

Janisol Arte 66

Filigrane wärmegeämmte Fenster und Verglasungen aus Stahl

Janisol Arte 66

Fenêtres et vitrages fixes en acier fins à rupture de pont thermique

Janisol Arte 66

Thermally insulated slim windows and fixed lights in steel

Grafische Planungsdaten wie z.B. Anwendungsbeispiele, Konstruktionsdetails, Anschlüsse am Bau, die in unseren physischen oder elektronischen Dokumentationsunterlagen enthalten sind, sind schematische Darstellungen. Gleiches gilt für digitale Medien wie CAD Dateien oder BIM Modelle.

Sie sollen den ausführenden Metallbauer und/oder Fachplaner bei der Planung und Ausführung eines Projektes unterstützen. Sie sind im konkreten Anwendungsfall durch den ausführenden Metallbauer und/oder Fachplaner auf die Verwendbarkeit im konkreten betroffenen Projekt hinsichtlich rechtlichen/regulatorischen aber auch technischen objektspezifischen Anforderungen zu überprüfen und ggfs. eigenverantwortlich anzupassen.

Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

Falls das vorliegende Dokument Differenzen zur aktuellen deutschen Version (Artikel Nr. K1214223) aufweist, gilt in jedem Fall der deutsche Originaltext in der jeweils geltenden Fassung im Jansen Docu Center.

Alle Ausführungen dieser Dokumentation haben wir sorgfältig und nach bestem Wissen zusammengestellt. Wir können aber keine Verantwortung für die Benutzung der vermittelten Vorschläge und Daten übernehmen. Wir behalten uns technische Änderungen ohne Vorankündigung vor.

Les données de planification graphiques, comme les exemples d'application, détails de construction et raccordements au bâtiment, fournies dans notre documentation physique et numérique sont des représentations schématiques. Il en va de même pour les médias numériques comme les fichiers CAD ou modèles BIM.

Leur but est de faciliter la planification et réalisation d'un projet par les constructeurs métalliques et/ou concepteurs. Concrètement, elles doivent être vérifiées par le constructeur métallique et/ou le concepteur et, le cas échéant, modifiées de son propre chef pour s'assurer qu'elles concordent avec le projet concerné et qu'elles répondent aux exigences techniques spécifiques ainsi qu'aux dispositions légales et réglementaires.

Lors de la vérification, de la planification spécifique et de la mise en œuvre, il y a lieu de tenir compte des conditions spécifiques à l'objet (matériaux du bâtiment, dimension de l'élément d'insert, couleur, exposition, effet de charge, etc.) ainsi que de l'état actuel de la technique, y compris toutes les normes et directives techniques applicables.

En cas de divergence entre le présent document et la version allemande (no d'article K1214223), c'est dans tous les cas le texte original allemand qui prévaut dans sa version actuelle disponible dans le Jansen Docu Center.

Nous avons apporté le plus grand soin à l'élaboration de cette documentation. Cependant, nous déclinons toute responsabilité pour l'utilisation faite de nos propositions et de nos données.

Nous nous réservons le droit de procéder à des modifications techniques sans préavis.

Graphical planning data such as application examples, construction details, connections on site that are contained in our physical or electronic documentation components are schematic representations. The same applies to digital media such as CAD files or BIM models.

They are intended to support the metal worker and/or design engineer in planning and executing projects. In the specific case of application they are to be checked by the metal worker and/or design engineer in terms of their usability in the specific project concerned with regard to legal/regulatory and technical property-specific requirements and adjusted if necessary at the latter's own responsibility.

The property-specific underlying conditions (construction material, dimensions of installation element, colour, exposure, load effect etc.) and current state of the art including all applicable norms and technical guidelines are to be taken into consideration at the metal worker and/or design engineer's own responsibility during the review, specific planning and implementation.

If there are any differences between this document and the current German version (item number K1214223), the latest version of the original German text in the Jansen Docu Center shall prevail.

All the information contained in this documentation is given to the best of our knowledge and ability. However, we decline all responsibility for the use made of these suggestions and data.

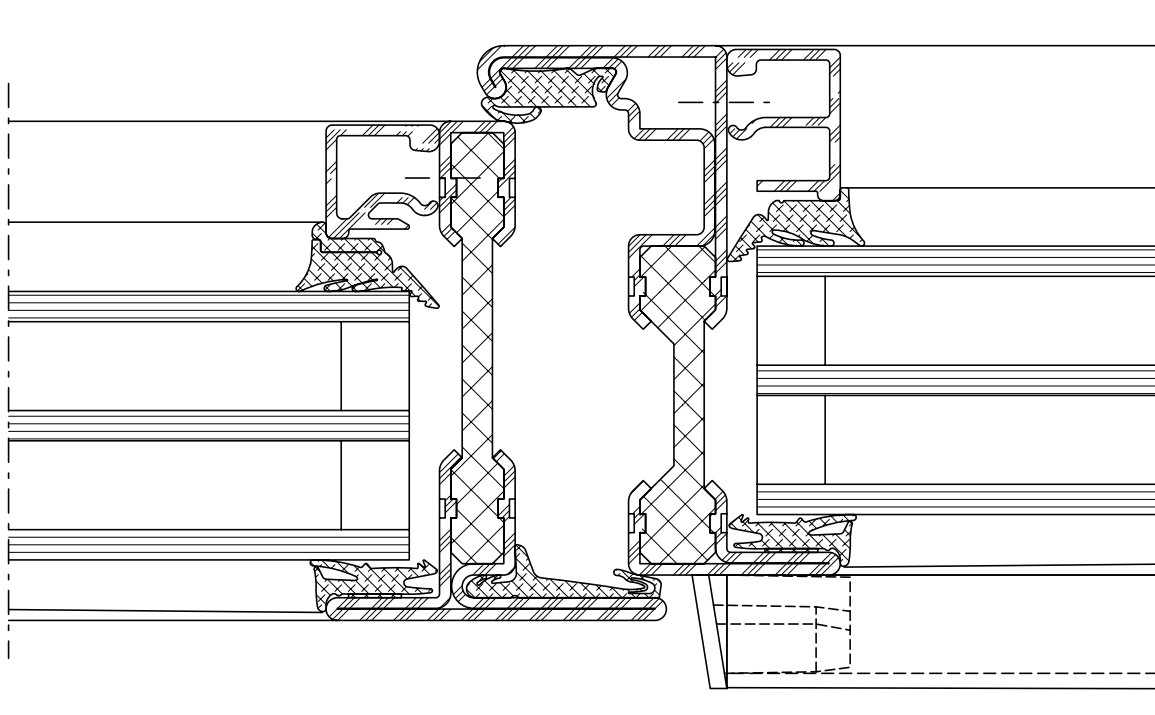
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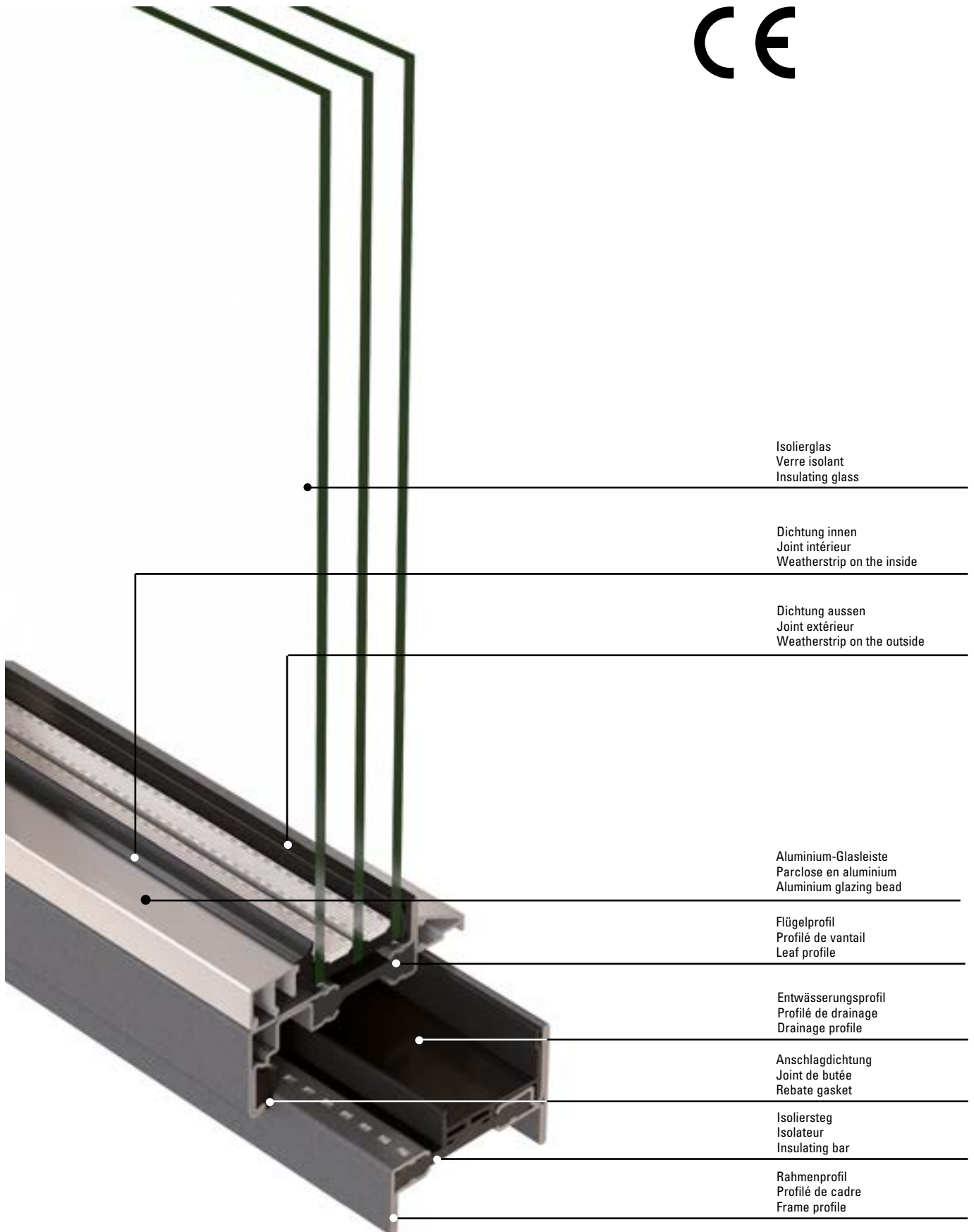
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Merkmale
Caractéristiques
Characteristics

Janisol Arte 66
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- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten: Fenstersprossen 40 mm Rahmen inkl. Flügel ab 53 mm Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweissverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face: Meneau de fenêtre 40 mm Cadre avec vantail à partir de 53 mm Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths: Window sash bars 40 mm Frame including vent from 53 mm Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value										
 EN 12210	Widerstandsfähigkeit bei Windlast Résistance à la pression du vent Resistance to wind load	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)					
 EN 12208	Schlagregendichtheit Étanchéité à la pluie battante Watertightness	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)
 EN ISO 10140	Schalldämmung R_w (C , C_{tr}) (dB) Isolation phonique R_w (C , C_{tr}) (dB) Sound insulation R_w (C , C_{tr}) (dB)	npd	bis R_w 47 dB (-2; -7) jusqu'à R_w 47 dB (-2; -7) up to R_w 47 dB (-2; -7)									
 EN ISO 10077-2	Wärmedurchgangskoeffizient U_f (W/(m ² ·K)) Transmission thermique U_f (W/(m ² ·K)) Thermal production U_f (W/(m ² ·K))	npd	ab 1,6 W/m ² ·K à partir de 1,6 W/m ² ·K from 1,6 W/m ² ·K									
 EN 12207	Luftdurchlässigkeit Perméabilité à l'air Air permeability	npd	1 (150)	2 (300)	3 (600)	4 (600)						
 EN 14351-1	Tragfähigkeit von Sicherheitsvorrichtungen Capacité portante des dispositifs de sécurité Load-bearing capacity of safety devices	npd	Anforderung erfüllt Exigence remplie Requirement satisfied									
 EN 13115	Mechanische Festigkeit Résistance mécanique Mechanical strength	npd	1	2	3	4						
 EN 13115	Bedienkräfte Forces de manœuvre Operating forces	npd	0	1	2							
 EN 13049	Stoßfestigkeit Résistance aux chocs Impact resistance	npd	1	2	3	4	5					
 EN 14024	Metallprofile mit thermischer Trennung Profils en métal. avec rupture de pont thermique Metal profiles with thermal barrier	CW / TC2 / A										
 DIN 18008-4	Vorgefertigte absturzsichernde Verglasung Vitrage anti-chutes préfabriqué Prefabricated glazing suitable for safety barrier loading	Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled										

npd = keine Leistung festgestellt
(no performance determined)

npd = aucune performance
déterminée
(no performance determined)

npd = no performance determined

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Sie können die Zeichnungen in den Formaten DXF und/oder DWG herunterladen. Klicken Sie auf das entsprechende Icon und der Download erfolgt.

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DWG

You can download the drawings in DXF and/or DWG format. Click on the relevant icon to begin the download.

The items «Article library/Door fittings/Window fittings» means that you download the entire article library for the corresponding system with one click (profiles, fittings, glazing beads, accessories etc.).

Information and advice

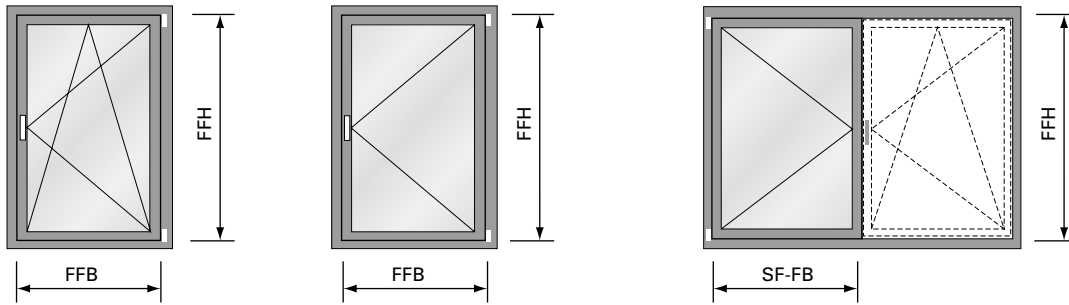
We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: info@jansen.com

Technische Daten**Caractéristiques techniques****Technical data**

Janisol Arte 66

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*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m ²

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtre à deux vantaux:*

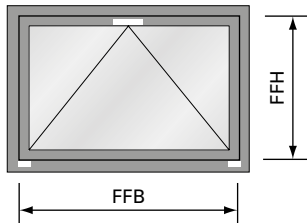
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m ²

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m ²

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
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*Grandeur du vantail**fenêtre à soufflet:*

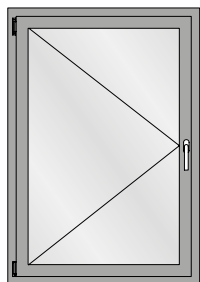
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
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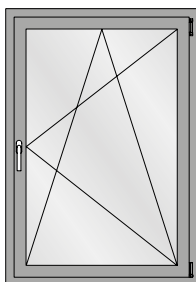
*Size of vent**bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

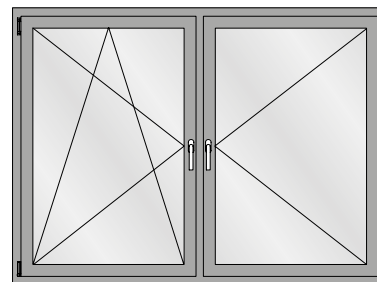
Max. weight:	80 kg
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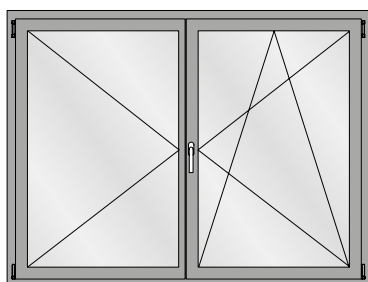
Drehflügel
Fenêtre à la française
Side-hung window



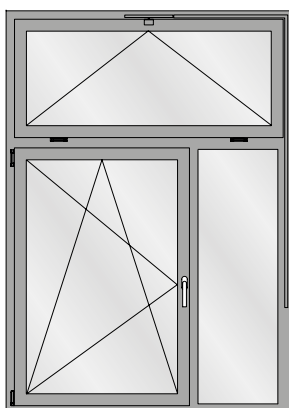
Drehkipp-Flügel
Vantail oscillo-battant
Turn/tilt window



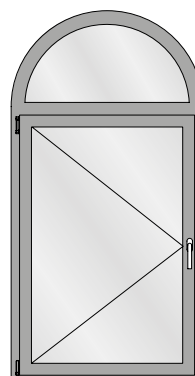
Drehkipp/Drehflügel (mit Pfosten)
Vantail oscillo-battant/fenêtre à la française
(avec montant)
Side-hung/turn/tilt window (with mullion)



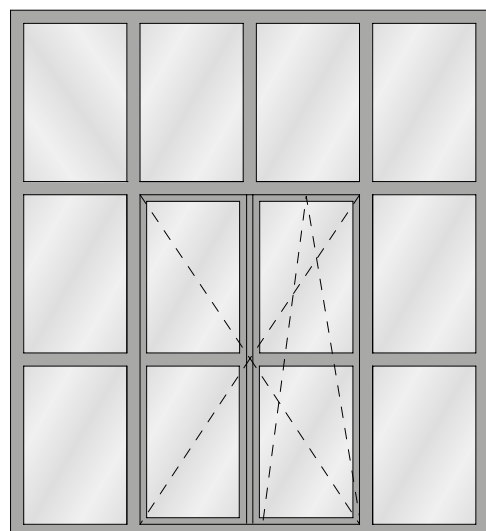
Stulpfenster
Fenêtre à deux vantaux
Double leaf window



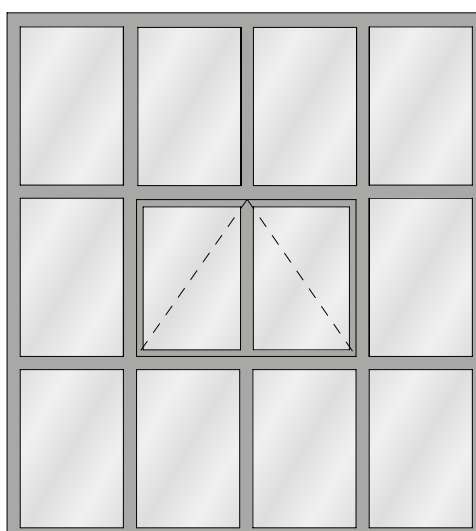
Fenster Drehkipp mit Oberlicht
Vantail oscillo-battant avec imposte
Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht
Fenêtre à la française avec imposte demi-rond
Side hung window with round arched top light



Drehkipp-Flügel mit Festverglasung
Vantail oscillo-battant avec vitrage fixe et imposte
Turn/tilt window with fixed lights and top lights



Kippfenster
Fenêtre à soufflet
Bottom-hung window

Profilübersicht

Sommaire des profilés

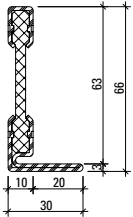
Summary of profiles

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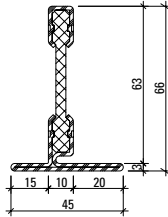
Janisol Arte 66

**Profile mit Lappen 20 mm
(Rahmen Drehkipp-Fenster)**

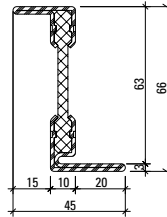


601.630 Z
601.630.09

**Profilés avec battue 20 mm
(cadre fenêtre oscillo-battante)**

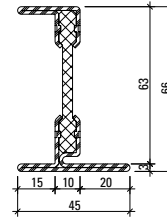


602.630 Z
602.630.09

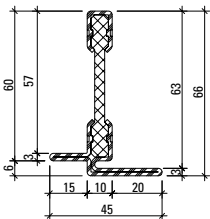


603.630 Z
603.630.09

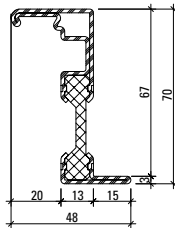
**Profiles with lips, 20 mm
(turn/tilt window frame)**



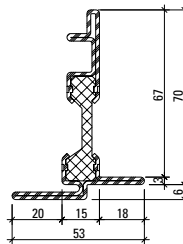
605.630 Z
605.630.09



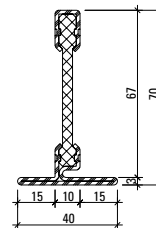
602.631 Z
602.631.09



610.900 Z
610.900.09

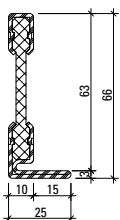


610.901 Z
610.901.09



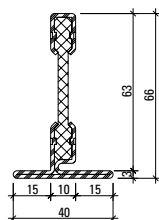
602.611.7 Z
602.611.79

**Profile mit Lappen 15 mm
(Festverglasungen)**

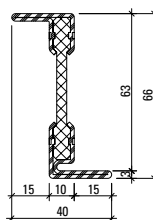


601.612 Z

**Profilés avec battue 15 mm
(Vitrages fixes)**

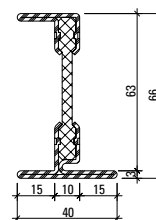


602.613 Z



603.612 Z
603.612.01
603.612.09

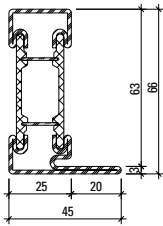
**Profiles with lips 15 mm
(Fixed glazings)**



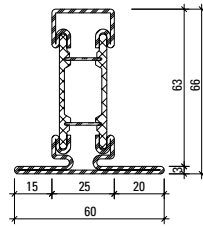
605.612 Z

Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.630 Z	2,276	9,63	2,12	1,37	0,65	0,214
602.630 Z	2,615	10,65	2,20	2,42	1,02	0,243
603.630 Z	2,619	14,84	3,93	2,42	1,02	0,243
605.630 Z	2,958	16,83	4,05	3,19	1,24	0,272
602.631 Z	2,609	10,11	2,14	2,41	1,01	0,242
602.611.7 Z	2,353	11,85	2,35	1,68	0,84	0,241

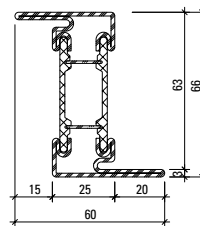
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.612 Z	2,159	9,23	2,12	0,83	0,48	0,204
602.613 Z	2,497	10,41	2,20	1,71	0,85	0,233
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234
605.612 Z	2,840	16,21	4,02	2,35	1,07	0,262
610.900 Z	3,048					0,272
610.901 Z	3,410					0,298



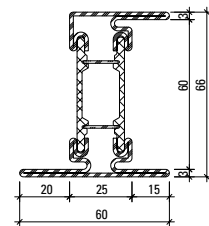
601.632 Z



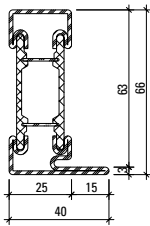
602.632 Z



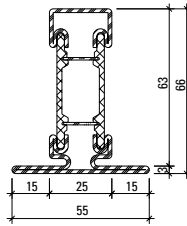
603.632 Z



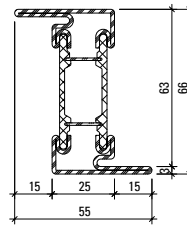
605.632 Z



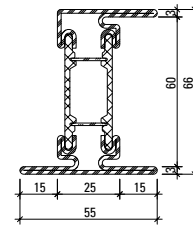
601.645 Z



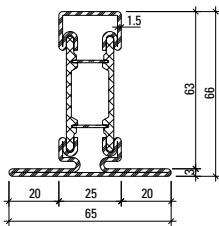
602.645 Z



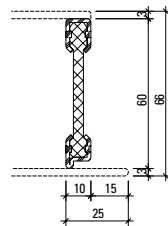
603.645 Z



605.645 Z



602.633 Z



600.612 Z

Oberfläche/Werkstoff

Artikel-Nr.

mit Z = bandverzinkter Stahl

Werkstoff 1.4401 (AISI 316)

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

Werkstoff

mit x9 = Stahl KB DOCOL 355W (Corten)

Edelstahl geschliffen auf Anfrage

Surface/Matériau

No. d'article

avec Z = bande d'acier zinguée

Matériau 1.4401 (AISI 316)

avec 01 = brut

avec 03 = polies, grain 220-240

Matériau

avec x9 = acier KB DOCOL 355W (Corten)

Acier Inox polie sur demande

Surface/Material

Part no.

with Z = strip galvanised steel

Material 1.4401 (AISI 316)

with 01 = bright

with 03 = polished, grain 220-240

Material

with x9 = steel KB DOCOL 355W (Corten)

Stainless steel polished on request

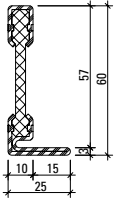
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.632 Z	3,217	16,98	4,21	4,70	1,67	0,249
601.645 Z	3,100	16,29	4,16	3,70	1,52	0,239
602.632 Z	3,701	19,13	4,34	7,15	2,28	0,290
602.645 Z	3,584	18,63	4,31	5,88	2,14	0,280
603.632 Z	3,700	22,63	6,61	7,16	2,28	0,290

Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
603.645 Z	3,583	21,56	6,53	5,88	2,14	0,280
605.632 Z	4,184	26,12	6,83	9,02	2,68	0,331
605.645 Z	4,067	25,31	6,78	7,54	2,53	0,321
602.633 Z	3,819	19,58	4,37	8,53	2,62	0,300
600.612 Z	1,292	4,39	1,44	0,14	0,26	0,150

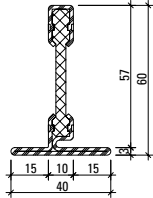
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profilés Janisol Arte 2.0
(Lappen 15 mm)

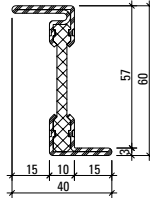
Profiles Janisol Arte 2.0
(Lappen 15 mm)



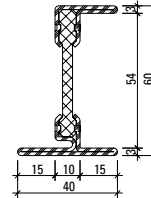
601.611 Z
601.611.01
601.611.09



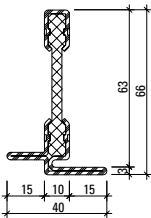
602.611 Z
602.611.01
602.611.09



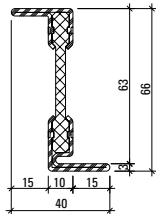
603.611 Z
603.611.01
603.611.09



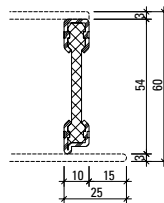
605.611 Z
605.611.01
605.611.09



602.612 Z
602.612.01
602.612.09



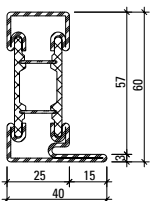
603.612 Z
603.612.01
603.612.09



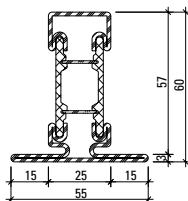
600.609 Z

Artikelbibliothek
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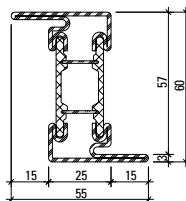
DXF **DWG**



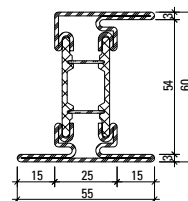
601.615 Z
601.615.09



602.615 Z
602.615.01
602.615.09



603.615 Z
603.615.09



605.615 Z
605.615.09

Stirnseitige Kennzeichnung
 Edelstahl (01) = Blau
 Corten (09) = Grün

Marquage en face avant
 Acier inox (01) = Bleu
 Corten (09) = Vert

Labelling on the front
 Stainless steel (01) = Blue
 Corten (09) = Green

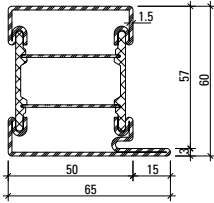
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.611 Z	1,930	7,31	1,85	0,78	0,46	0,192
602.611 Z	2,269	11,85	2,35	1,68	0,84	0,241
603.611 Z	2,273	11,13	3,47	1,68	0,84	0,222
605.611 Z	2,612	13,04	3,60	2,31	1,05	0,251
602.612 Z	2,491	9,75	2,11	1,71	0,85	0,232
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
600.609 Z	1,242	3,39	1,23	0,14	0,26	0,138
601.615 Z	3,020	12,93	3,64	3,70	1,52	0,227
602.615 Z	3,516	14,85	3,79	5,88	2,14	0,268
603.615 Z	3,515	17,23	5,74	5,88	2,14	0,268
605.615 Z	3,999	20,27	5,97	7,53	2,53	0,309

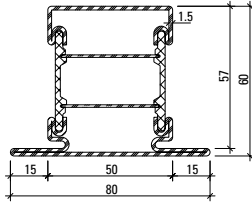
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profils Janisol Arte 2.0
(Lappen 15 mm)

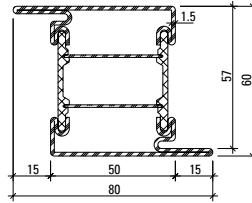
Profiles Janisol Arte 2.0
(Lappen 15 mm)



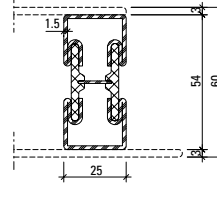
601.616 Z



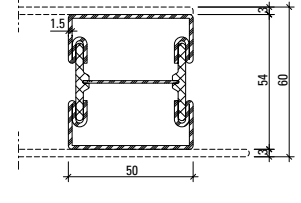
602.616 Z



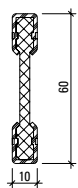
603.616 Z



600.008 Z



600.007 Z



600.610 Z

Oberfläche/Werkstoff	
Artikel-Nr.	
mit Z	= bandverzinkter Stahl
Werkstoff 1.4401 (AISI 316)	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
Werkstoff	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
avec Z	= bande d'acier zinguée
Matériau 1.4401 (AISI 316)	
avec 01	= brut
avec 03	= polies, grain 220-240
Matériau	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
with Z	= strip galvanised steel
Material 1.4401 (AISI 316)	
with 01	= bright
with 03	= polished, grain 220-240
Material	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

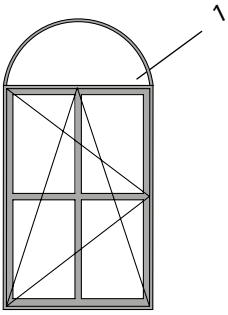
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.616 Z	3,746	17,89	5,20	16,30	4,60	0,295
602.616 Z	4,239	20,08	5,33	22,41	5,60	0,318
603.616 Z	4,219	22,02	7,34	22,38	5,59	0,318
600.610 Z	1,532	4,94	1,65	0,18	0,36	0,151
600.008 Z	2,826	8,12	2,82	2,57	5,06	0,170
600.007 Z	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für
 Edelstahlprofile
 Poids pour profilés
 en acier Inox
 Weights for
 stainless steel profiles**

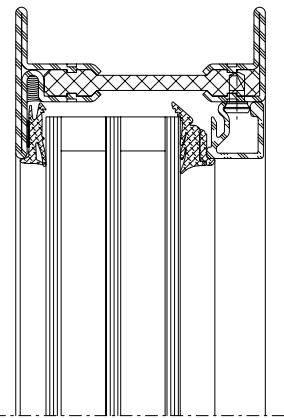
601.611.01	= 1,964 kg/m
602.611.01	= 2,311 kg/m
603.611.01	= 2,316 kg/m
605.611.01	= 2,663 kg/m
602.612.01	= 2,536 kg/m
603.612.01	= 2,548 kg/m
602.615.01	= 3,517 kg/m

Bogenfenster
Fenêtres cintrées
Arched windows

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66



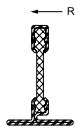
1.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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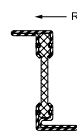


601.612 Z	450 mm
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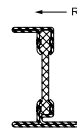


602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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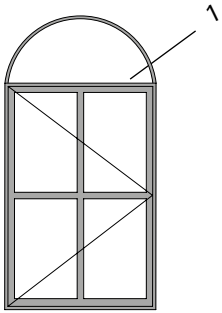
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



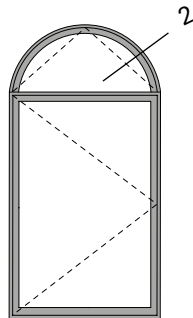
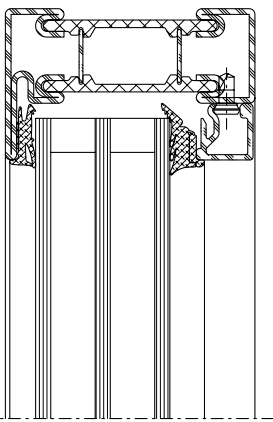
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



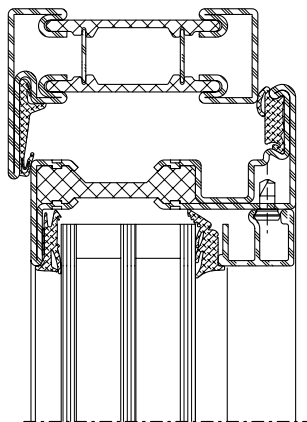
402.990	300 mm
402.991	300 mm
402.992	300 mm



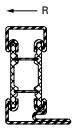
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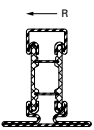
2.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---

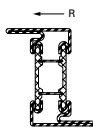


601.632 Z	600 mm
601.645 Z	600 mm

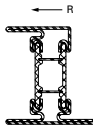


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

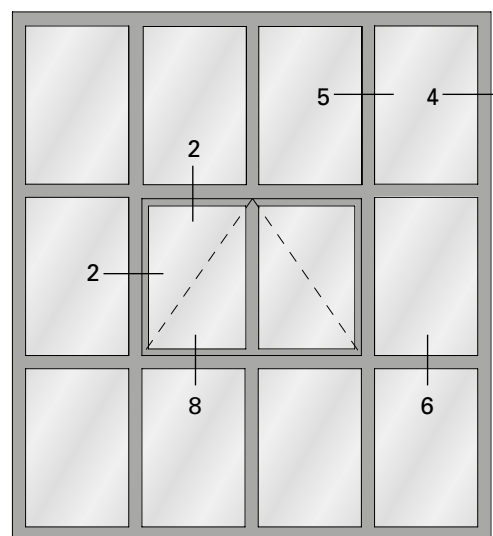
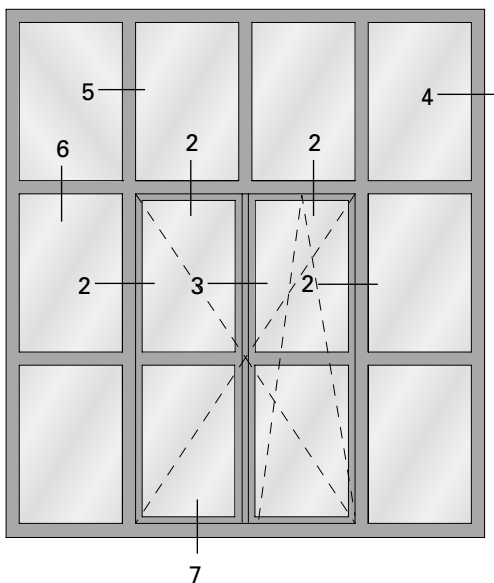
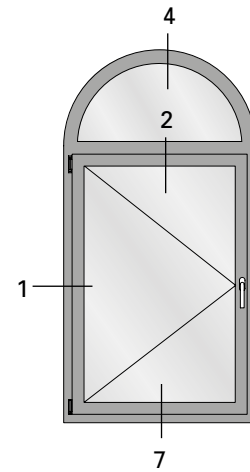
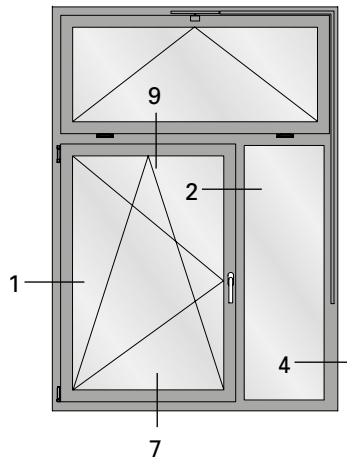
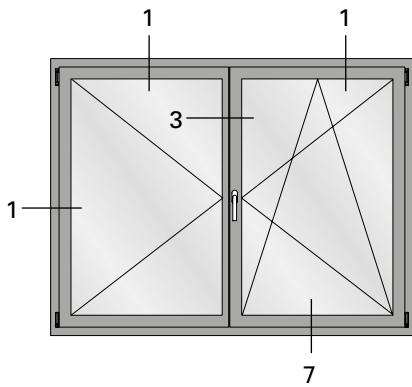
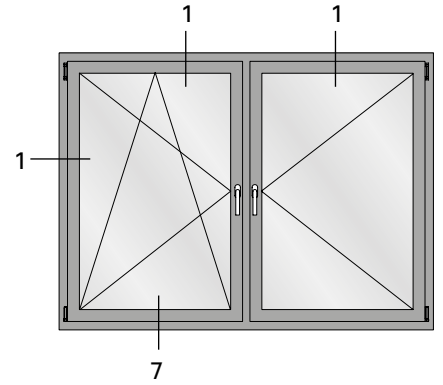
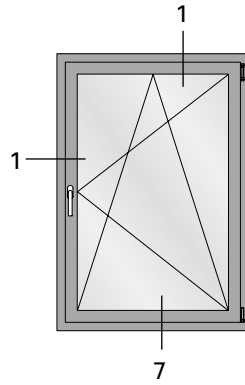
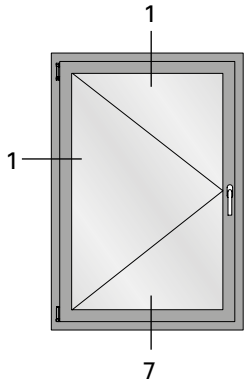
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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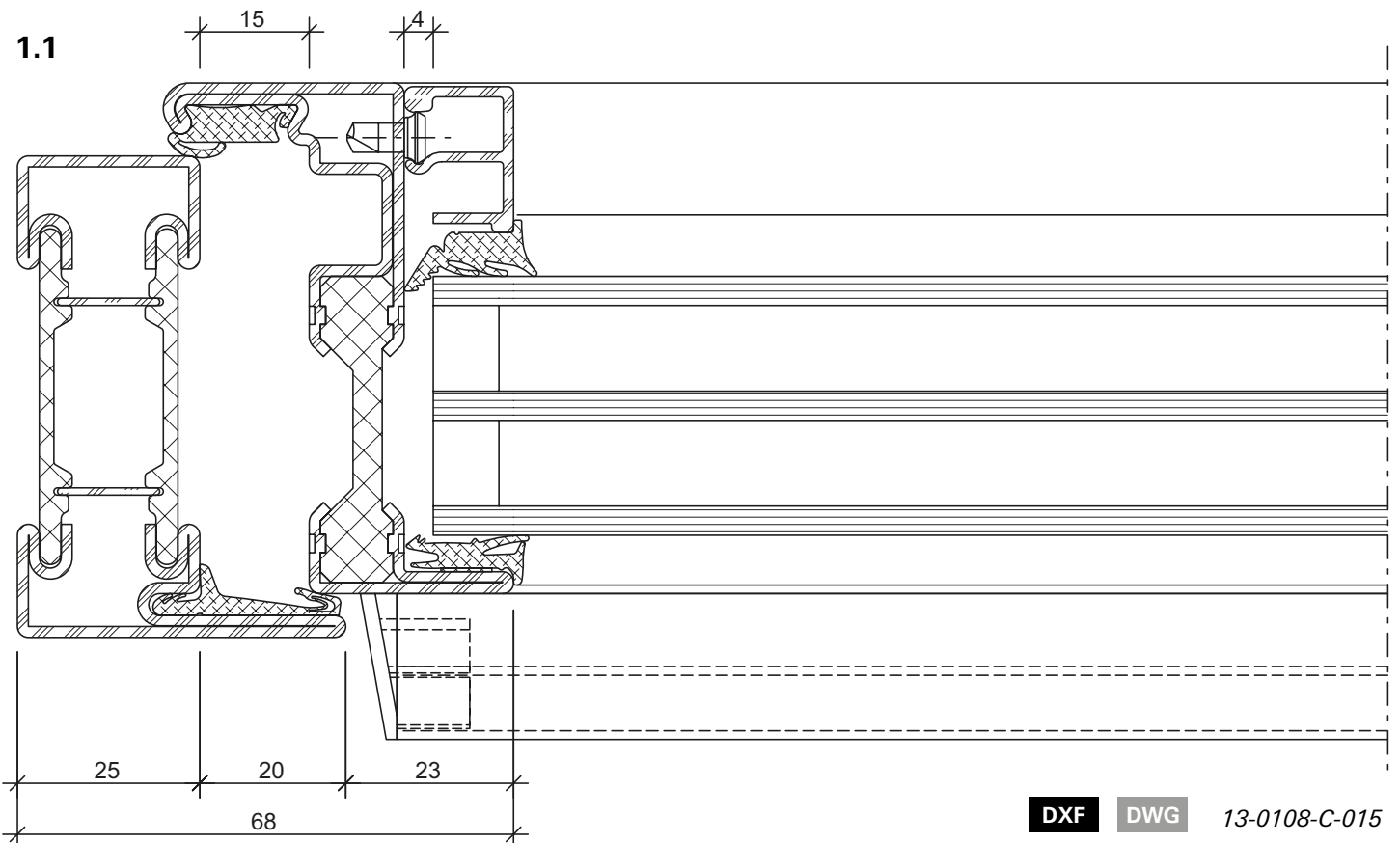
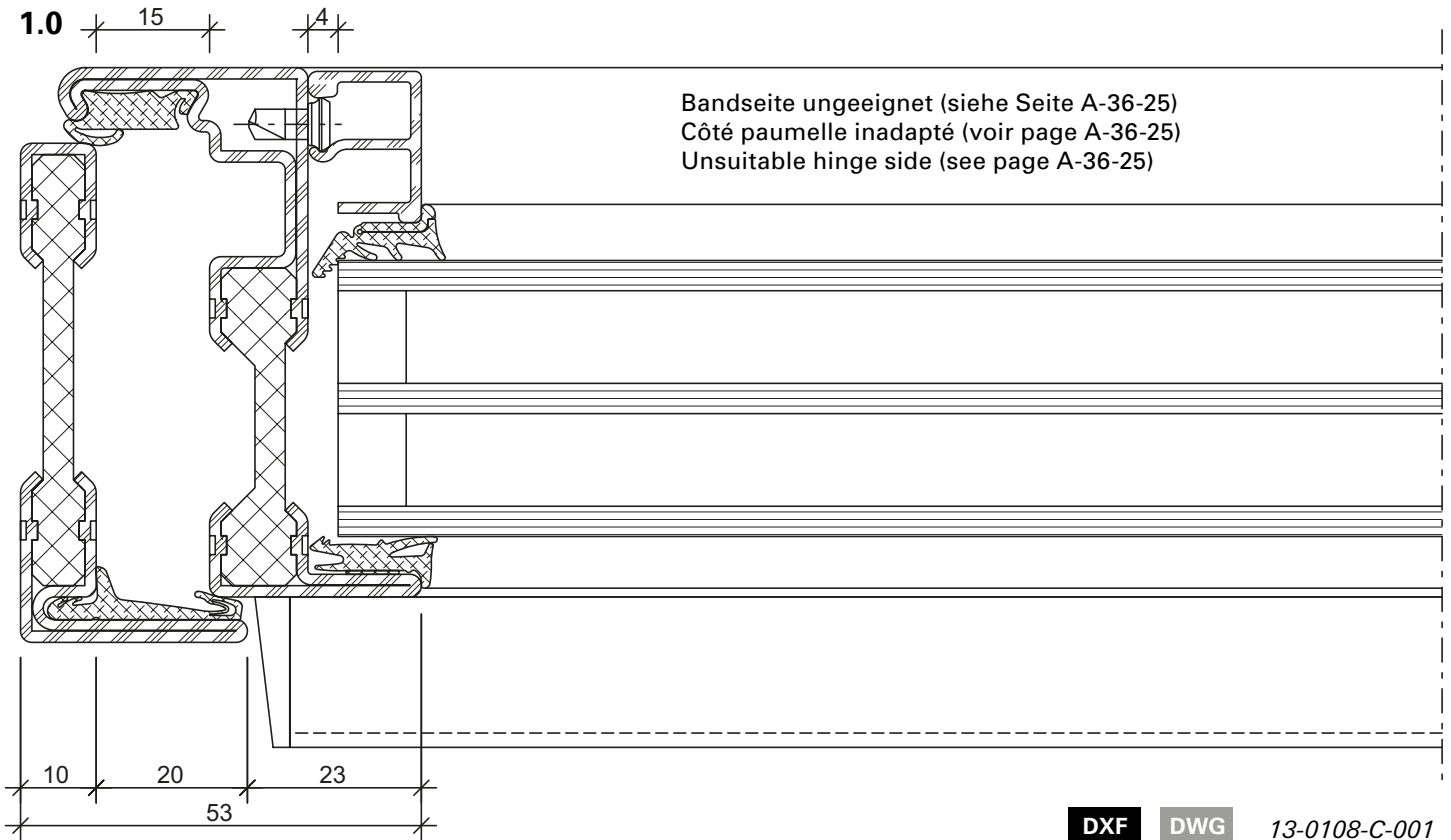


406.930	300 mm
406.931	300 mm
406.932	300 mm

Schnittpunkte nach innen öffnend
Coupe de détails ouvrant vers l'intérieur
Section details opening inwards

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66

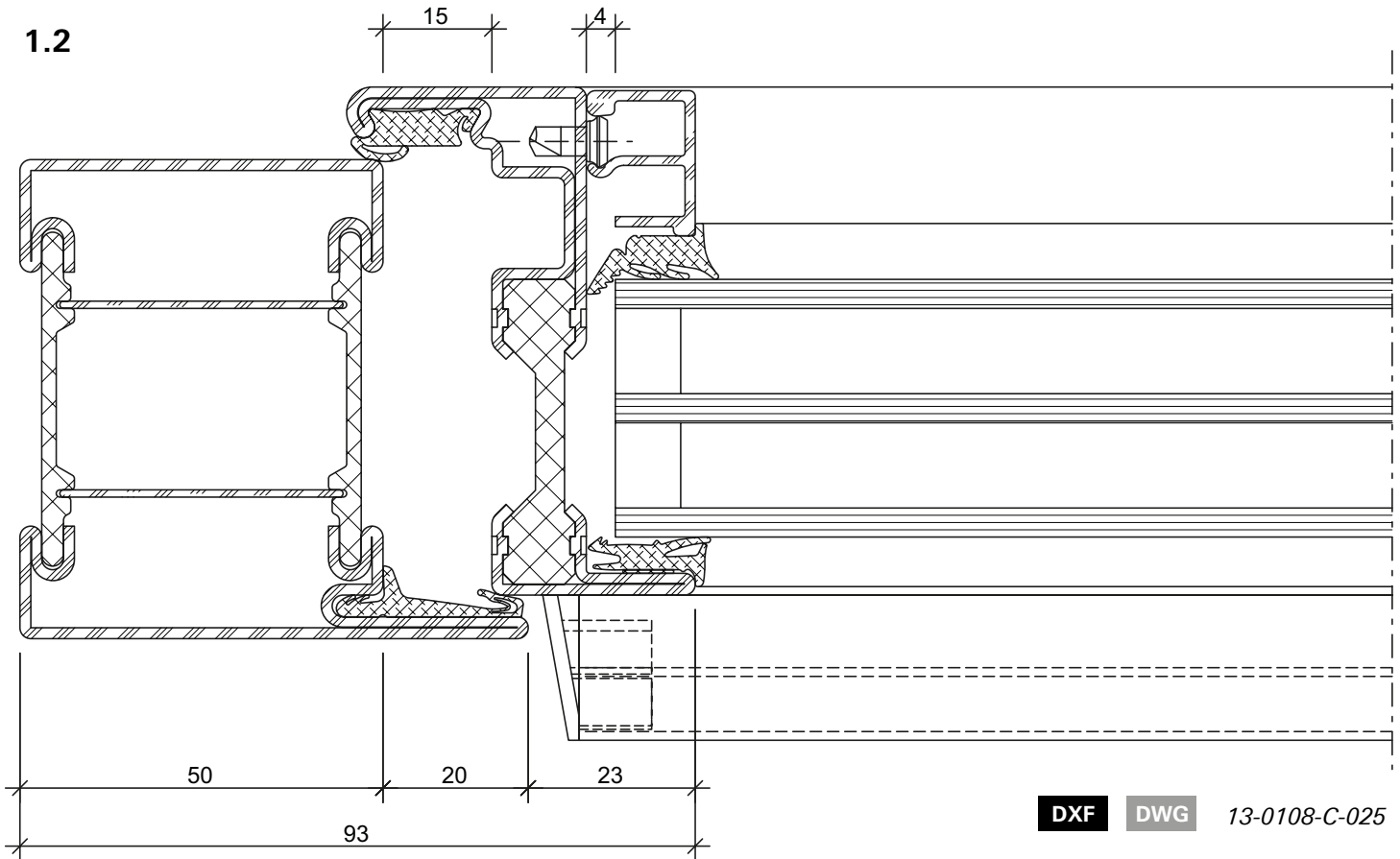




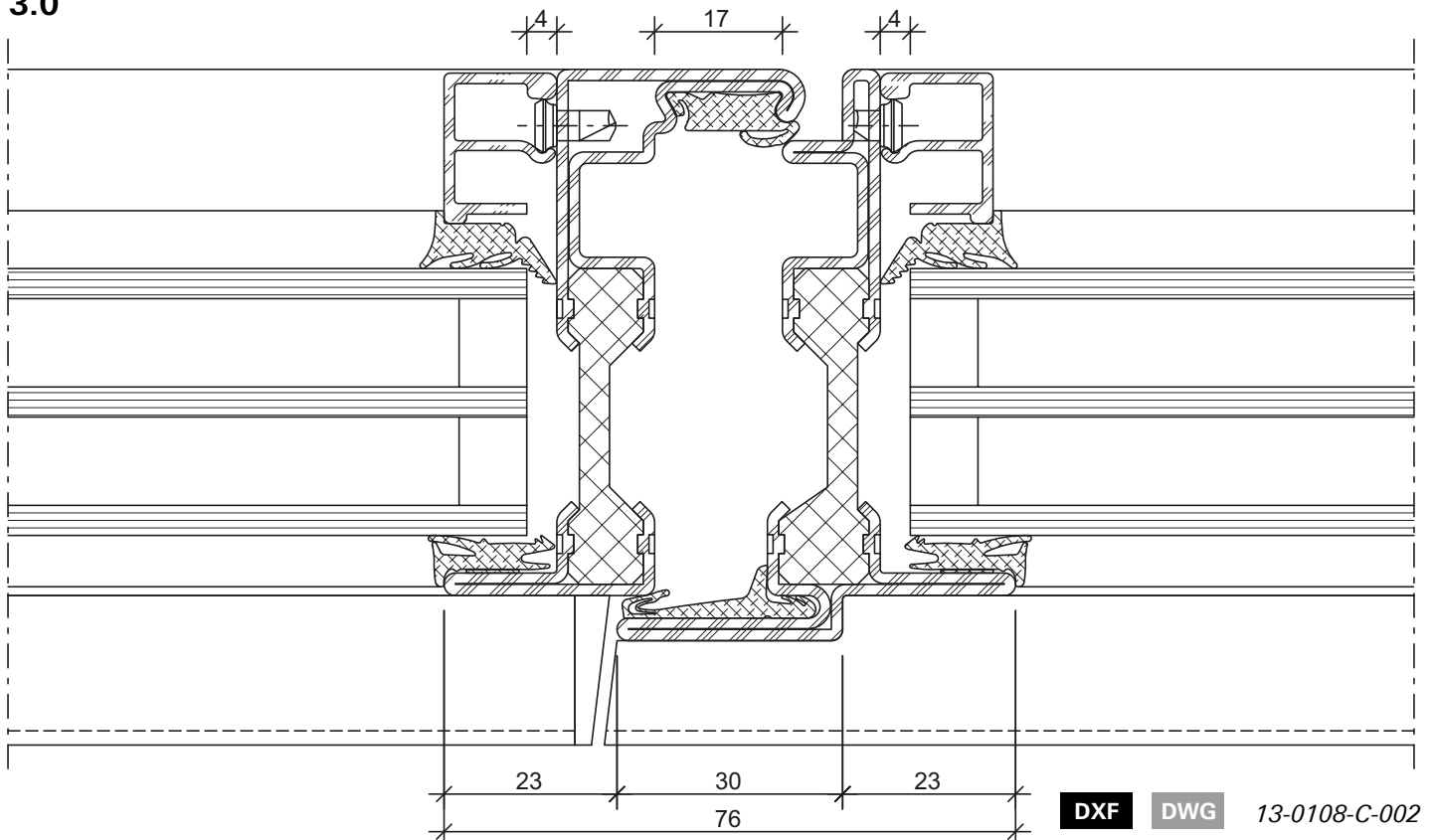
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

1.2



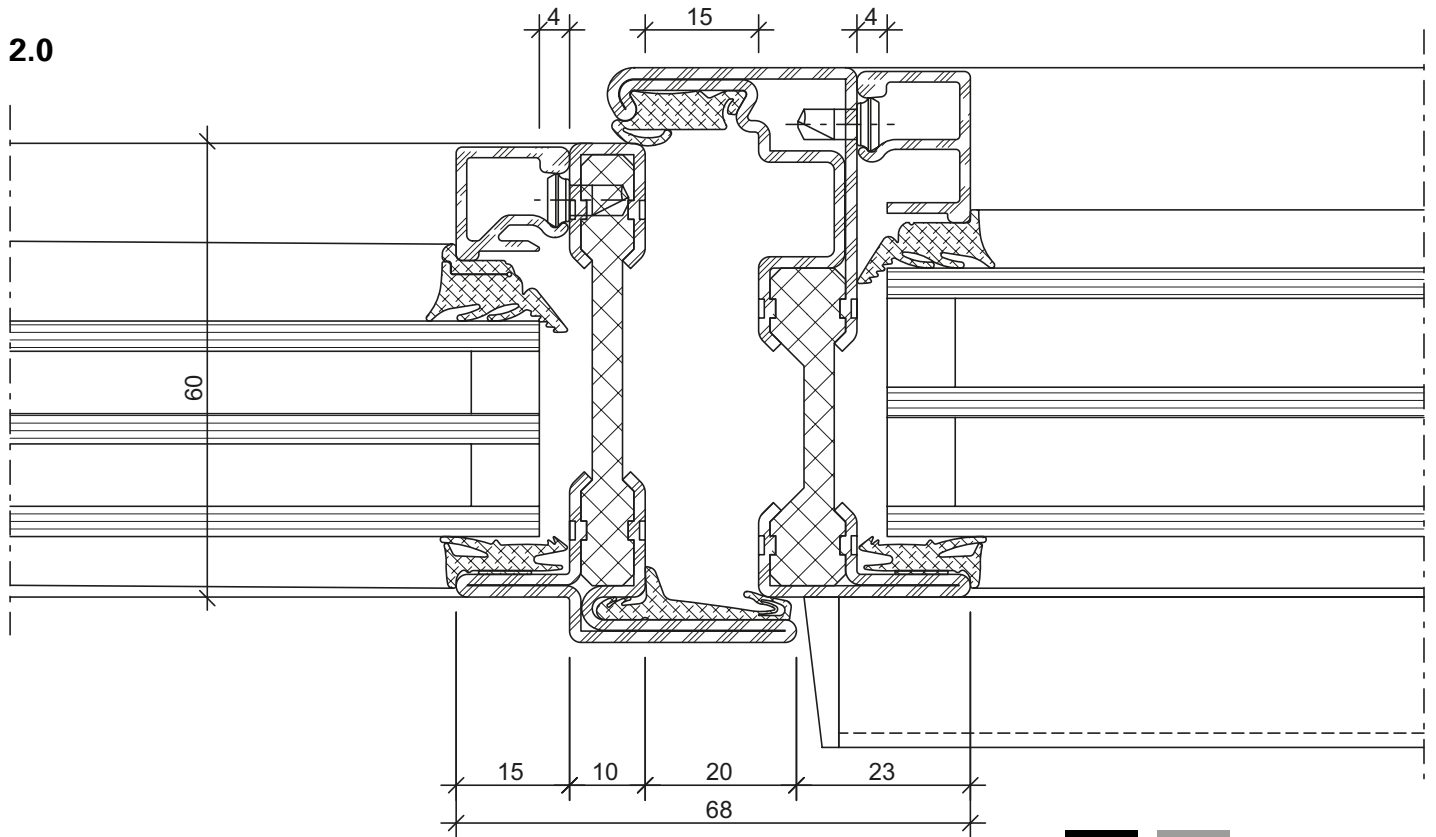
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

2.0

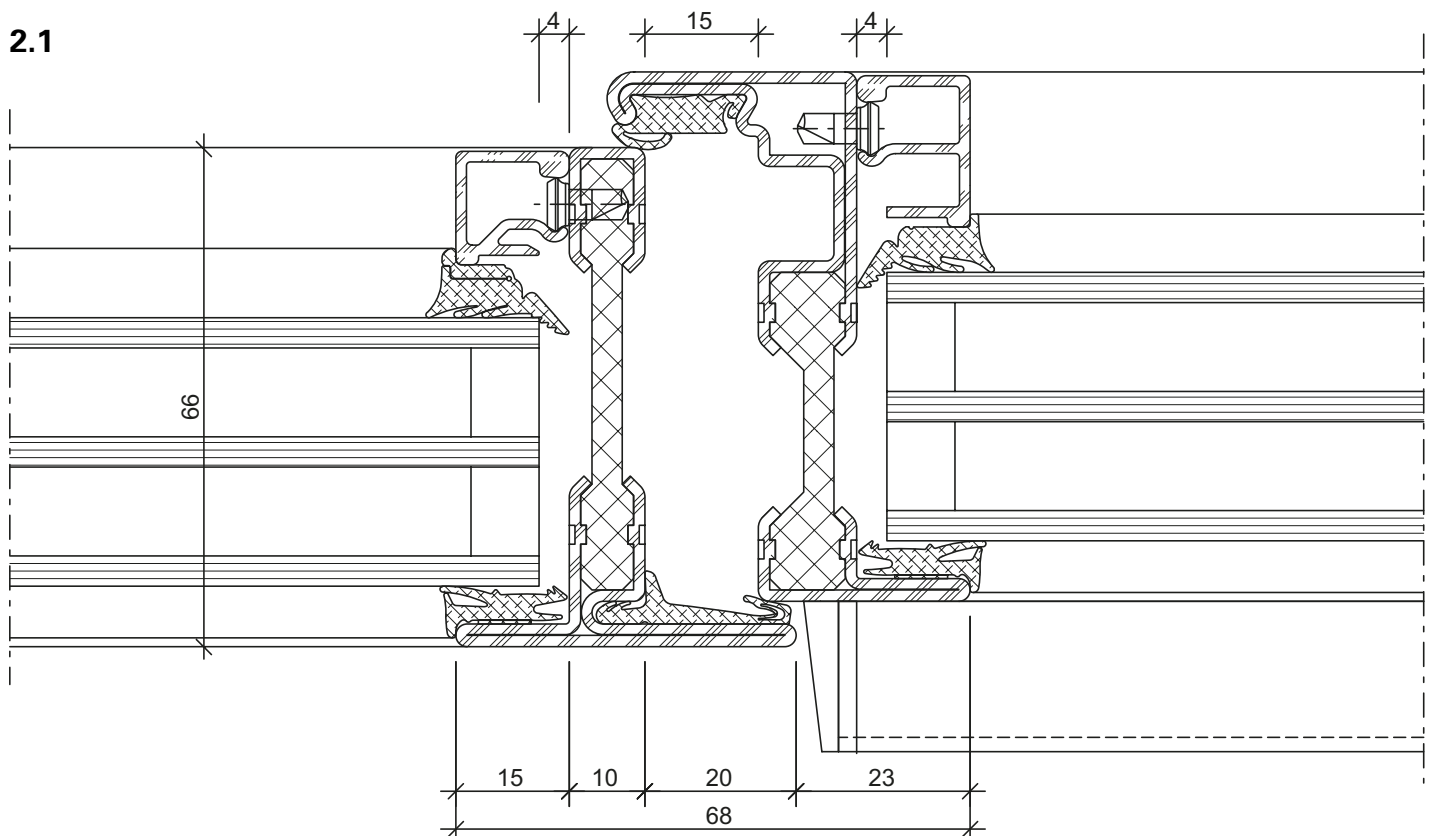


DXF

DWG

13-0108-C-003

2.1



DXF

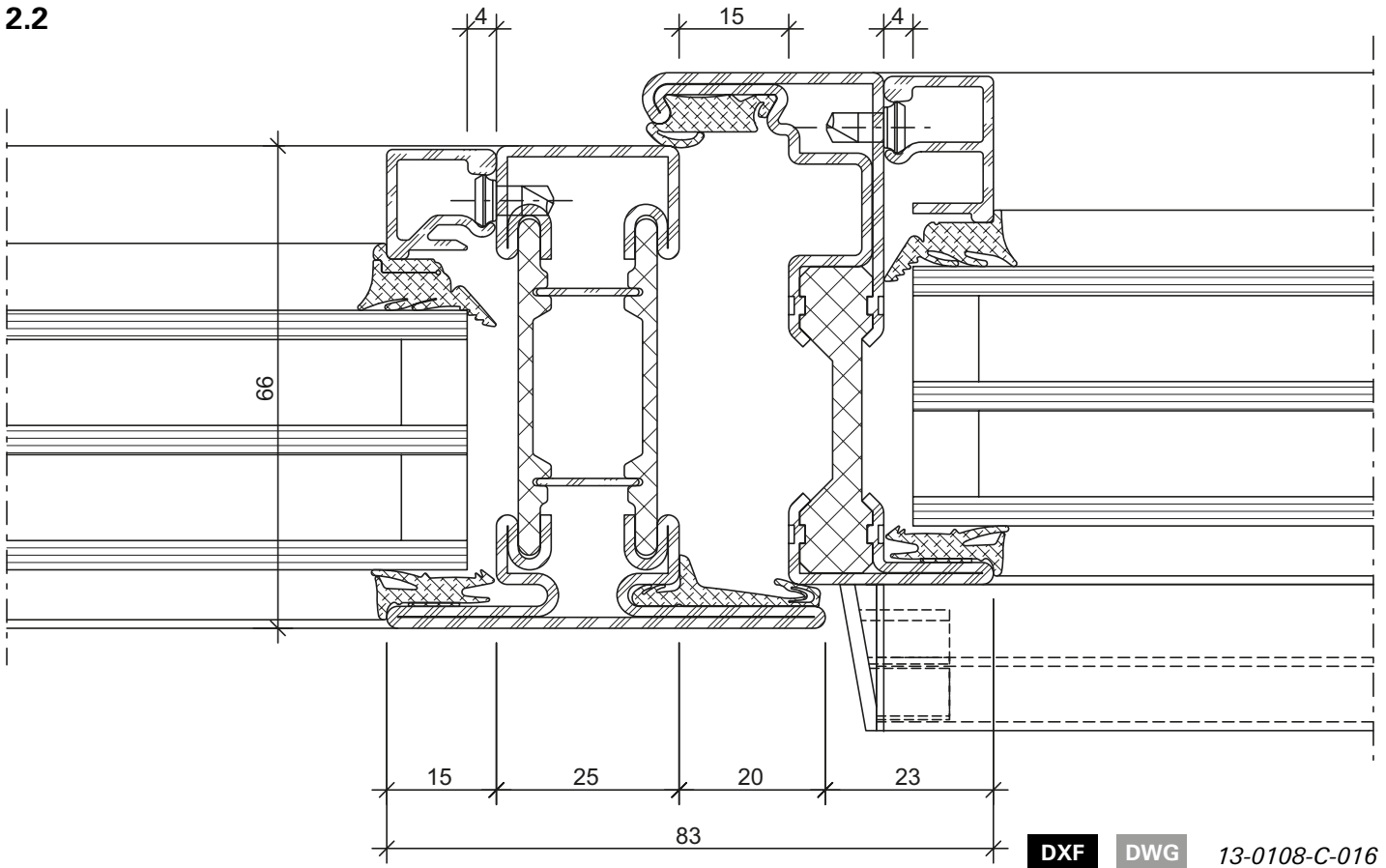
DWG

13-0108-C-004

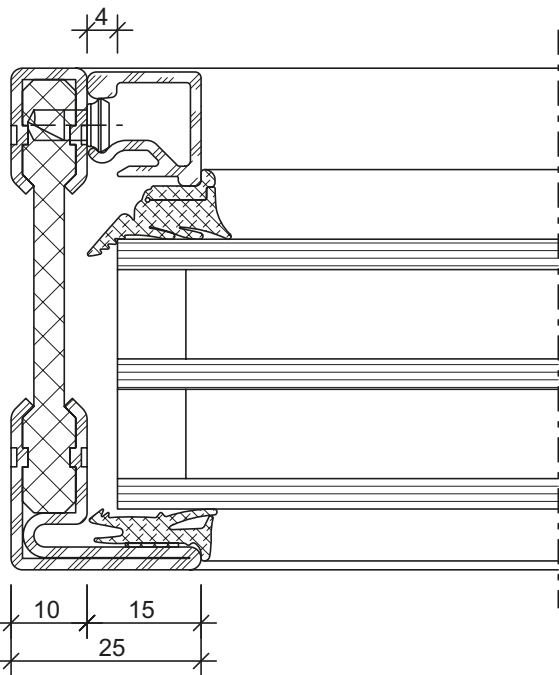
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

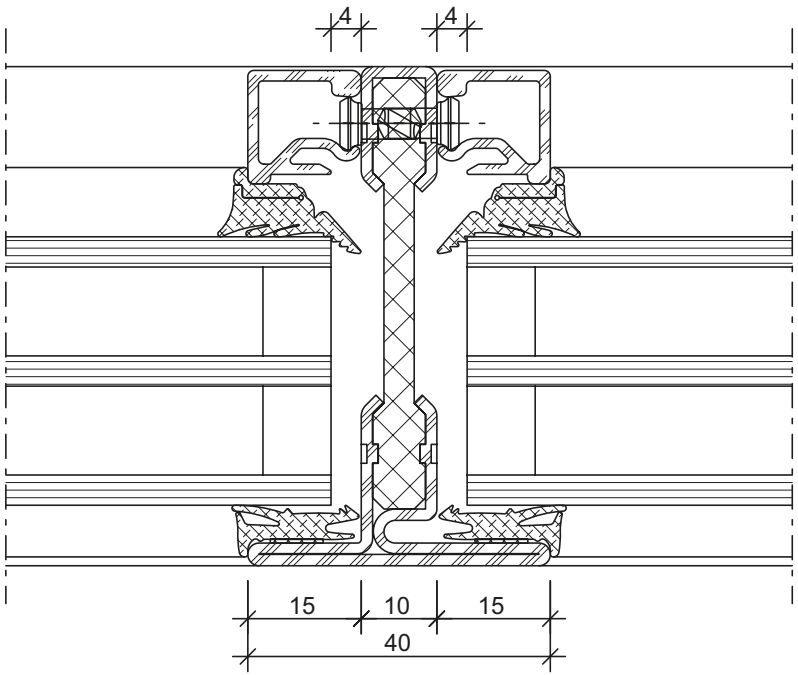
2.2



4.0



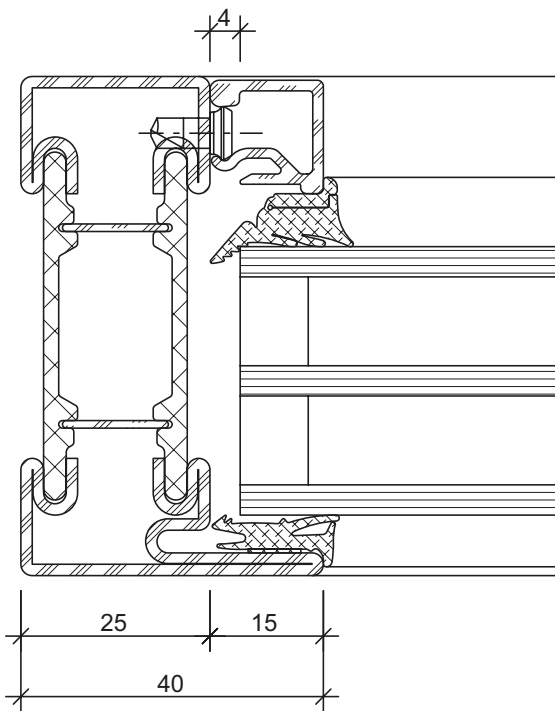
5.0



DXF DWG 13-0108-C-006

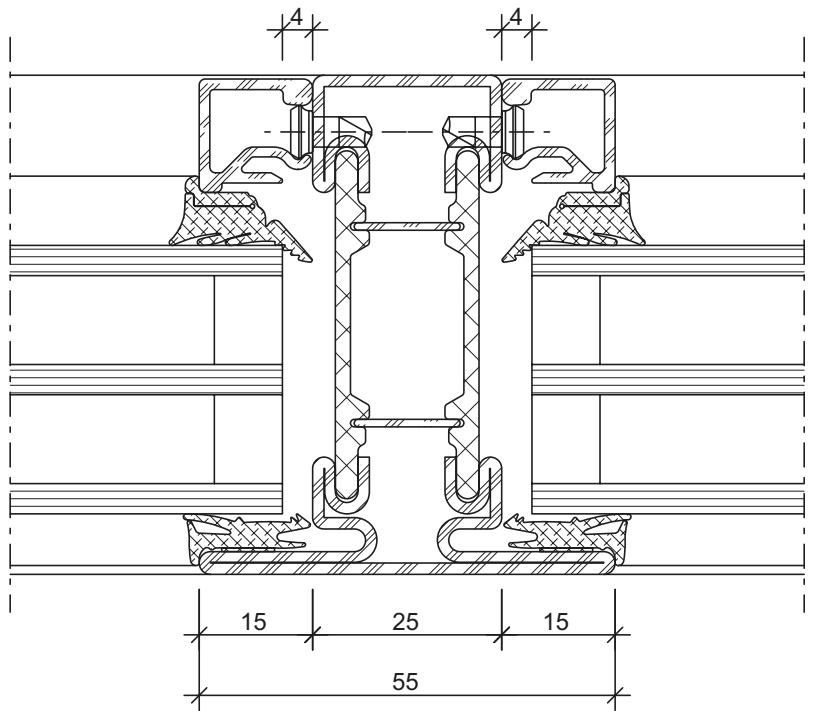
DXF DWG 13-0108-C-007

4.1



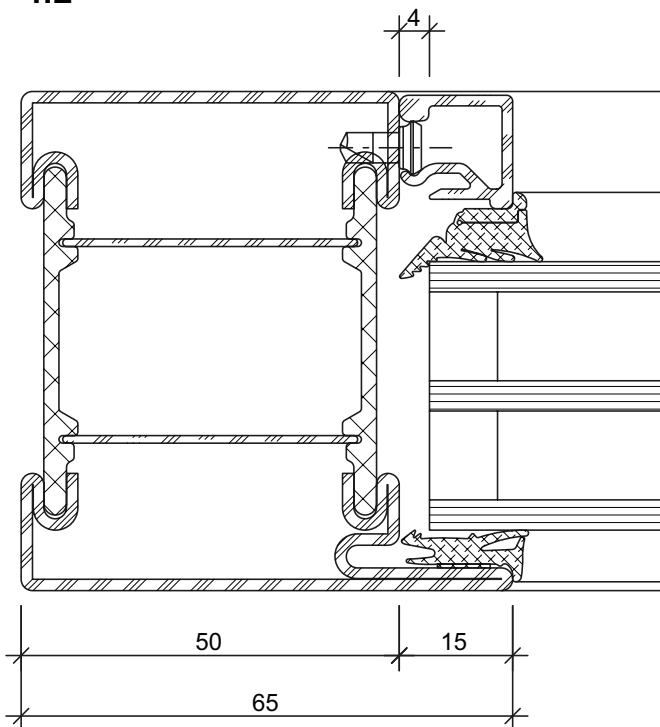
DXF **DWG** 13-0108-C-017

5.1



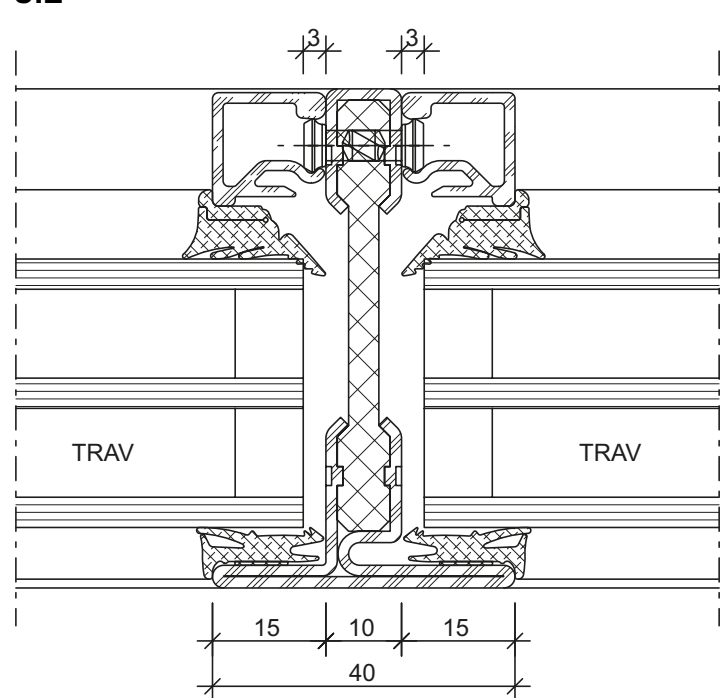
DXF **DWG** 13-0108-C-018

4.2



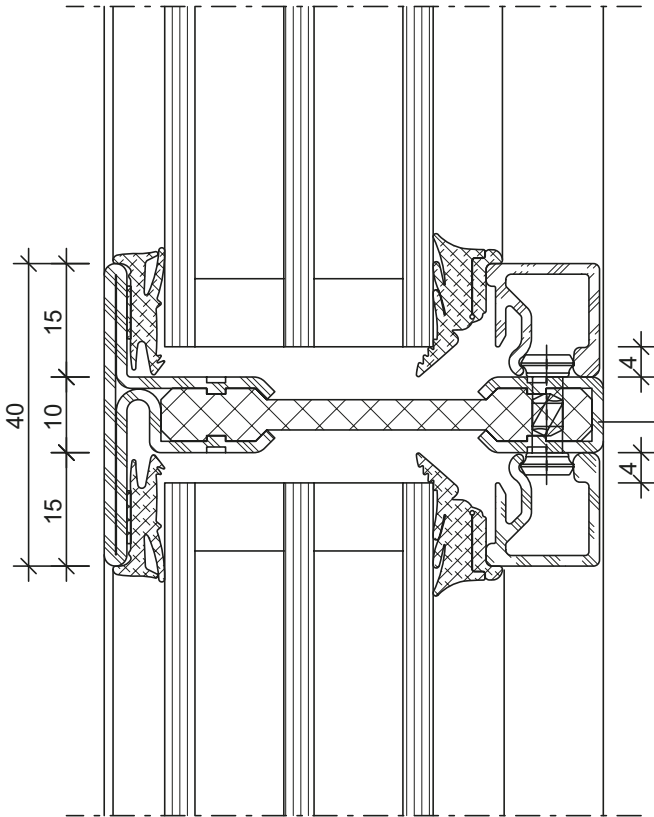
DXF **DWG** 13-0108-C-024

5.2



DXF **DWG** 13-0108-C-014

6.0

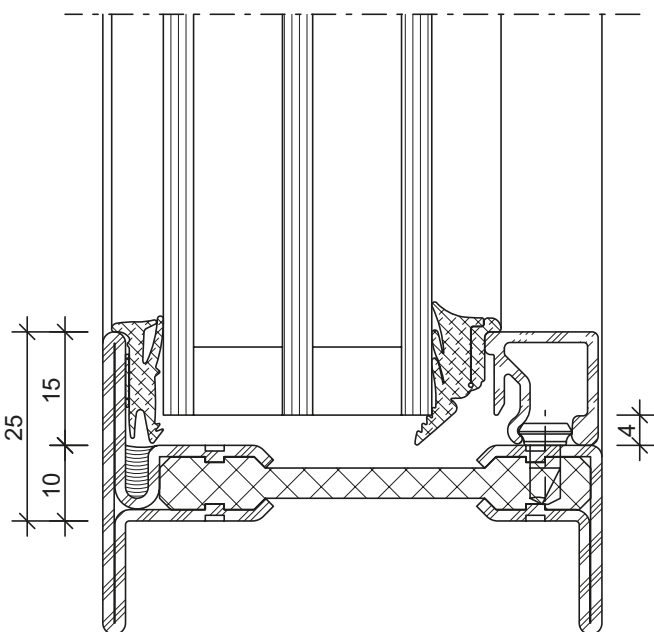


13-0108-C-009

DWG

DXF

4.1



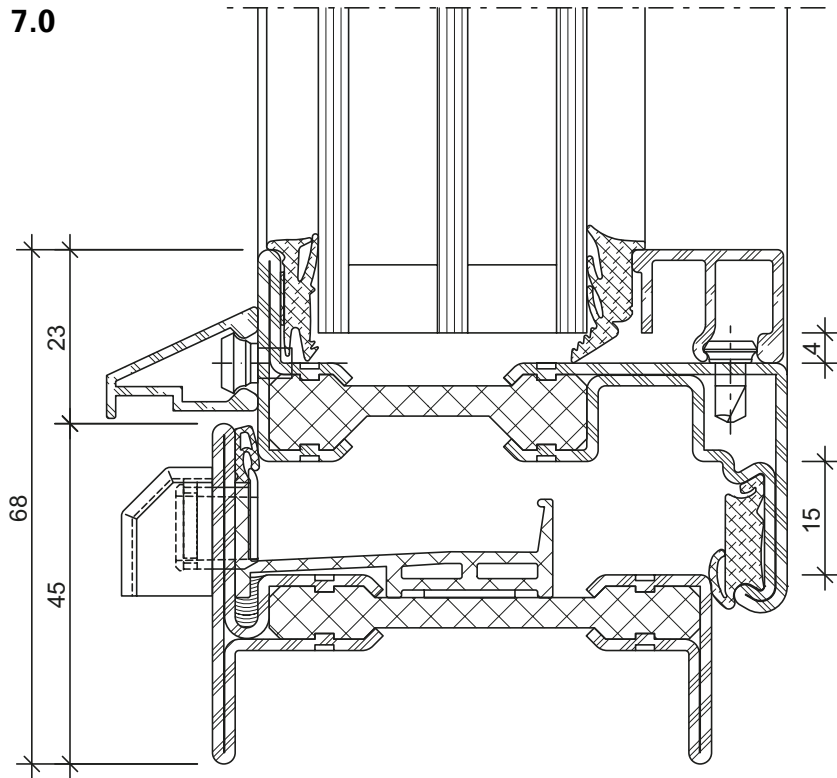
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

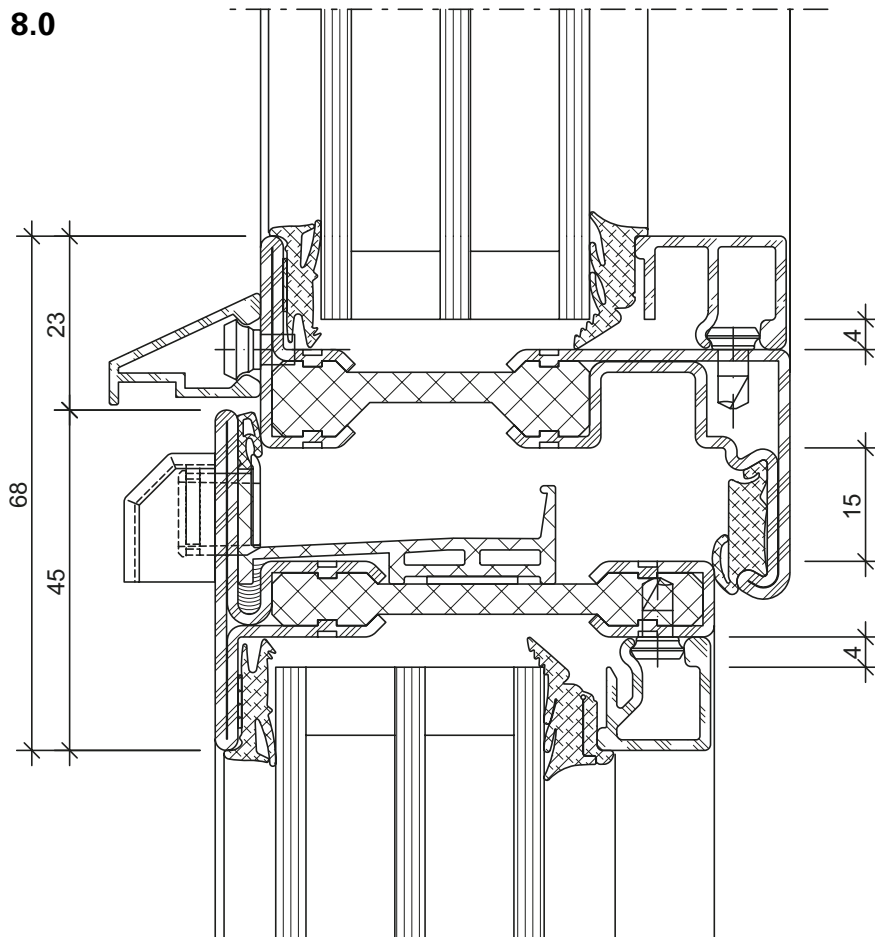
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



13-0108-C-010

DWG

DXF

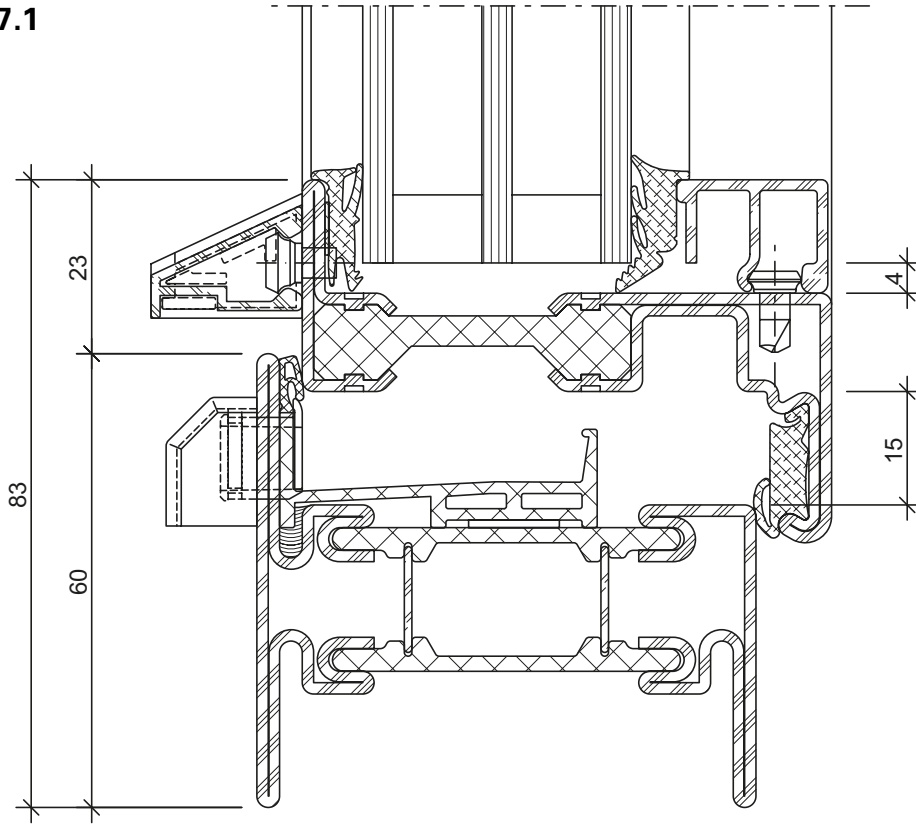


13-0108-C-013

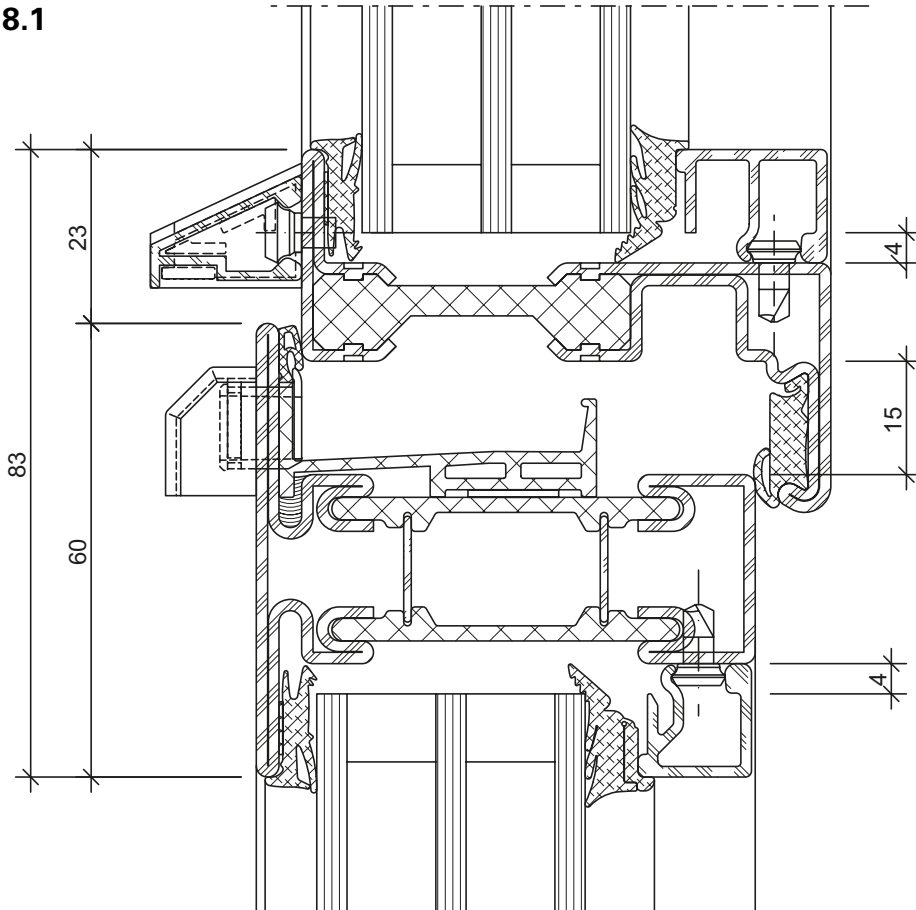
DWG

DXF

7.1



8.1



13-0108-C-019

DWG

DXF

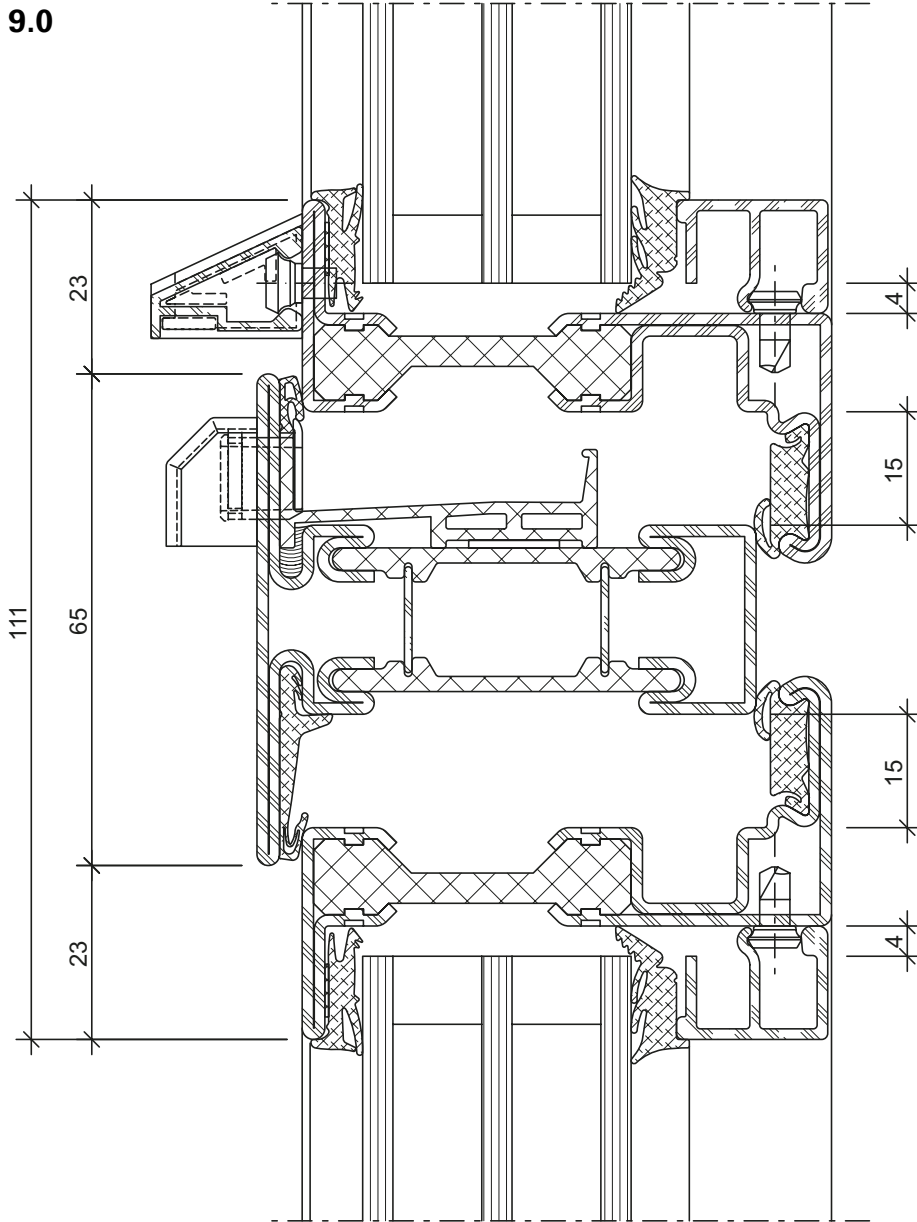
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

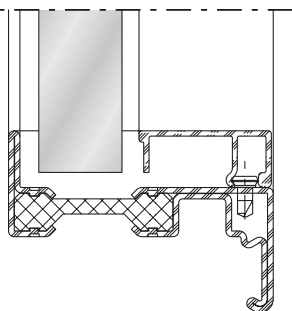
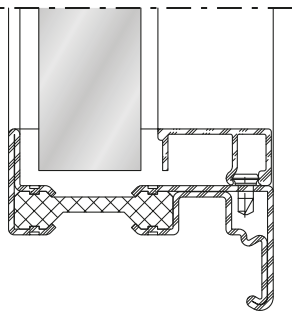
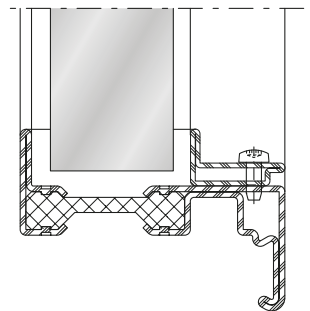
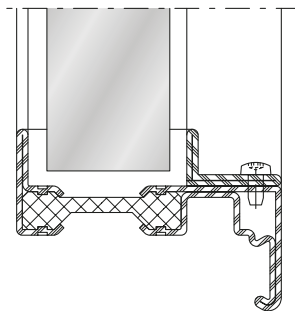
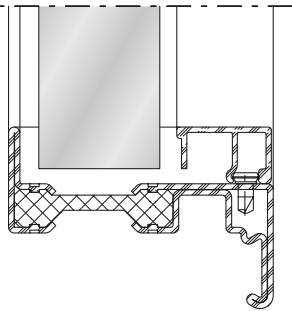
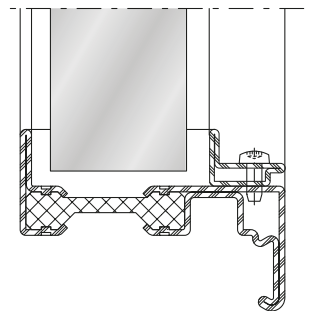
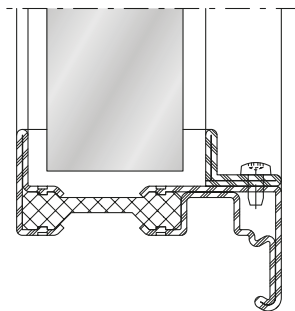
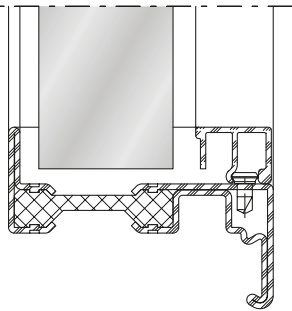
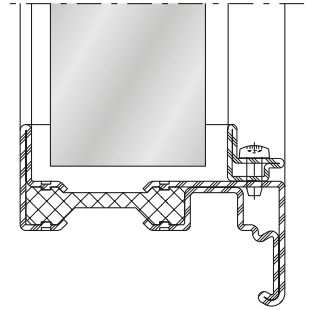
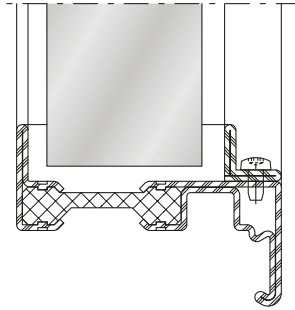
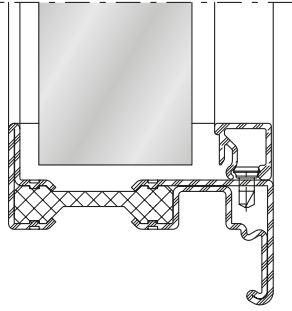


13-0108-C-020

DWG
DXF

Aluminium

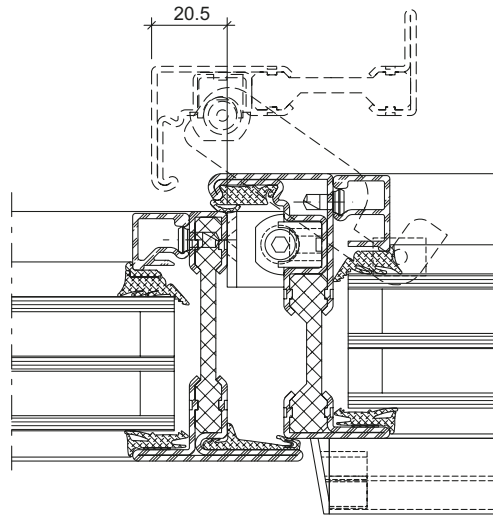
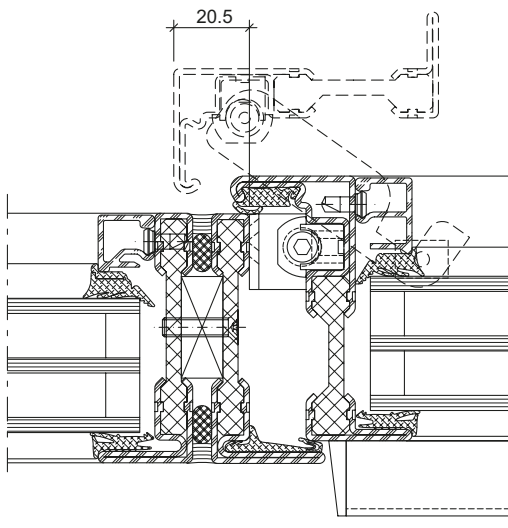
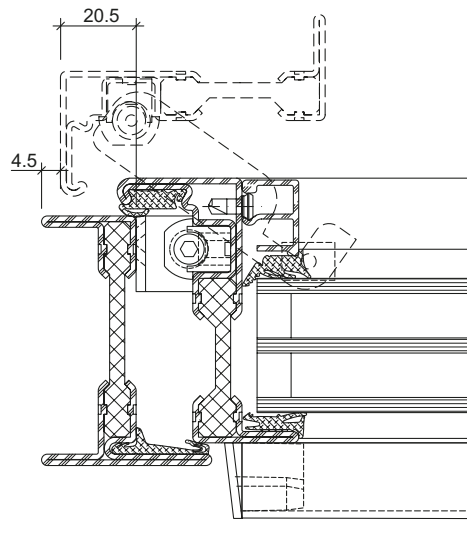
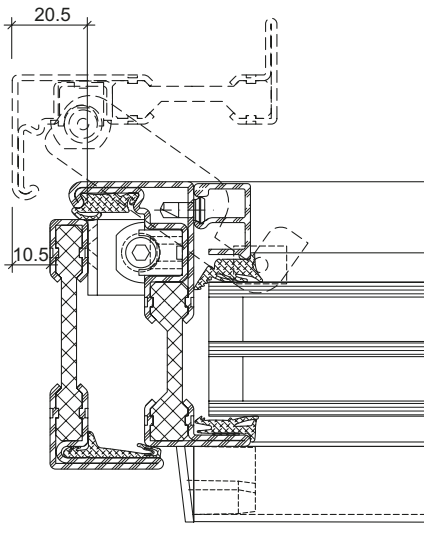
Stahl / Acier / Steel



Platzbedarf
Verdeckt liegender Fensterbeschlag

Espace nécessaire
Ferrure de fenêtre non apparente

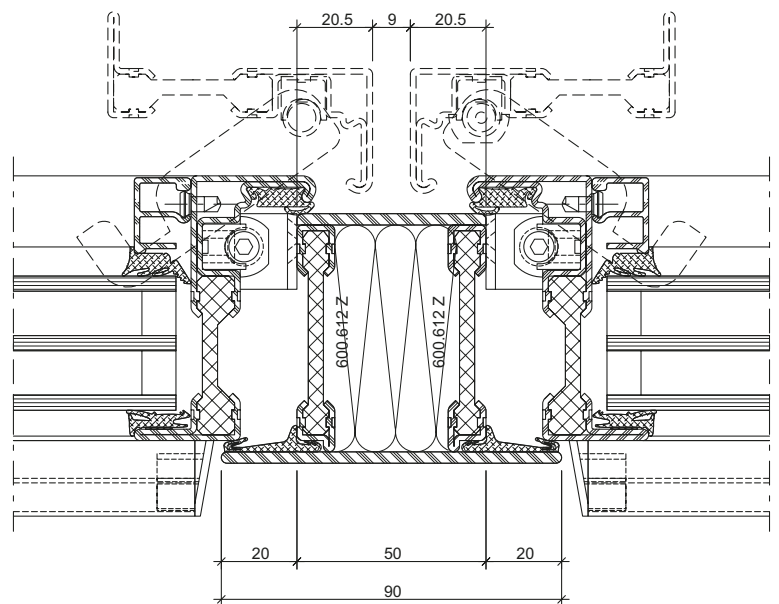
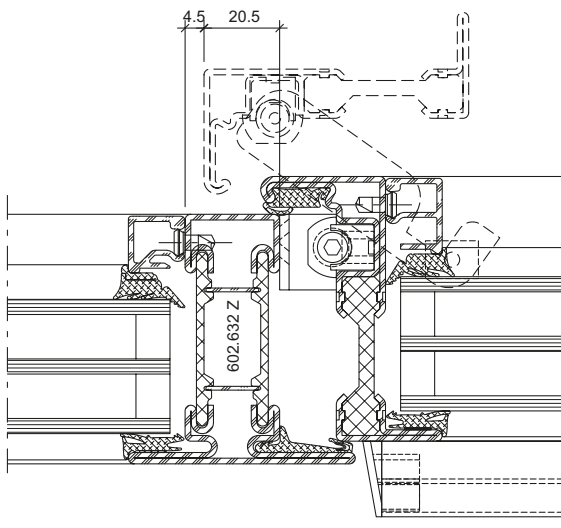
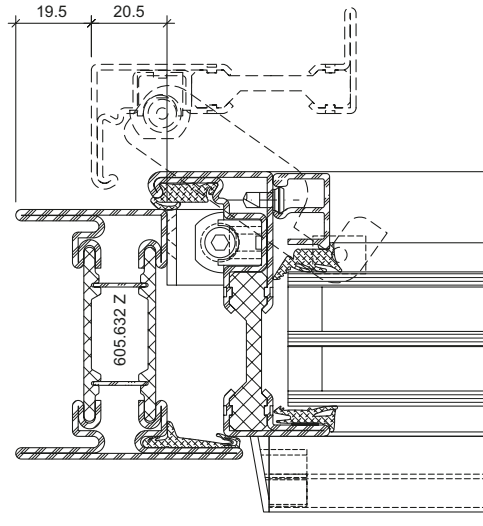
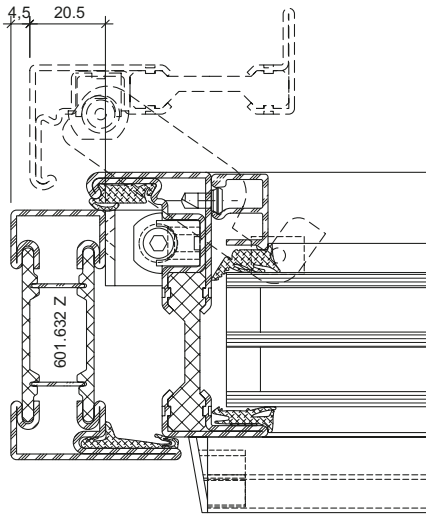
Space required
Concealed window fitting



Platzbedarf
Verdeckt liegender Fensterbeschlag

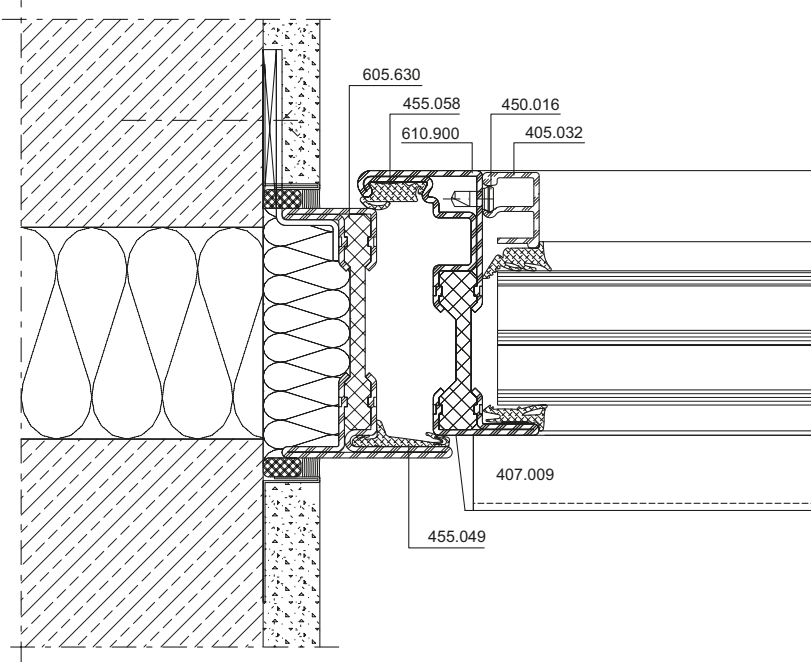
Espace nécessaire
Ferrure de fenêtre non apparente

Space required
Concealed window fitting



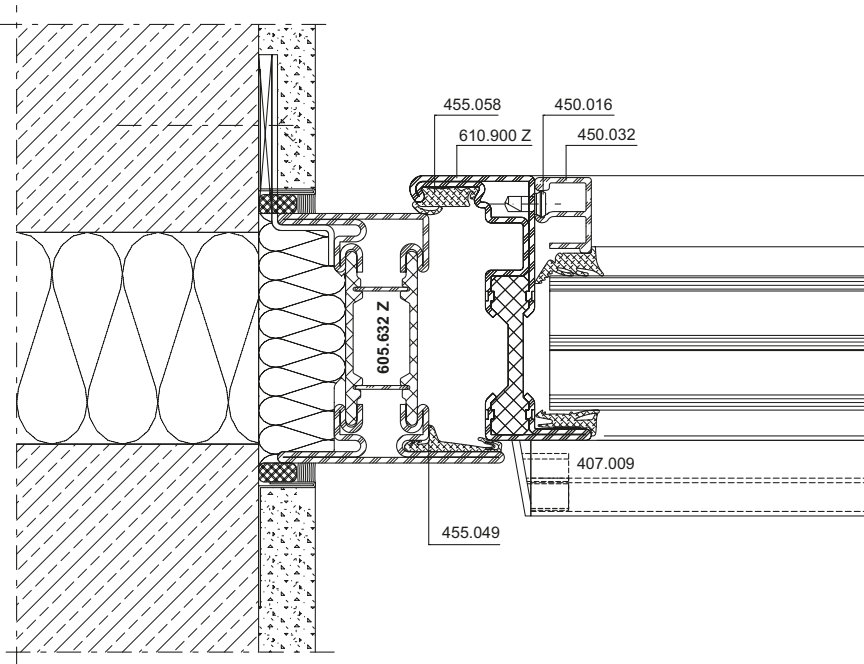
Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

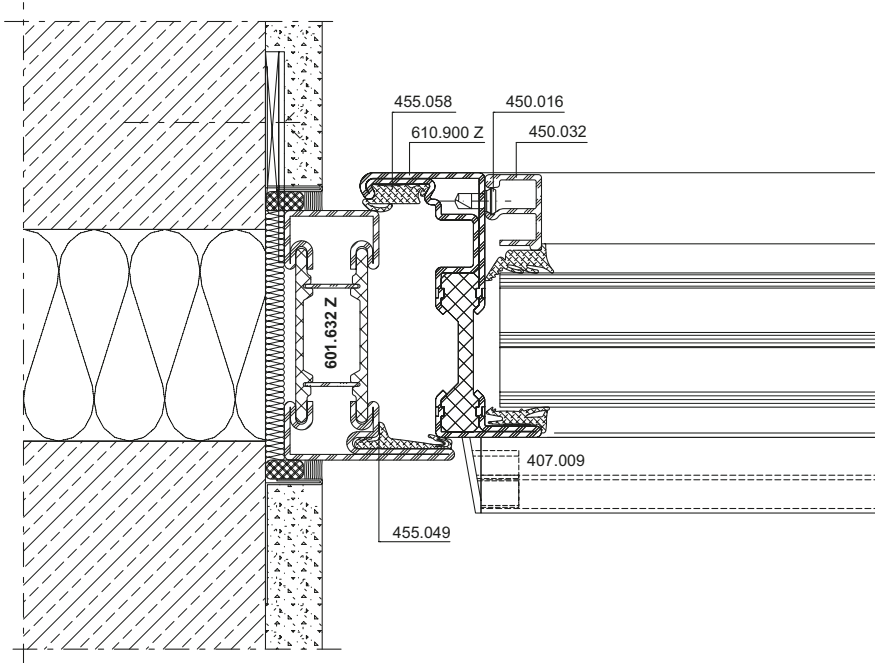
DXF **DWG** 13-0108-A-001



DXF **DWG** 13-0108-A-005

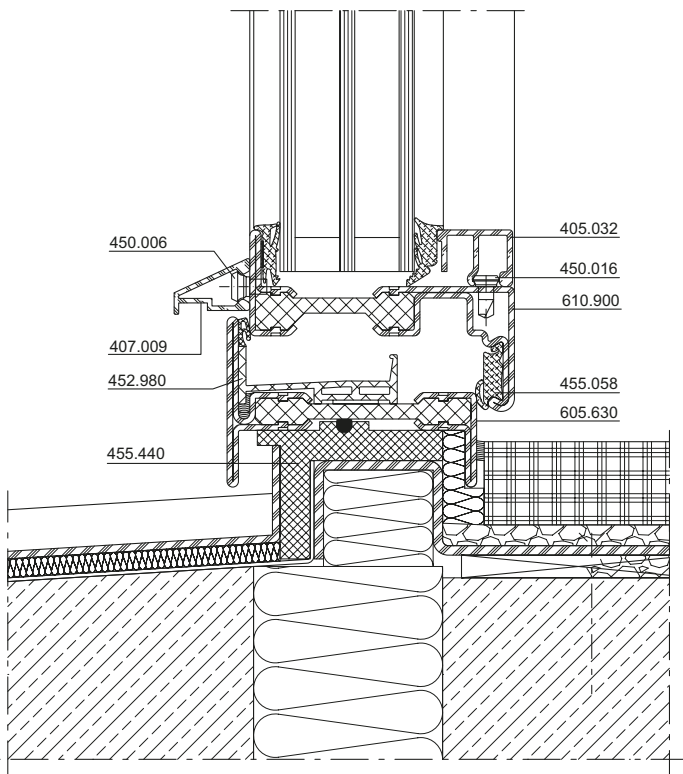
Anschlüsse am Bau im Massstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

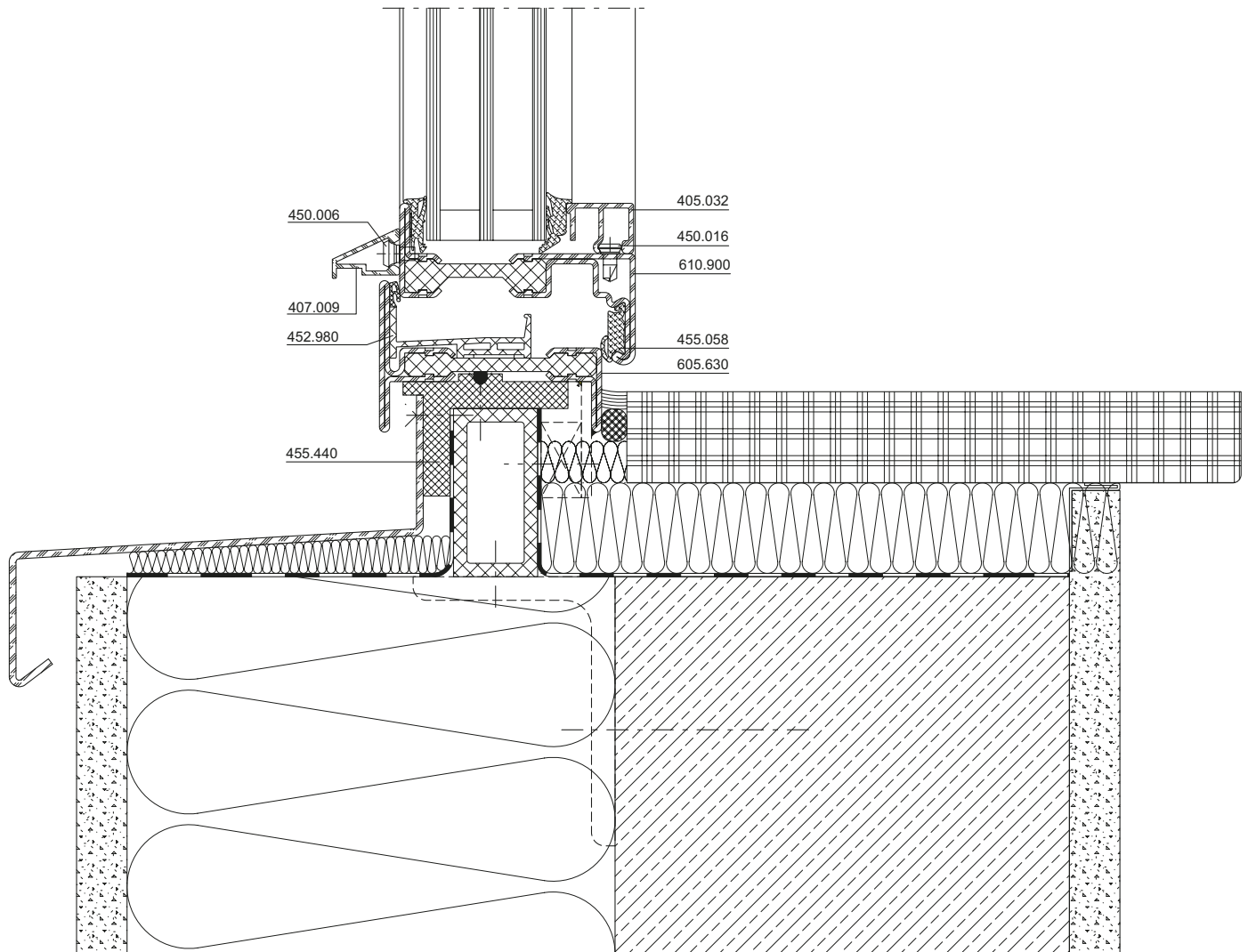


Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

DXF **DWG** 13-0108-A-006



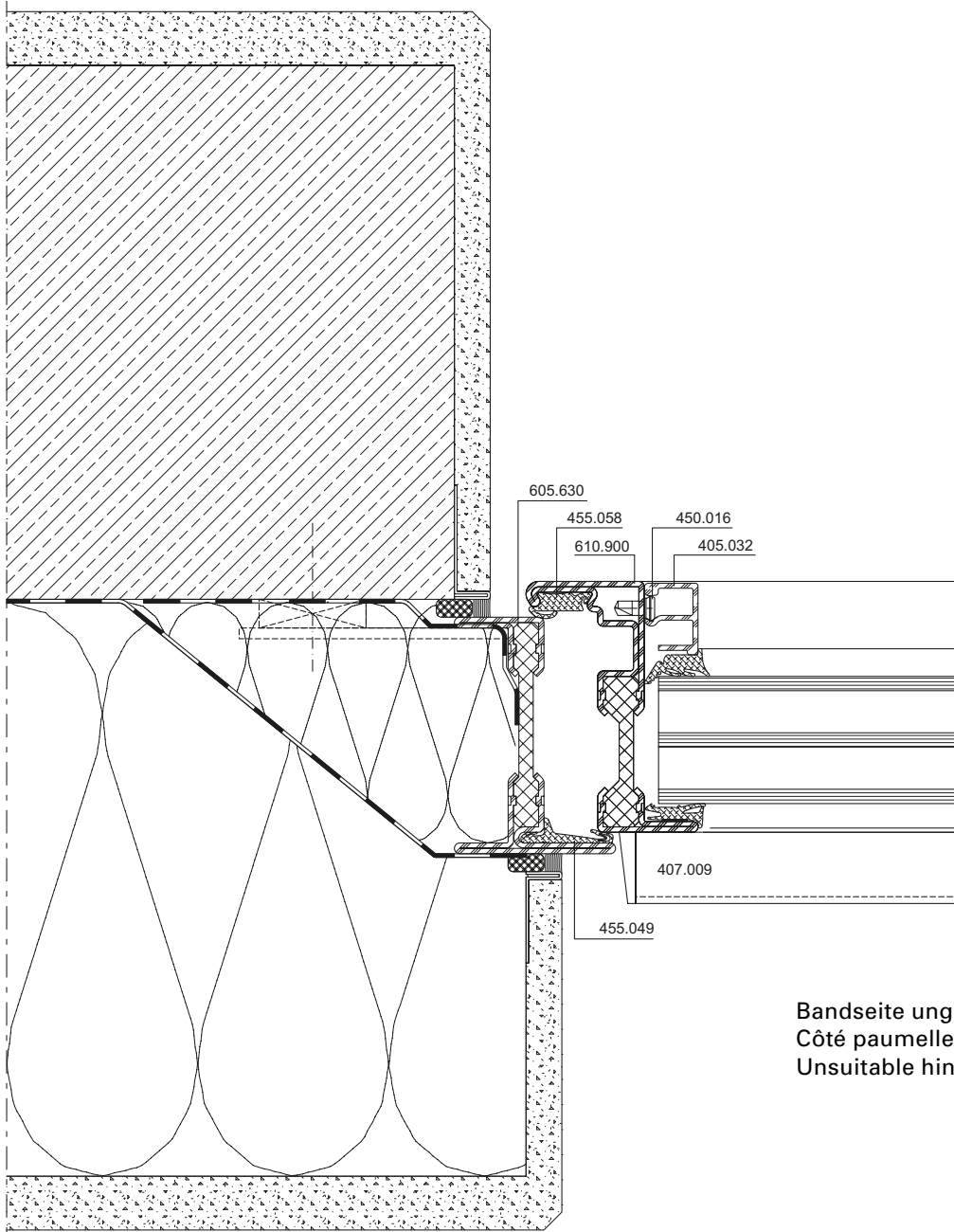
DXF **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

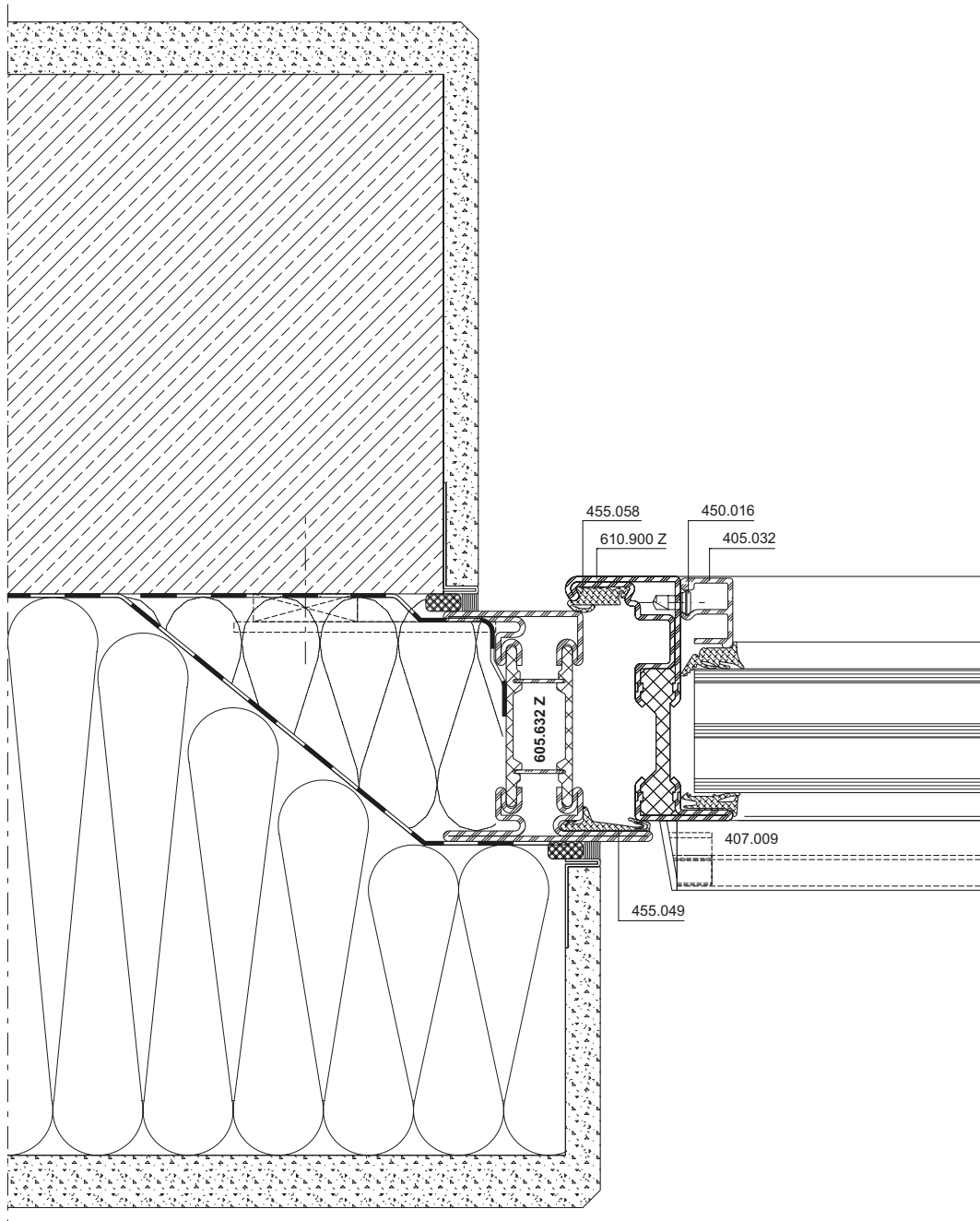
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

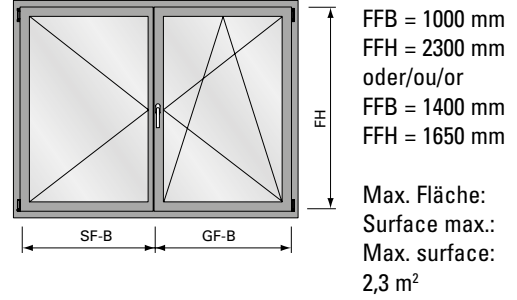
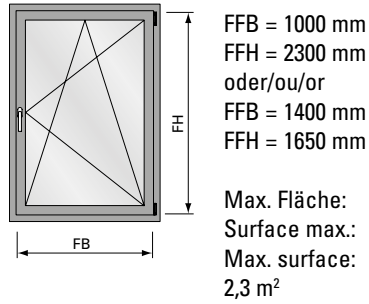
Caractéristiques de performances







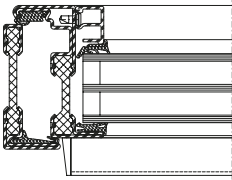
Performance values







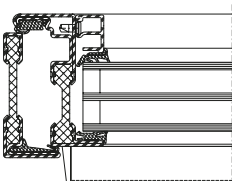
**Schlagregendichtheit
 Luftdurchlässigkeit
 Widerstand bei Windlast**

**Etanchéité à la pluie battante
 Perméabilité à l'air
 Résistance à la pression du vent**

**Watertightness
 Air permeability
 Resistance to wind load**



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

Leistungseigenschaften nach EN 14351-1
Caractéristiques de performance selon EN 14351-1
Performance characteristics according to EN 14351-1

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

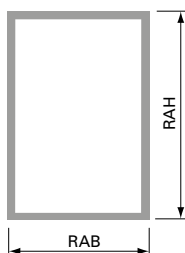
Étanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent




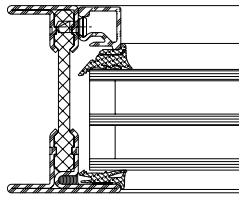
Watertightness
Air permeability
Resistance to wind load

Festverglasung

Vitrage fixe

Fixed glazing



	 EN 12208	 EN 12207	 EN 12210
RABxRAH 1230x1480 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

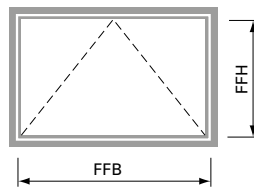
Etanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

Watertightness
Air permeability
Resistance to wind load

Kippfenster

Fenêtre à sofflet




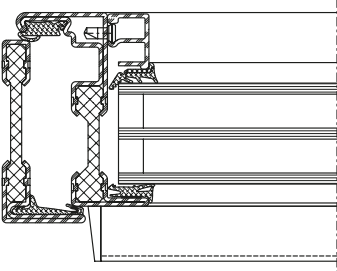
Bottom-hung window



FFB = 2300 mm
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes
 en fonction de l'écart de verrouillage
 depending on the distance between locking points

Max. Fläche:
 Surface max.:
 Max. surface:
 2,3 m²

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U_f-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U_f pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloles en aluminium
- Vitrage à mastic

U_f values
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U_f values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl
Zweifach-Isolierglas

Janisol Arte acier
Double verre isolant

Janisol Arte steel
Double insulating glazing

Janisol Arte Stahl
Dreifach-Isolierglas

Janisol Arte acier
Triple verre isolant

Janisol Arte steel
Triple insulating glazing

Janisol Arte Stahl
optimiert
Zweifach-Isolierglas

Janisol Arte acier
optimisé
Double verre isolant

Janisol Arte steel
optimised
Double insulating glazing

Janisol Arte Stahl
optimiert
Dreifach-Isolierglas

Janisol Arte acier
optimisé
Triple verre isolant

Janisol Arte steel
optimised
Triple insulating glazing

Janisol Arte Stahl
Zweifach-Isolierglas


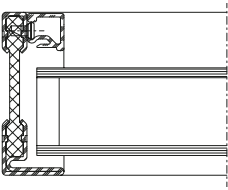
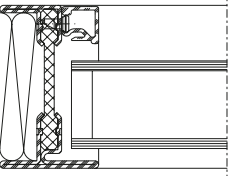
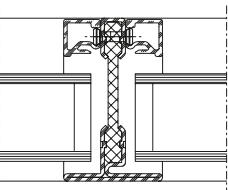
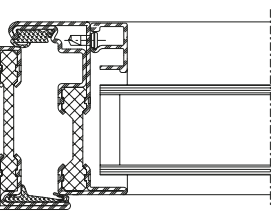
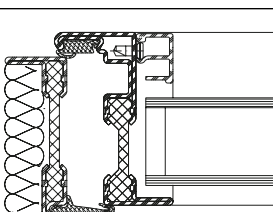
Festverglasungen und
 Fenster nach innen öffnend


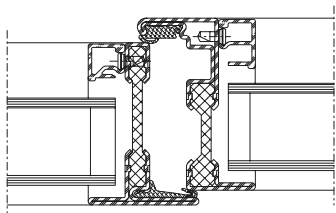
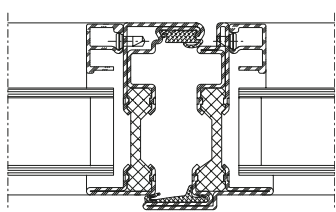
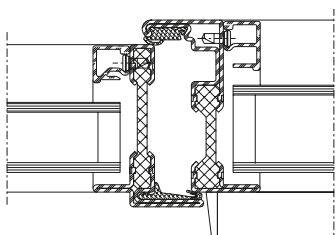
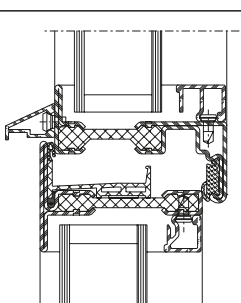
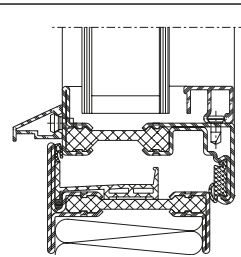
Janisol Arte acier
Double verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Double insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

**Janisol Arte Stahl
 Zweifach-Isolierglas**

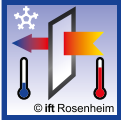
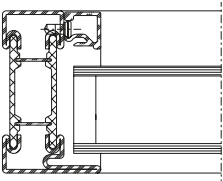
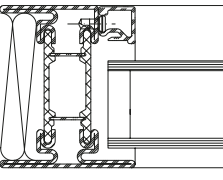
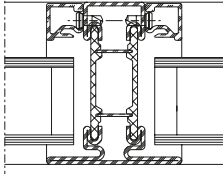
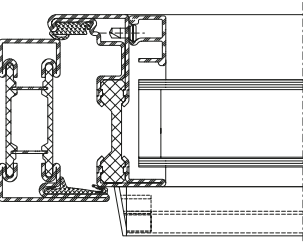
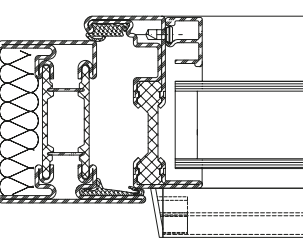
Festverglasungen und
 Fenster nach innen öffnend


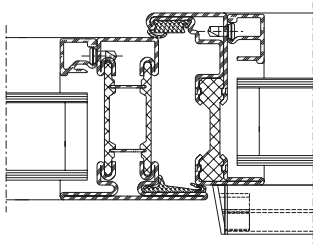
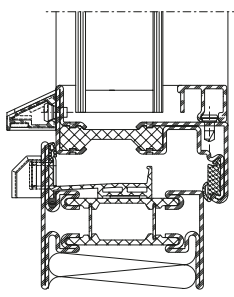
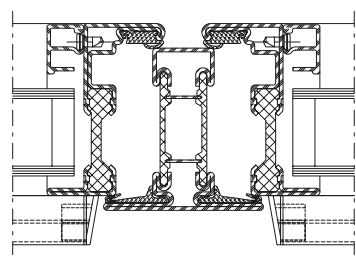
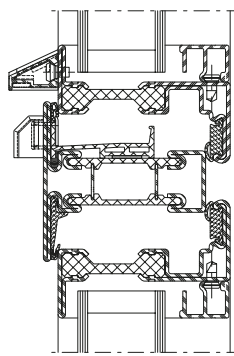
**Janisol Arte acier
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

Janisol Arte Stahl
Dreifach-Isolierglas

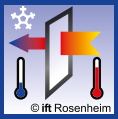
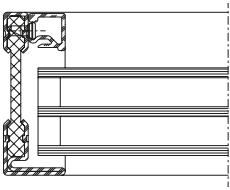
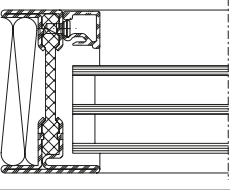
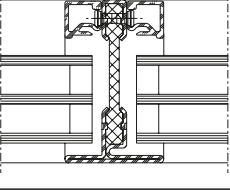
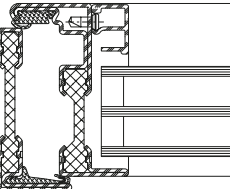
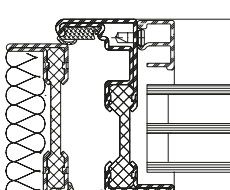
Festverglasungen und
 Fenster nach innen öffnend

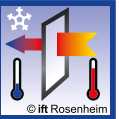
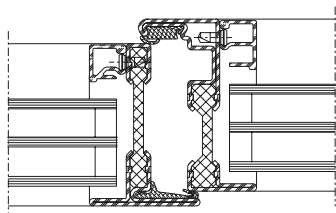
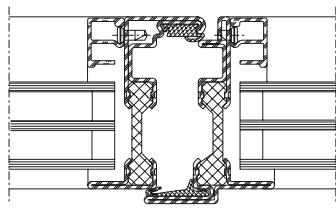
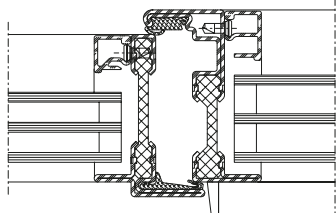
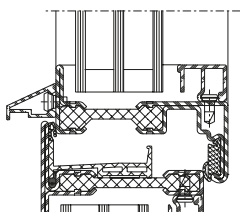
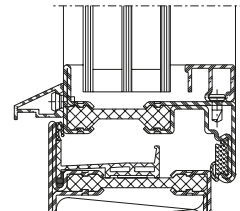
Janisol Arte acier
Triple verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Triple insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl
 Dreifach-Isolierglas**


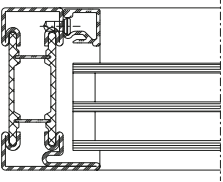
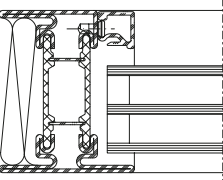
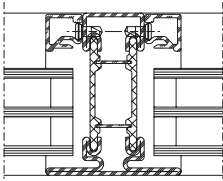
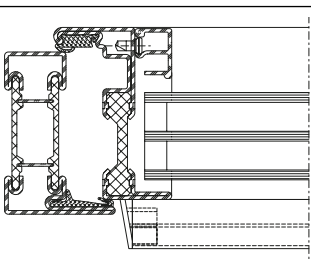
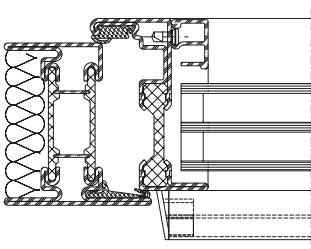
Festverglasungen und
 Fenster nach innen öffnend


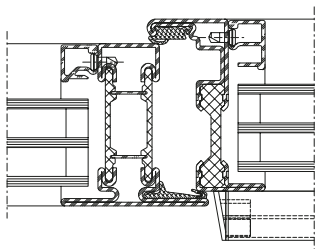
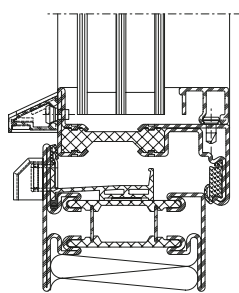
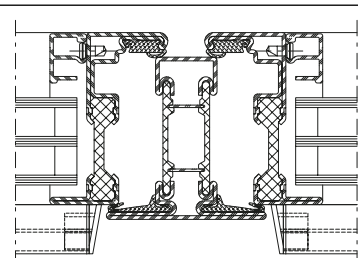
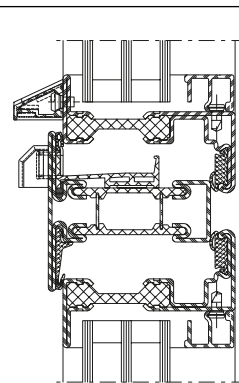
**Janisol Arte acier
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

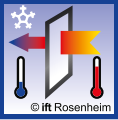
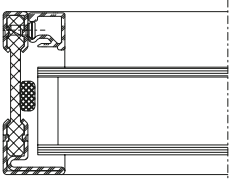
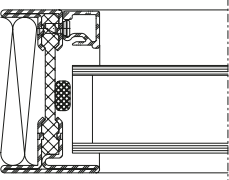
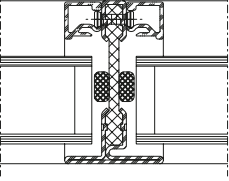
Festverglasungen und
 Fenster nach innen öffnend

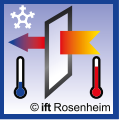
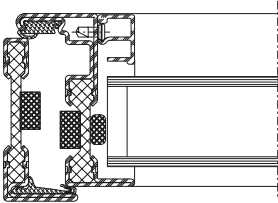
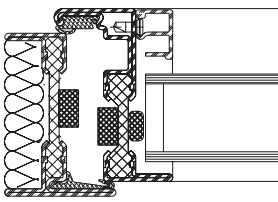
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m ² K	X
	1,8 W/m ² K	X
	2,1 W/m ² K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m ² K	2,5 W/m ² K
	2,7 W/m ² K	2,2 W/m ² K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

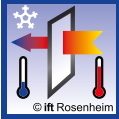
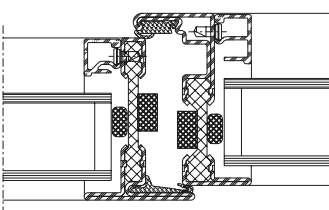
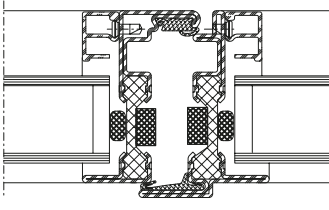
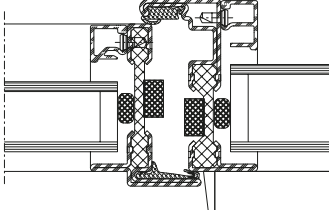
Festverglasungen und
 Fenster nach innen öffnend

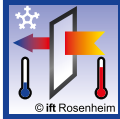
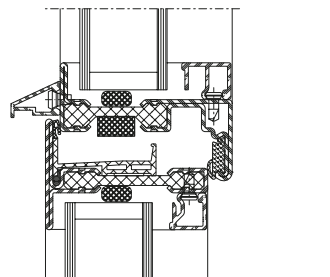
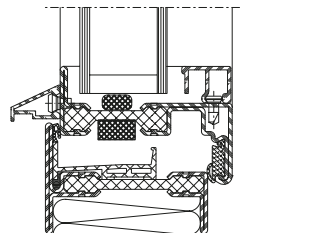
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,4 W/m²K
	3,0 W/m²K	2,5 W/m²K
	2,9 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,9 W/m²K	2,6 W/m²K
	2,6 W/m²K	2,4 W/m²K

**Janisol Arte Stahl
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 Zweifach-Isolierglas**

Festverglasungen und
 Fenster nach innen öffnend

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	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	1,8 W/m²K	X
	1,5 W/m²K	X
	1,7 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,8 W/m²K	X
	2,8 W/m²K	X

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

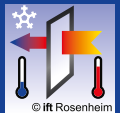
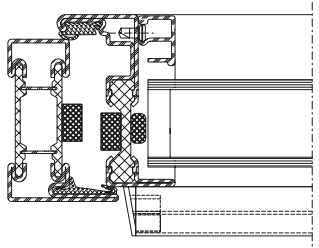
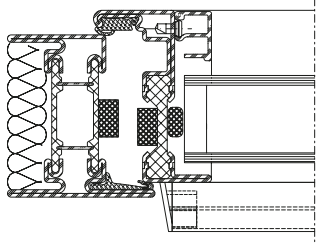
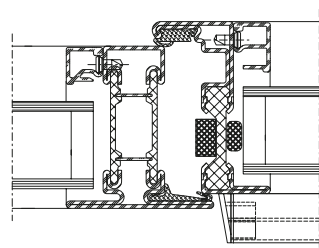
Festverglasungen und
 Fenster nach innen öffnend

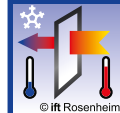
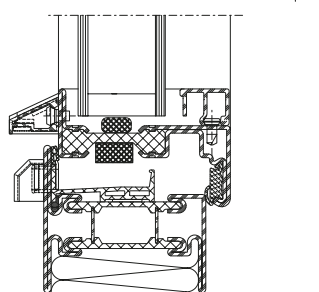
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

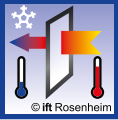
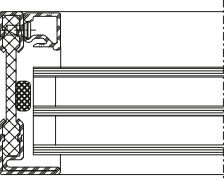
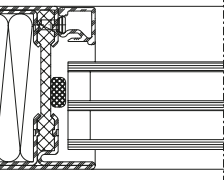
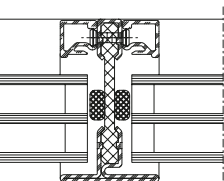
Festverglasungen und
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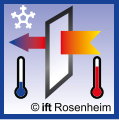
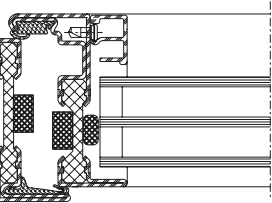
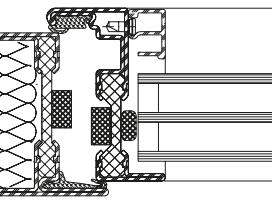
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	X
	1,6 W/m²K	X
	1,6 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


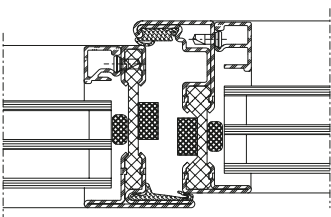
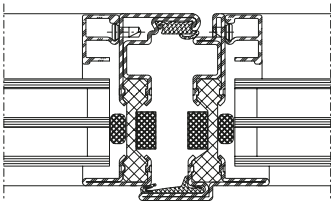
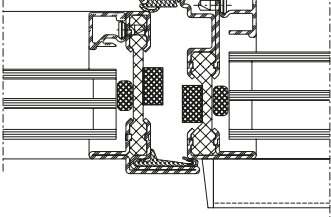
Festverglasungen und
 Fenster nach innen öffnend


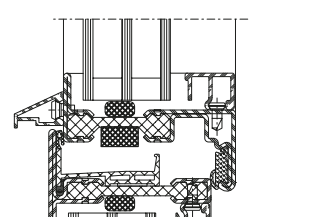
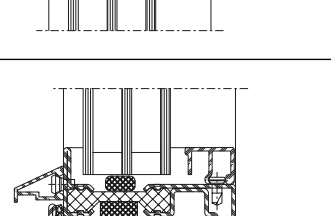
**Janisol Arte acier
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 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K

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 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


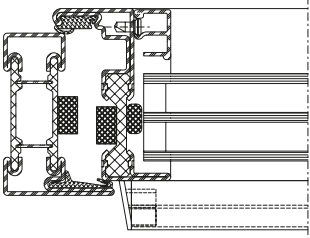
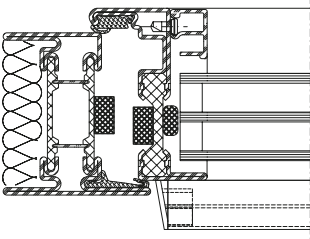
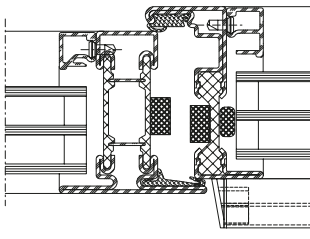
Festverglasungen und
 Fenster nach innen öffnend


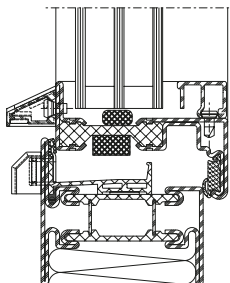
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

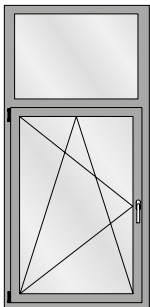
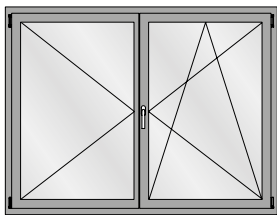
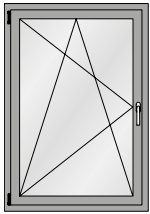
	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



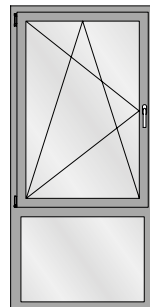
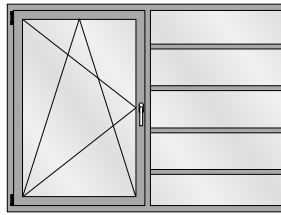
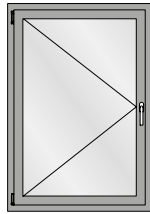
Schalldämmung

Ausführungsvarianten
Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.



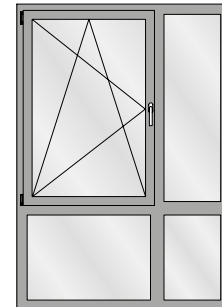
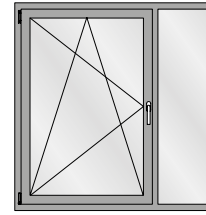
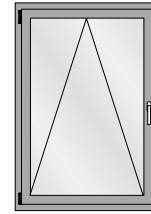
Isolation phonique

Modèles
L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.



Sound insulation

Design range
The following overview of types provides an overview of the evaluated designs.



Tabelle

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

Tableau A1

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

Table A1

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	Fenster Fenêtre Window	Glas Verre Glass	Korrekturen Corrections Corrections							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	K_{FF} dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	

Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung $R_{W, Fenster}$ beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens $R_{W, Fenêtre}$ est la suivante:

The value taken from table A1 for the sound insulation $R_{W, Window}$ is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

K_{FF}	Korrekturwert für Festverglasungen	K_{FF}	Valeur de correction pour vitrages fixes	K_{FF}	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$.	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$.
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$

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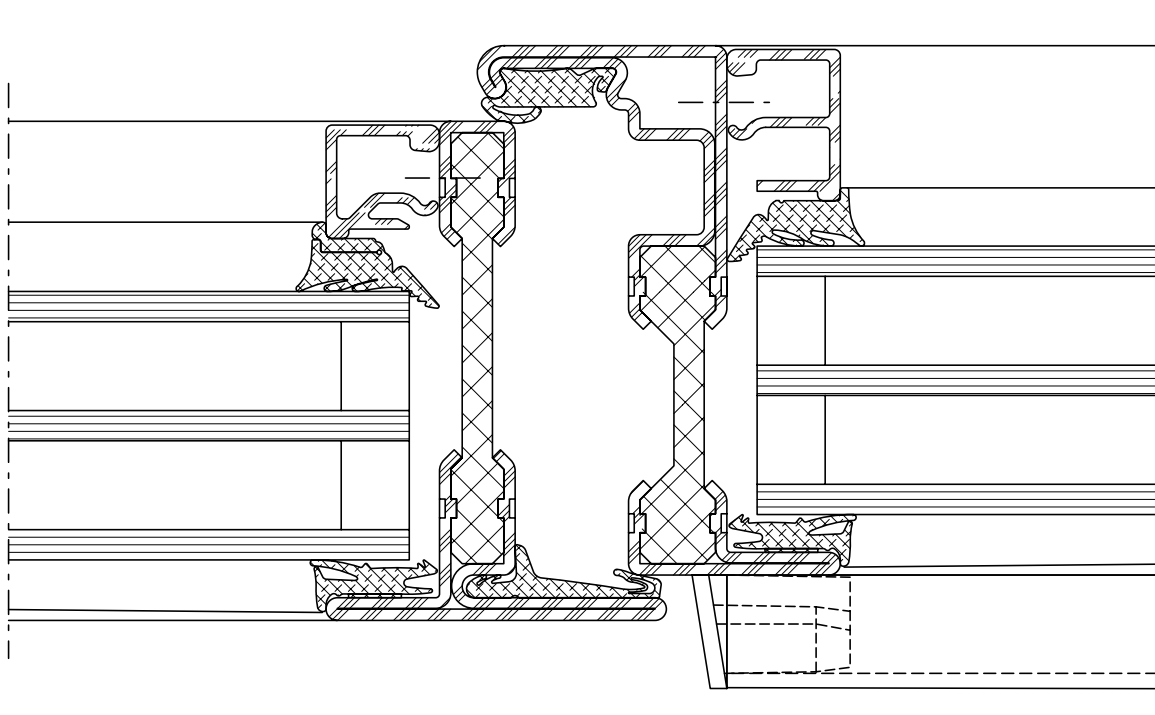
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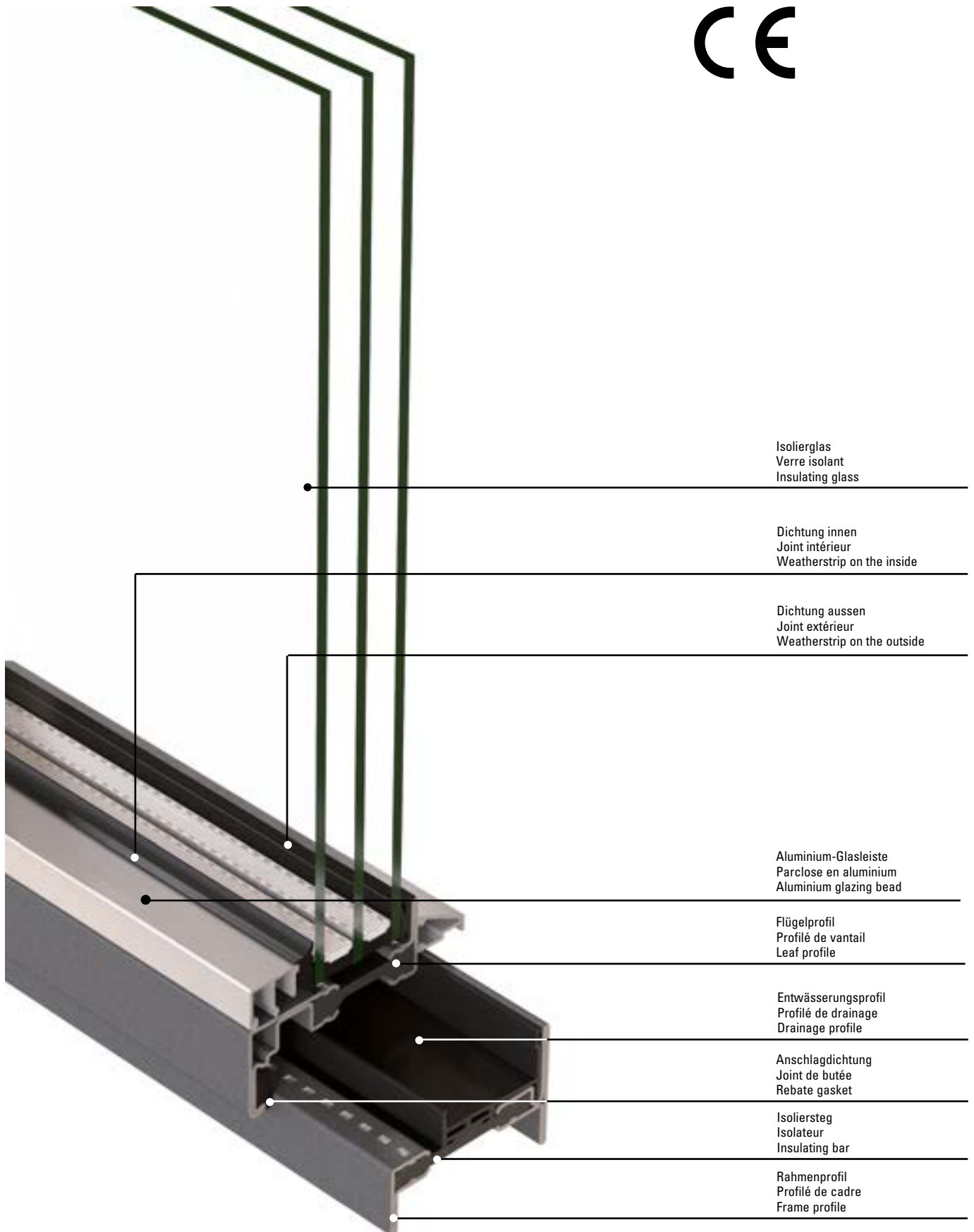
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Merkmale
Caractéristiques
Characteristics

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten: Fenstersprossen 40 mm Rahmen inkl. Flügel ab 53 mm Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweissverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face: Meneau de fenêtre 40 mm Cadre avec vantail à partir de 53 mm Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths: Window sash bars 40 mm Frame including vent from 53 mm Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value										
 EN 12210	Widerstandsfähigkeit bei Windlast Résistance à la pression du vent Resistance to wind load	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)					
 EN 12208	Schlagregendichtheit Étanchéité à la pluie battante Watertightness	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)
 EN ISO 10140	Schalldämmung R_w (C , C_{tr}) (dB) Isolation phonique R_w (C , C_{tr}) (dB) Sound insulation R_w (C , C_{tr}) (dB)	npd	bis R_w 47 dB (-2; -7) jusqu'à R_w 47 dB (-2; -7) up to R_w 47 dB (-2; -7)									
 EN ISO 10077-2	Wärmedurchgangskoeffizient U_f (W/(m ² ·K)) Transmission thermique U_f (W/(m ² ·K)) Thermal production U_f (W/(m ² ·K))	npd	ab 1,6 W/m ² ·K à partir de 1,6 W/m ² ·K from 1,6 W/m ² ·K									
 EN 12207	Luftdurchlässigkeit Perméabilité à l'air Air permeability	npd	1 (150)	2 (300)	3 (600)	4 (600)						
 EN 14351-1	Tragfähigkeit von Sicherheitsvorrichtungen Capacité portante des dispositifs de sécurité Load-bearing capacity of safety devices	npd	Anforderung erfüllt Exigence remplie Requirement satisfied									
 EN 13115	Mechanische Festigkeit Résistance mécanique Mechanical strength	npd	1	2	3	4						
 EN 13115	Bedienkräfte Forces de manœuvre Operating forces	npd	0	1	2							
 EN 13049	Stoßfestigkeit Résistance aux chocs Impact resistance	npd	1	2	3	4	5					
 EN 14024	Metallprofile mit thermischer Trennung Profils en métal. avec rupture de pont thermique Metal profiles with thermal barrier	CW / TC2 / A										
 DIN 18008-4	Vorgefertigte absturzsichernde Verglasung Vitrage anti-chutes préfabriqué Prefabricated glazing suitable for safety barrier loading											Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled

npd = keine Leistung festgestellt
(no performance determined)

npd = aucune performance
déterminée
(no performance determined)

npd = no performance determined

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Information and advice

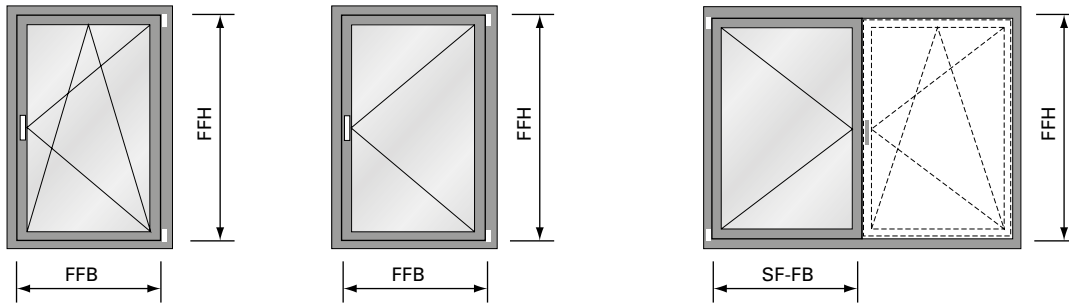
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Technische Daten**Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

Janisol Arte 66

*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m ²

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtre à deux vantaux:*

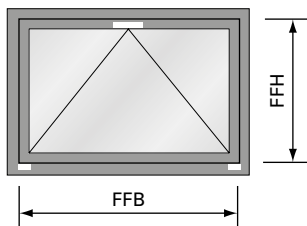
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m ²

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m ²

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
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*Grandeur du vantail**fenêtre à soufflet:*

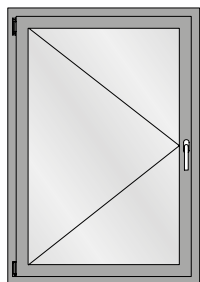
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
-------------	-------

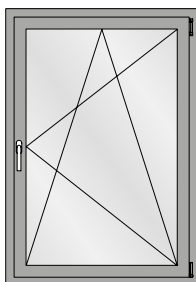
*Size of vent**bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

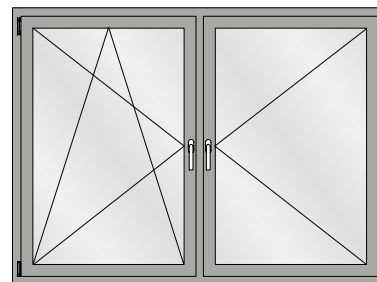
Max. weight:	80 kg
--------------	-------



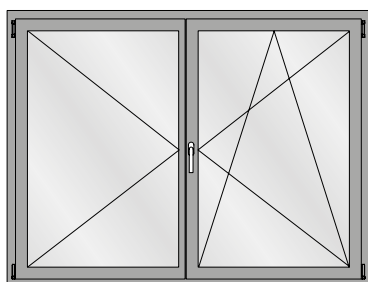
Drehflügel
Fenêtre à la française
Side-hung window



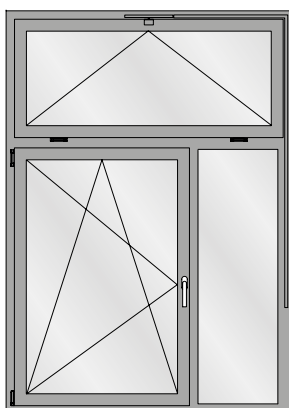
Drehkipp-Flügel
Vantail oscillo-battant
Turn/tilt window



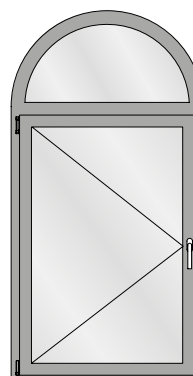
Drehkipp/Drehflügel (mit Pfosten)
Vantail oscillo-battant/fenêtre à la française
(avec montant)
Side-hung/turn/tilt window (with mullion)



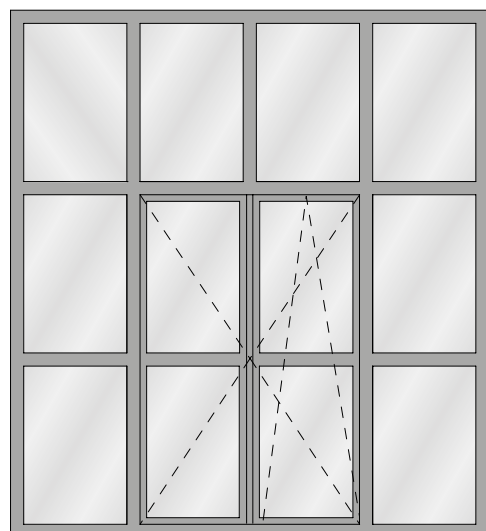
Stulpfenster
Fenêtre à deux vantaux
Double leaf window



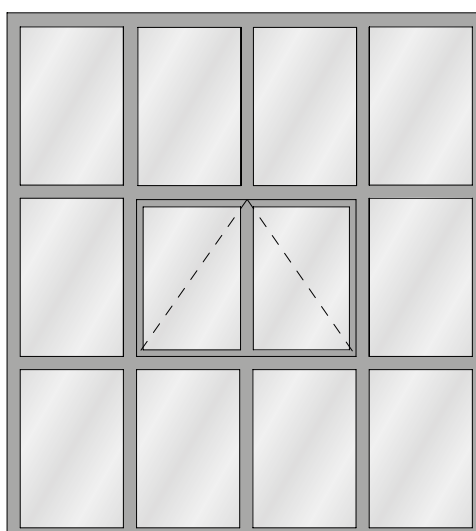
Fenster Drehkipp mit Oberlicht
Vantail oscillo-battant avec imposte
Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht
Fenêtre à la française avec imposte demi-rond
Side hung window with round arched top light



Drehkipp-Flügel mit Festverglasung
Vantail oscillo-battant avec vitrage fixe et imposte
Turn/tilt window with fixed lights and top lights



Kippfenster
Fenêtre à soufflet
Bottom-hung window

Profilübersicht

Sommaire des profilés

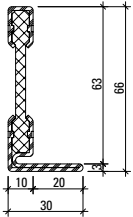
Summary of profiles

Janisol Arte 66

Janisol Arte 66

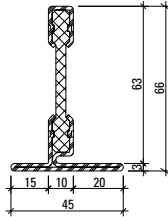
Janisol Arte 66

**Profile mit Lappen 20 mm
(Rahmen Drehkipp-Fenster)**

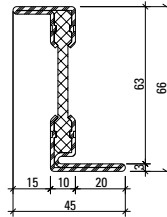


601.630 Z
601.630.09

**Profilés avec battue 20 mm
(cadre fenêtre oscillo-battante)**

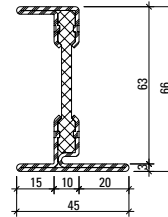


602.630 Z
602.630.09

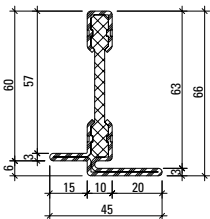


603.630 Z
603.630.09

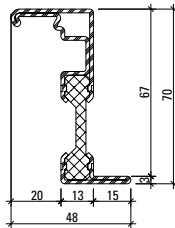
**Profiles with lips, 20 mm
(turn/tilt window frame)**



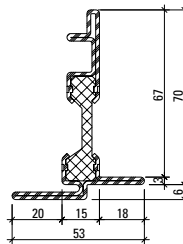
605.630 Z
605.630.09



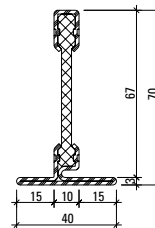
602.631 Z
602.631.09



610.900 Z
610.900.09

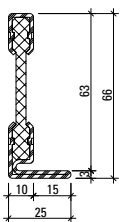


610.901 Z
610.901.09



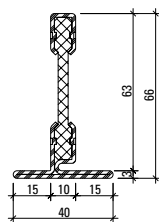
602.611.7 Z
602.611.79

**Profile mit Lappen 15 mm
(Festverglasungen)**

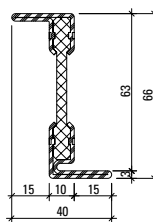


601.612 Z

**Profilés avec battue 15 mm
(Vitrages fixes)**

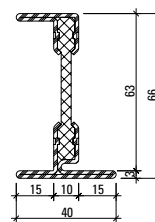


602.613 Z



603.612 Z
603.612.01
603.612.09

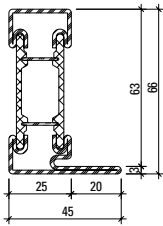
**Profiles with lips 15 mm
(Fixed glazings)**



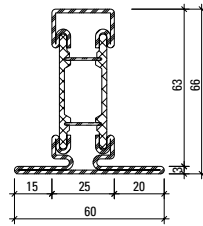
605.612 Z

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.630 Z	2,276	9,63	2,12	1,37	0,65	0,214
602.630 Z	2,615	10,65	2,20	2,42	1,02	0,243
603.630 Z	2,619	14,84	3,93	2,42	1,02	0,243
605.630 Z	2,958	16,83	4,05	3,19	1,24	0,272
602.631 Z	2,609	10,11	2,14	2,41	1,01	0,242
602.611.7 Z	2,353	11,85	2,35	1,68	0,84	0,241

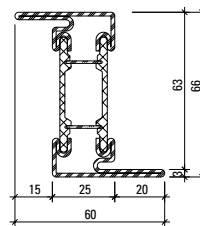
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.612 Z	2,159	9,23	2,12	0,83	0,48	0,204
602.613 Z	2,497	10,41	2,20	1,71	0,85	0,233
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234
605.612 Z	2,840	16,21	4,02	2,35	1,07	0,262
610.900 Z	3,048					0,272
610.901 Z	3,410					0,298



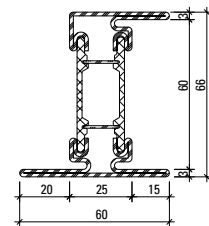
601.632 Z



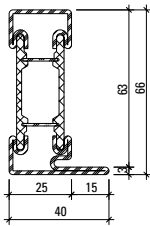
602.632 Z



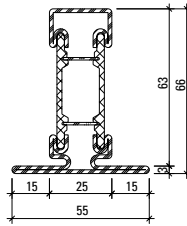
603.632 Z



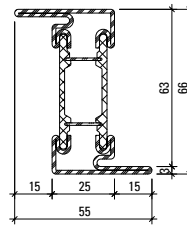
605.632 Z



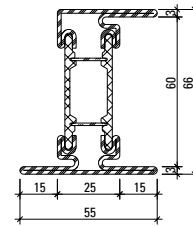
601.645 Z



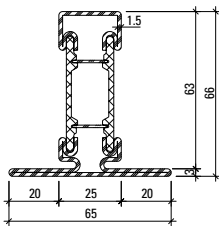
602.645 Z



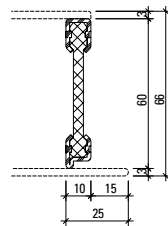
603.645 Z



605.645 Z



602.633 Z



600.612 Z

Oberfläche/Werkstoff

Artikel-Nr.

mit Z = bandverzinkter Stahl

Werkstoff 1.4401 (AISI 316)

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

Werkstoff

mit x9 = Stahl KB DOCOL 355W (Corten)

Edelstahl geschliffen auf Anfrage

Surface/Matériau

No. d'article

avec Z = bande d'acier zinguée

Matériau 1.4401 (AISI 316)

avec 01 = brut

avec 03 = polies, grain 220-240

Matériau

avec x9 = acier KB DOCOL 355W (Corten)

Acier Inox polie sur demande

Surface/Material

Part no.

with Z = strip galvanised steel

Material 1.4401 (AISI 316)

with 01 = bright

with 03 = polished, grain 220-240

Material

with x9 = steel KB DOCOL 355W (Corten)

Stainless steel polished on request

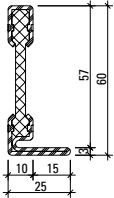
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.632 Z	3,217	16,98	4,21	4,70	1,67	0,249
601.645 Z	3,100	16,29	4,16	3,70	1,52	0,239
602.632 Z	3,701	19,13	4,34	7,15	2,28	0,290
602.645 Z	3,584	18,63	4,31	5,88	2,14	0,280
603.632 Z	3,700	22,63	6,61	7,16	2,28	0,290

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
603.645 Z	3,583	21,56	6,53	5,88	2,14	0,280
605.632 Z	4,184	26,12	6,83	9,02	2,68	0,331
605.645 Z	4,067	25,31	6,78	7,54	2,53	0,321
602.633 Z	3,819	19,58	4,37	8,53	2,62	0,300
600.612 Z	1,292	4,39	1,44	0,14	0,26	0,150

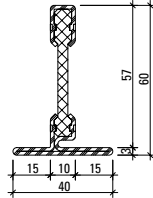
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profilés Janisol Arte 2.0
(Lappen 15 mm)

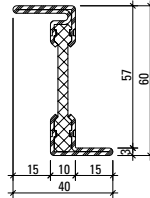
Profiles Janisol Arte 2.0
(Lappen 15 mm)



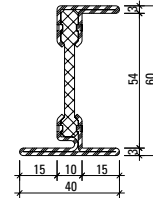
601.611 Z
601.611.01
601.611.09



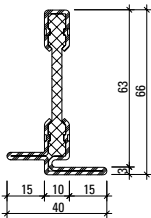
602.611 Z
602.611.01
602.611.09



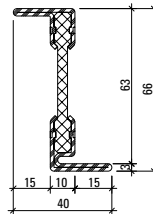
603.611 Z
603.611.01
603.611.09



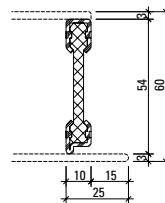
605.611 Z
605.611.01
605.611.09



602.612 Z
602.612.01
602.612.09



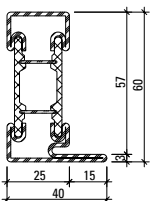
603.612 Z
603.612.01
603.612.09



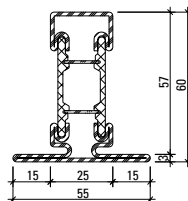
600.609 Z

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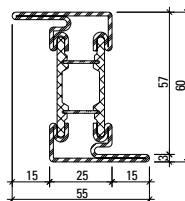
DXF **DWG**



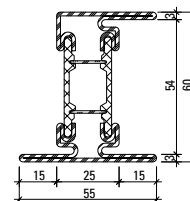
601.615 Z
601.615.09



602.615 Z
602.615.01
602.615.09



603.615 Z
603.615.09



605.615 Z
605.615.09

Stirnseitige Kennzeichnung
 Edelstahl (01) = Blau
 Corten (09) = Grün

Marquage en face avant
 Acier inox (01) = Bleu
 Corten (09) = Vert

Labelling on the front
 Stainless steel (01) = Blue
 Corten (09) = Green

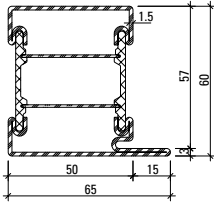
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.611 Z	1,930	7,31	1,85	0,78	0,46	0,192
602.611 Z	2,269	11,85	2,35	1,68	0,84	0,241
603.611 Z	2,273	11,13	3,47	1,68	0,84	0,222
605.611 Z	2,612	13,04	3,60	2,31	1,05	0,251
602.612 Z	2,491	9,75	2,11	1,71	0,85	0,232
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
600.609 Z	1,242	3,39	1,23	0,14	0,26	0,138
601.615 Z	3,020	12,93	3,64	3,70	1,52	0,227
602.615 Z	3,516	14,85	3,79	5,88	2,14	0,268
603.615 Z	3,515	17,23	5,74	5,88	2,14	0,268
605.615 Z	3,999	20,27	5,97	7,53	2,53	0,309

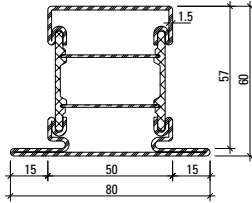
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profilés Janisol Arte 2.0
(Lappen 15 mm)

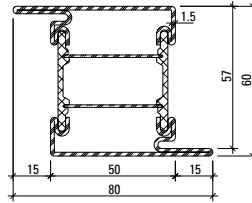
Profiles Janisol Arte 2.0
(Lappen 15 mm)



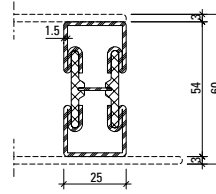
601.616 Z



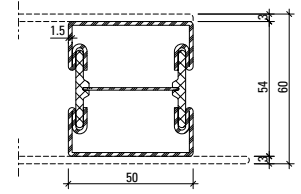
602.616 Z



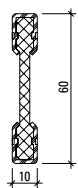
603.616 Z



600.008 Z



600.007 Z



600.610 Z

Oberfläche/Werkstoff	
Artikel-Nr.	
mit Z	= bandverzinkter Stahl
Werkstoff 1.4401 (AISI 316)	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
Werkstoff	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
avec Z	= bande d'acier zinguée
Matériau 1.4401 (AISI 316)	
avec 01	= brut
avec 03	= polies, grain 220-240
Matériau	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
with Z	= strip galvanised steel
Material 1.4401 (AISI 316)	
with 01	= bright
with 03	= polished, grain 220-240
Material	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

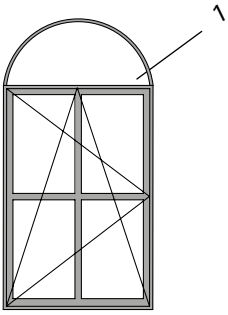
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.616 Z	3,746	17,89	5,20	16,30	4,60	0,295
602.616 Z	4,239	20,08	5,33	22,41	5,60	0,318
603.616 Z	4,219	22,02	7,34	22,38	5,59	0,318
600.610 Z	1,532	4,94	1,65	0,18	0,36	0,151
600.008 Z	2,826	8,12	2,82	2,57	5,06	0,170
600.007 Z	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für
 Edelstahlprofile
 Poids pour profilés
 en acier Inox
 Weights for
 stainless steel profiles**

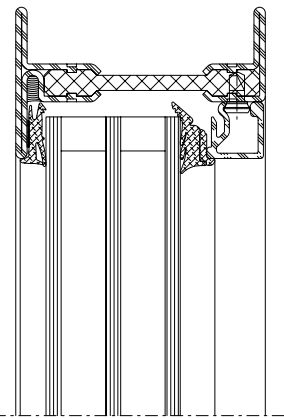
601.611.01	= 1,964 kg/m
602.611.01	= 2,311 kg/m
603.611.01	= 2,316 kg/m
605.611.01	= 2,663 kg/m
602.612.01	= 2,536 kg/m
603.612.01	= 2,548 kg/m
602.615.01	= 3,517 kg/m

Bogenfenster
Fenêtres cintrées
Arched windows

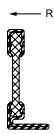
Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66



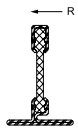
1.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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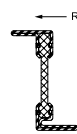


601.612 Z	450 mm
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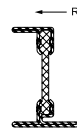


602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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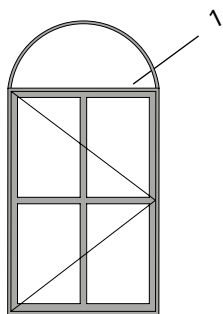
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



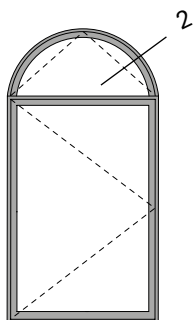
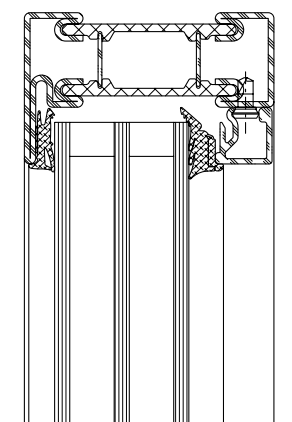
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



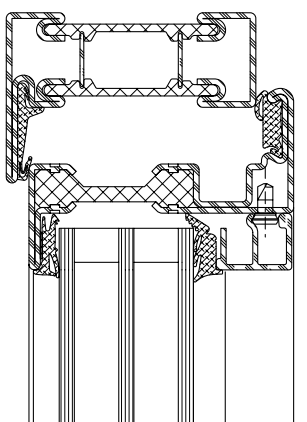
402.990	300 mm
402.991	300 mm
402.992	300 mm



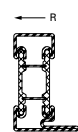
1.0



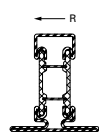
2.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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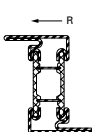


601.632 Z	600 mm
601.645 Z	600 mm

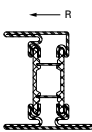


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

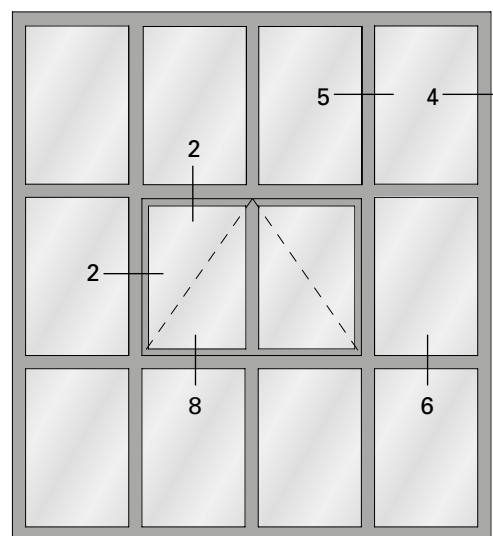
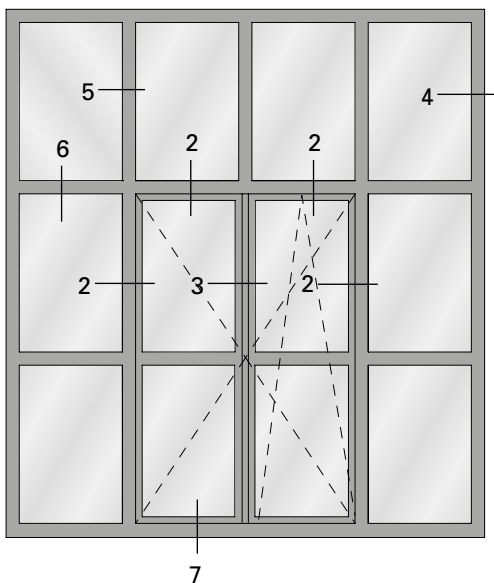
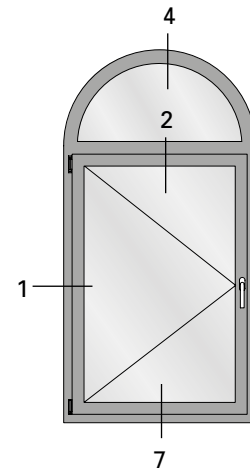
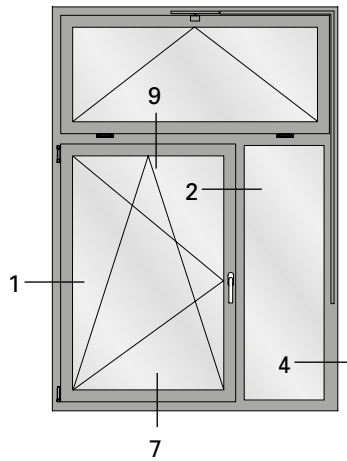
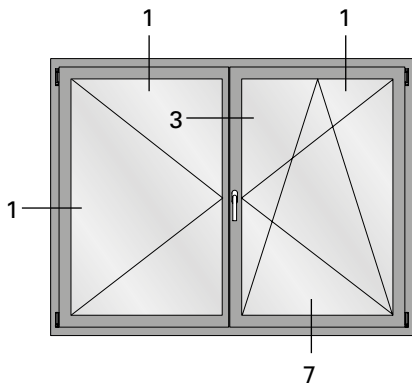
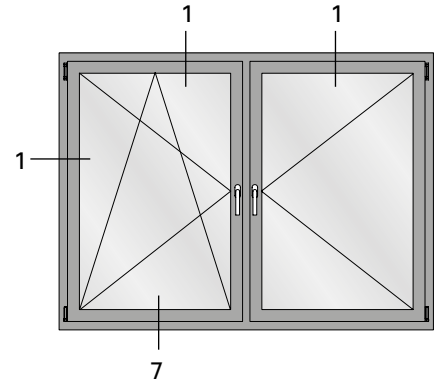
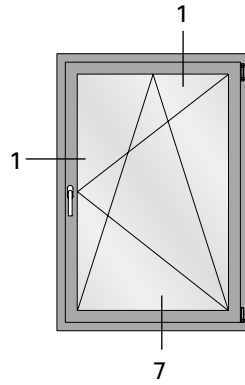
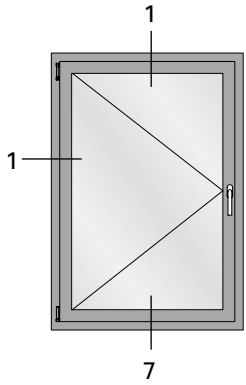
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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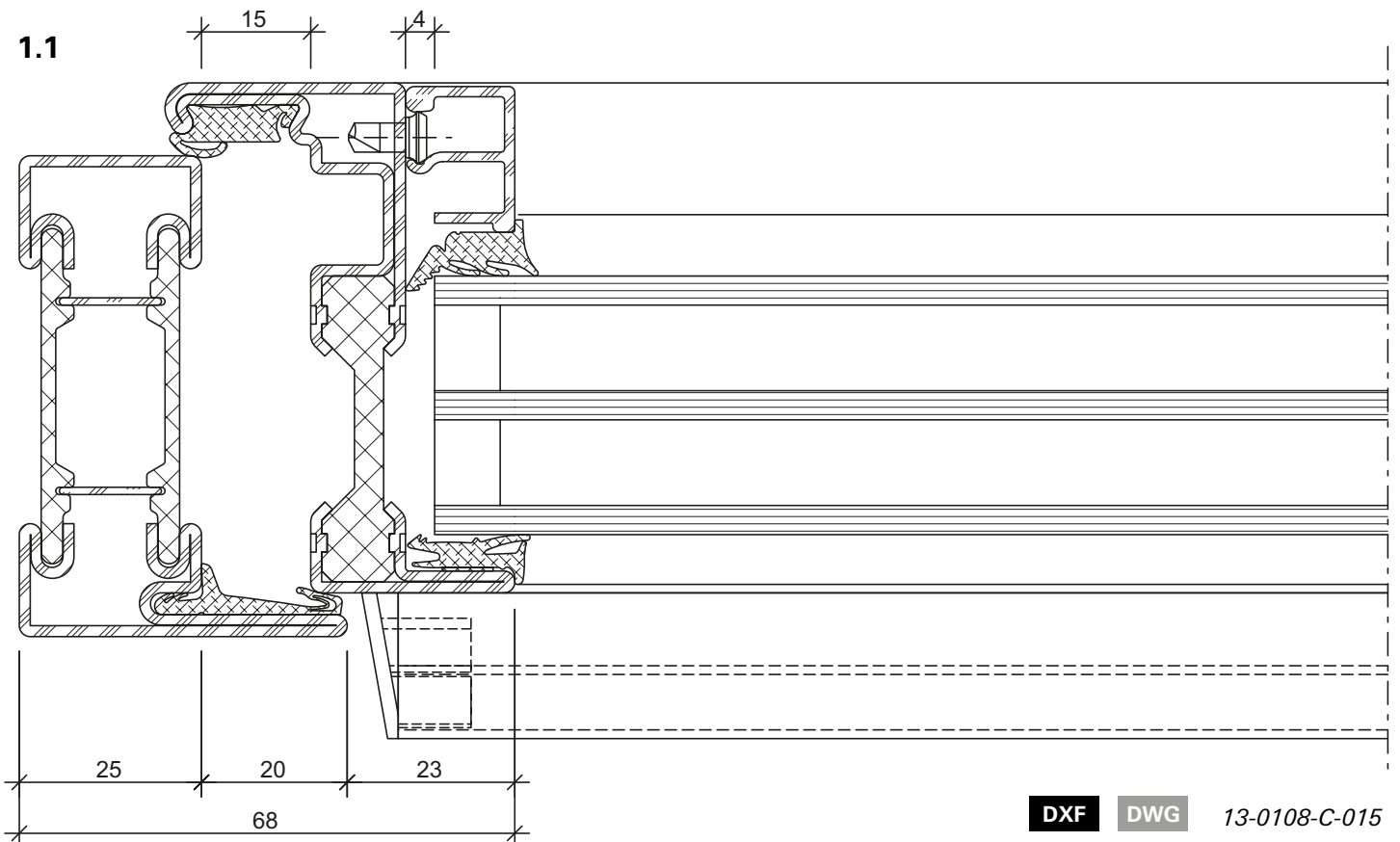
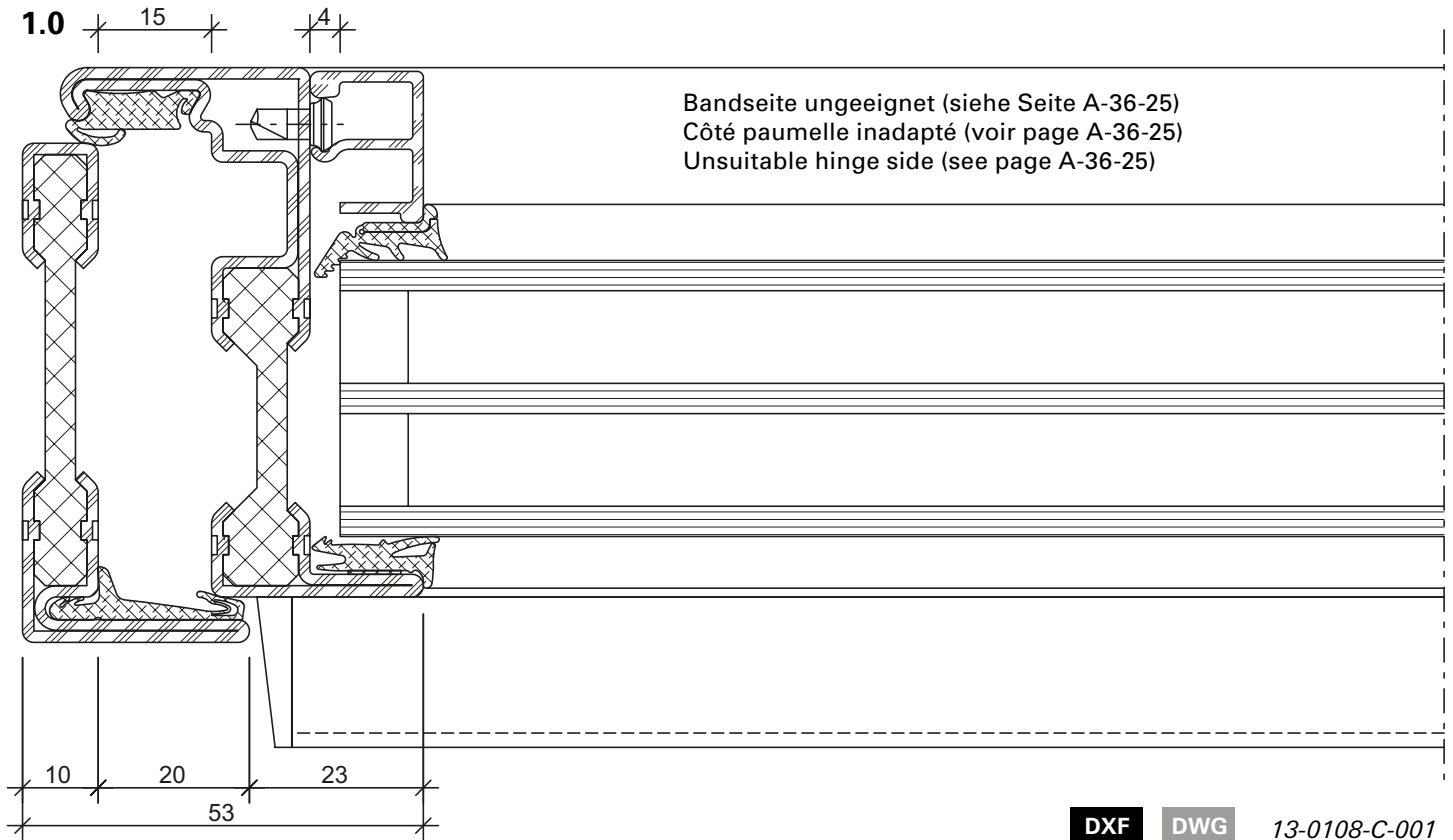


406.930	300 mm
406.931	300 mm
406.932	300 mm

Schnittpunkte nach innen öffnend
Coupe de détails ouvrant vers l'intérieur
Section details opening inwards

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66

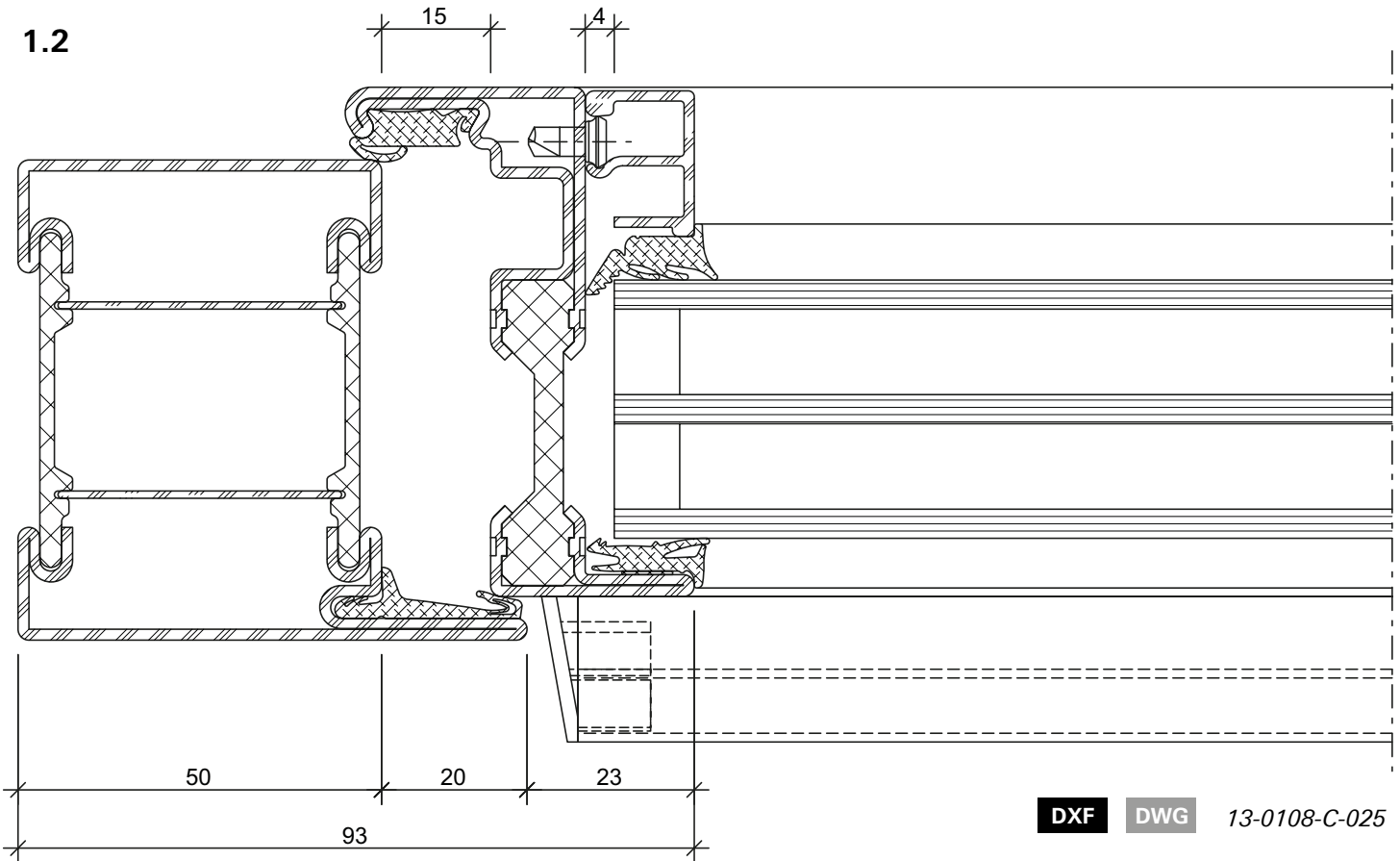




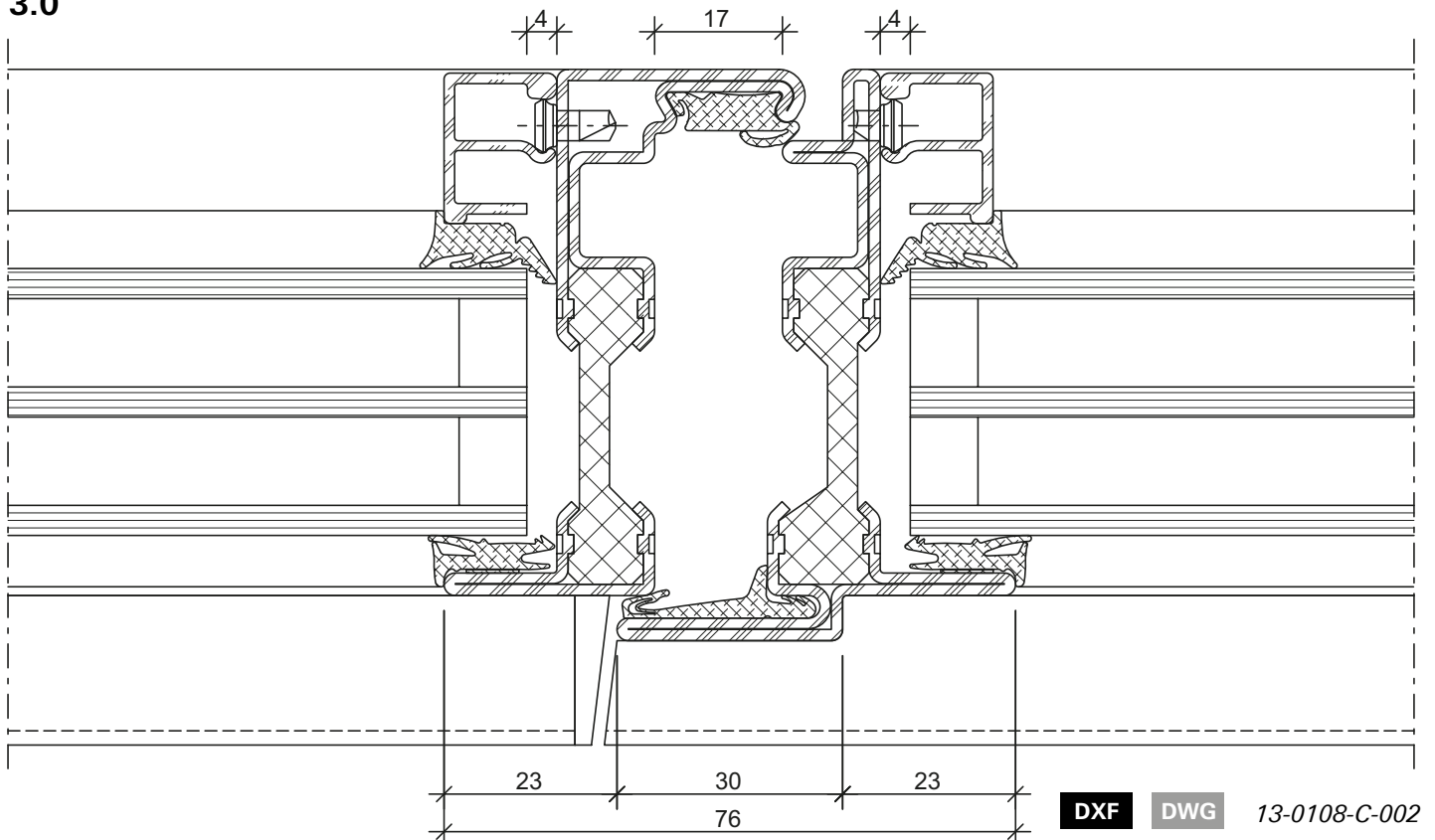
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

1.2



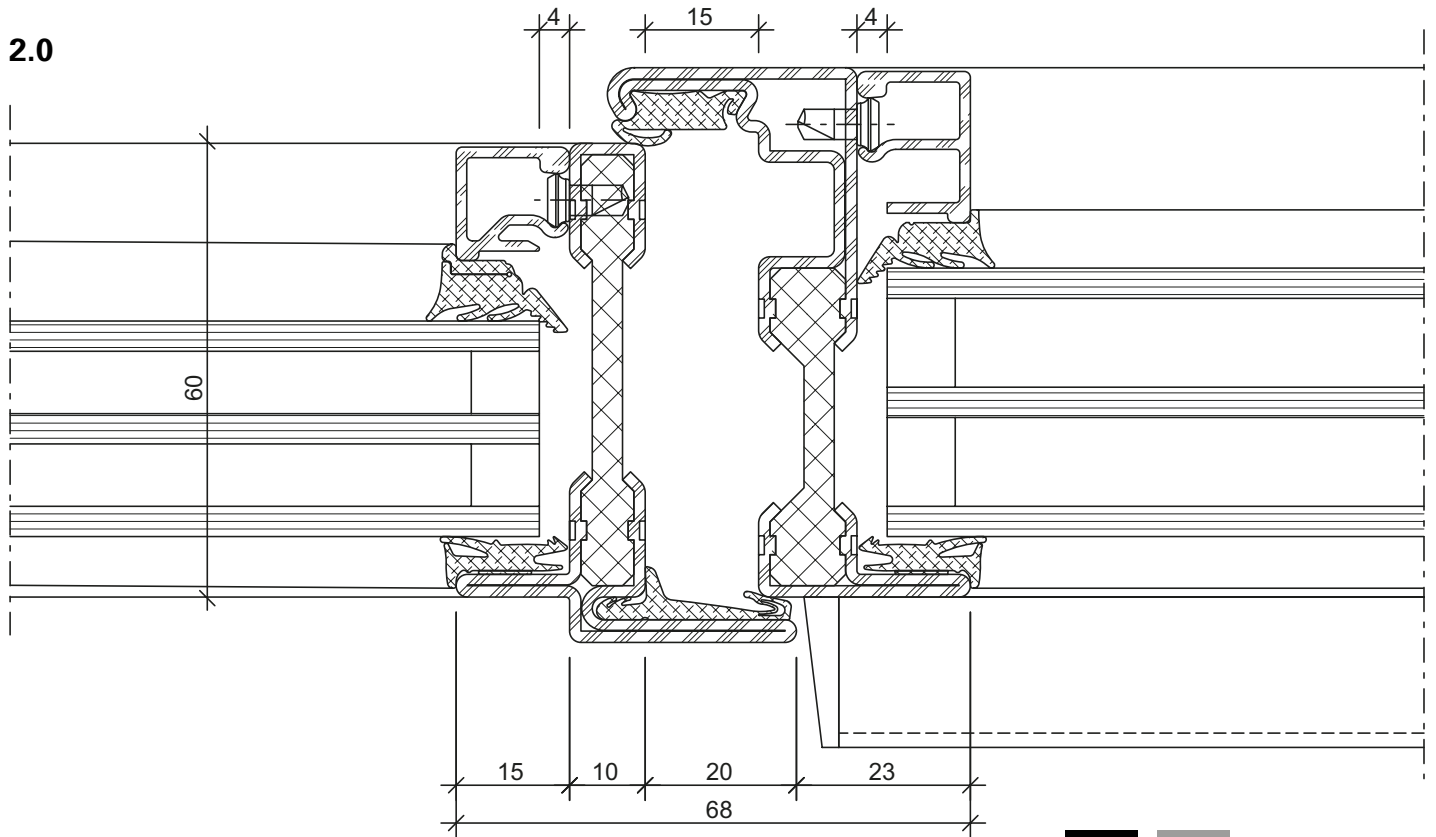
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

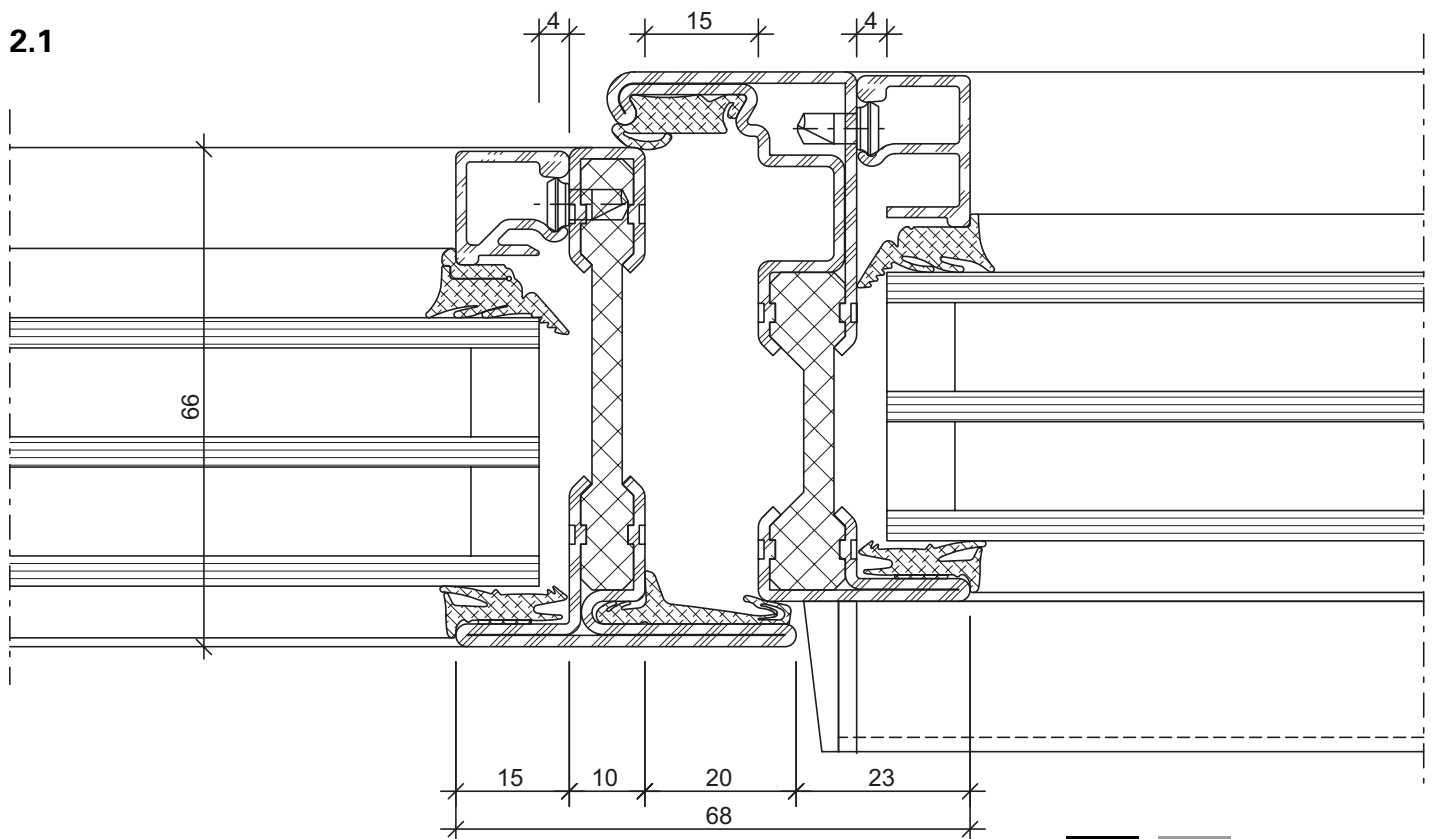
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

2.0



DXF **DWG** 13-0108-C-003

2.1

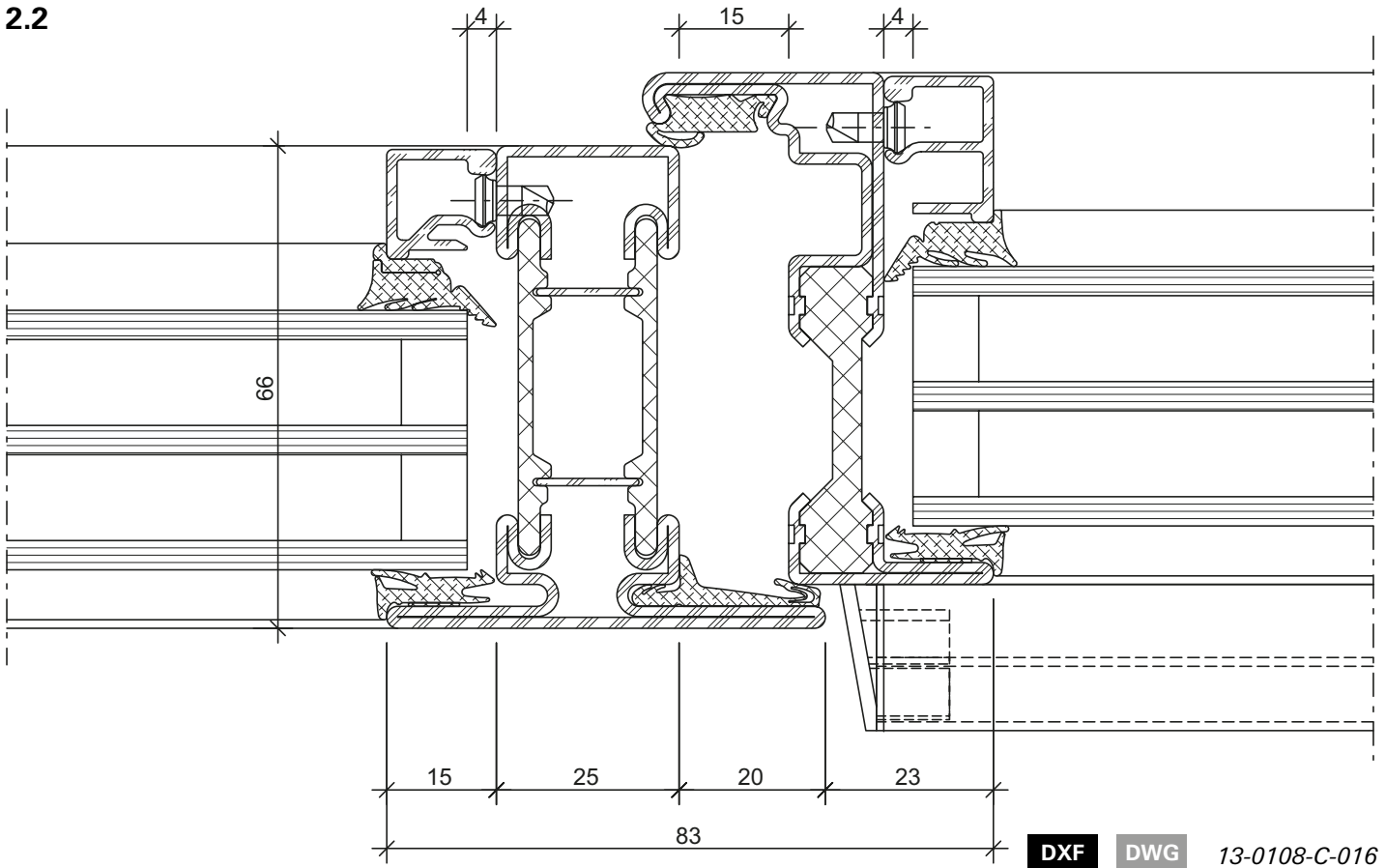


DXF **DWG** 13-0108-C-004

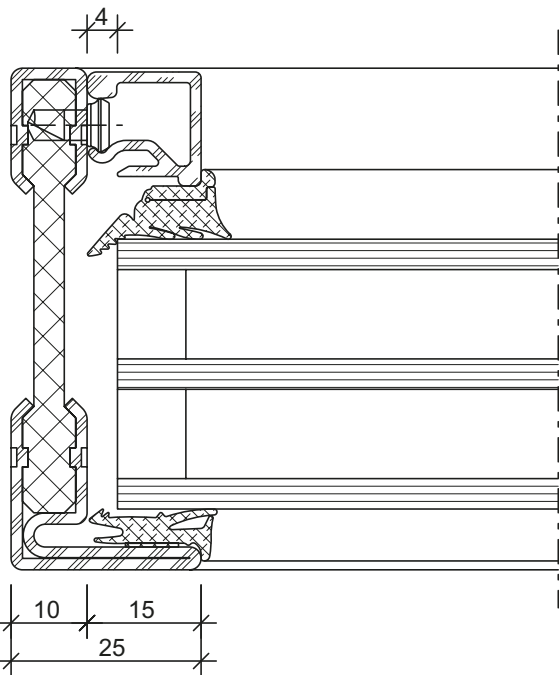
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

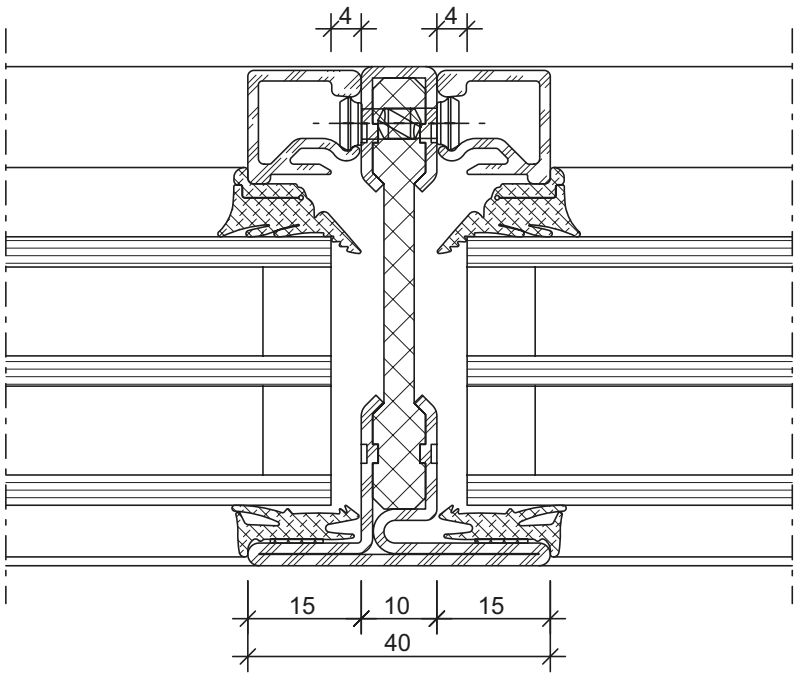
2.2



4.0



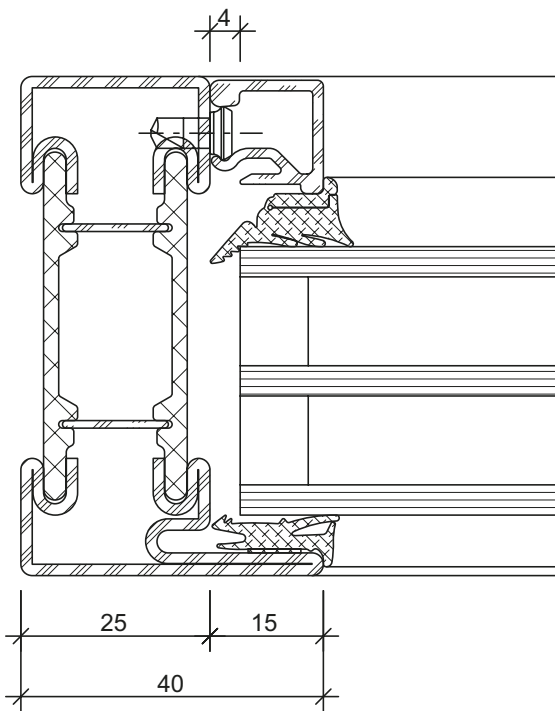
5.0



DXF DWG 13-0108-C-006

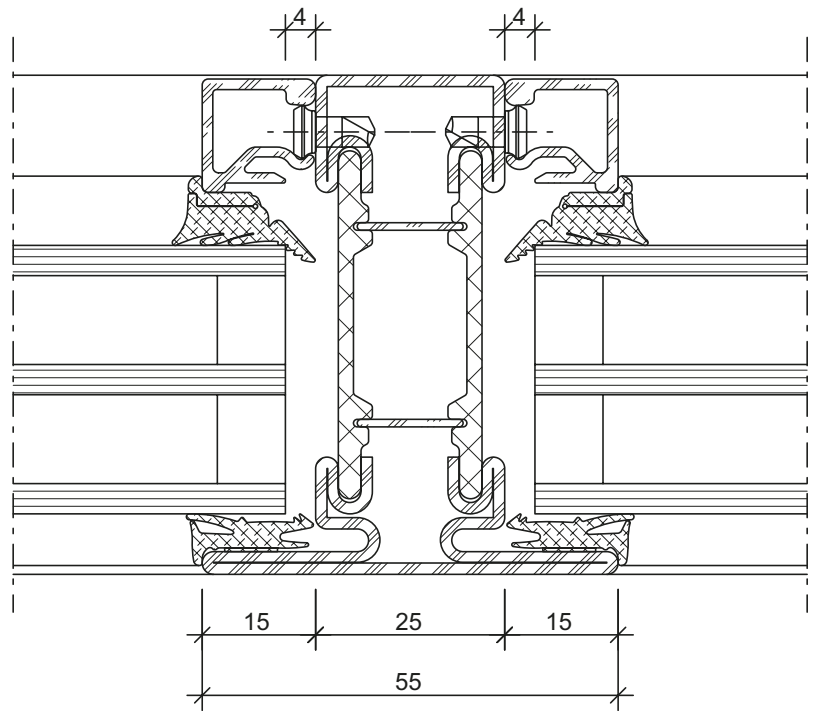
DXF DWG 13-0108-C-007

4.1



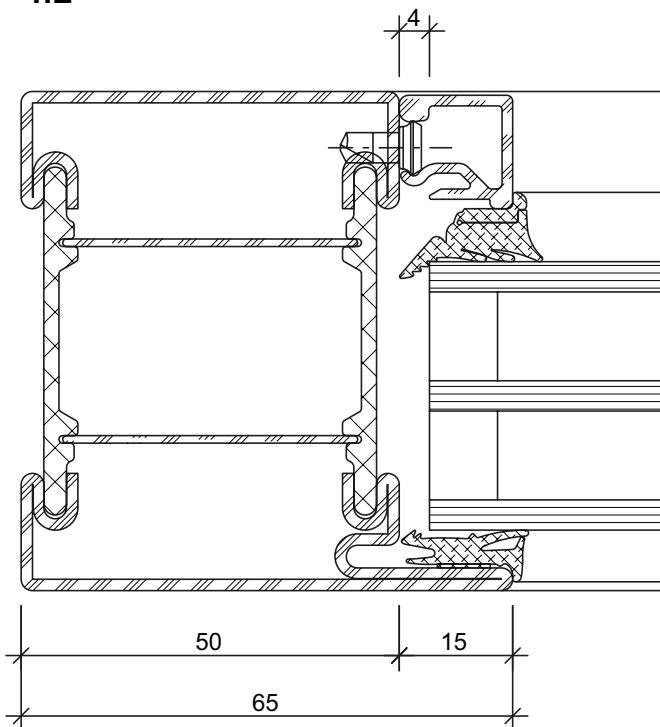
DXF **DWG** 13-0108-C-017

5.1



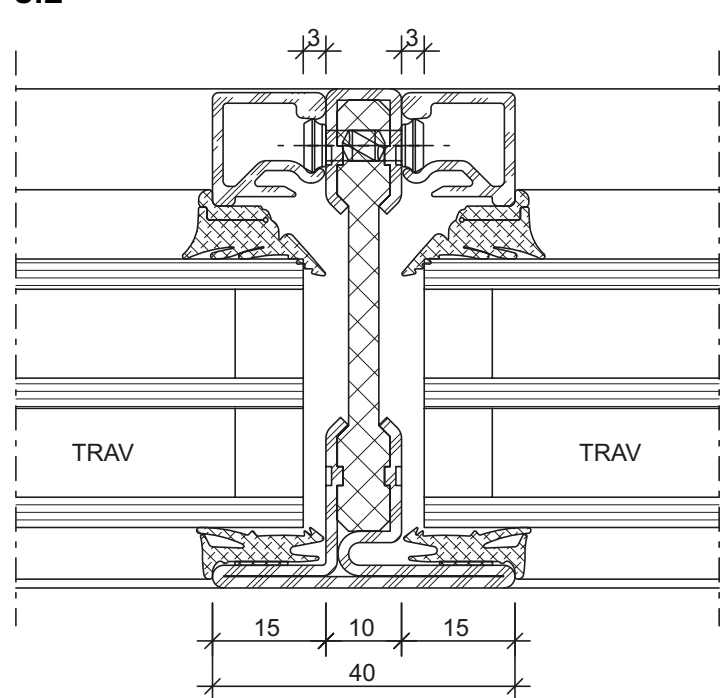
DXF **DWG** 13-0108-C-018

4.2



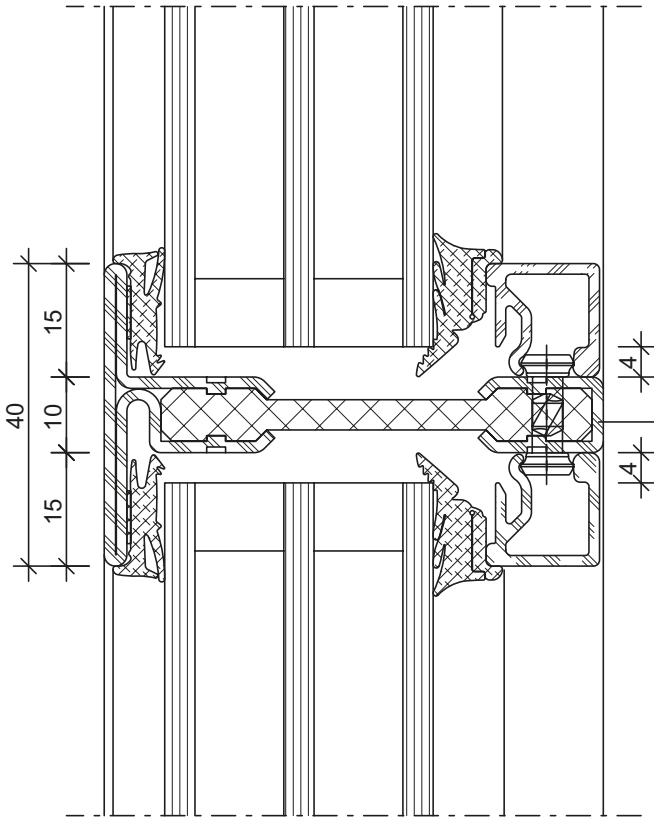
DXF **DWG** 13-0108-C-024

5.2



DXF **DWG** 13-0108-C-014

6.0

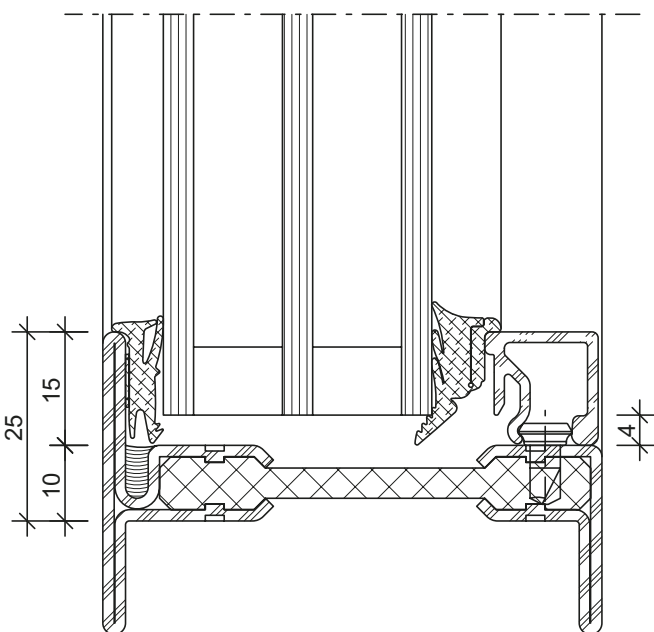


13-0108-C-009

DWG

DXF

4.1



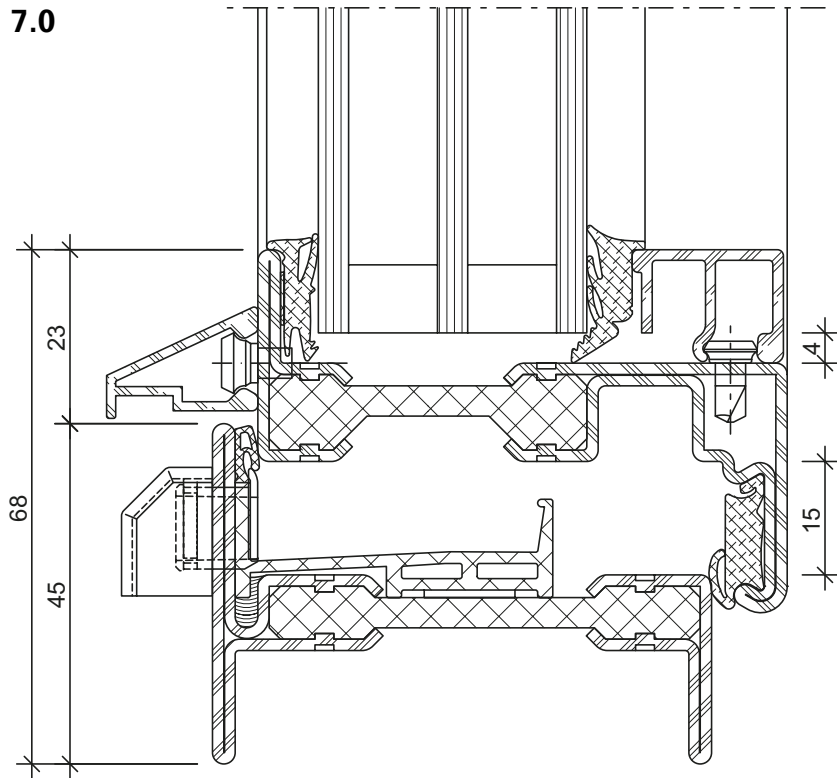
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

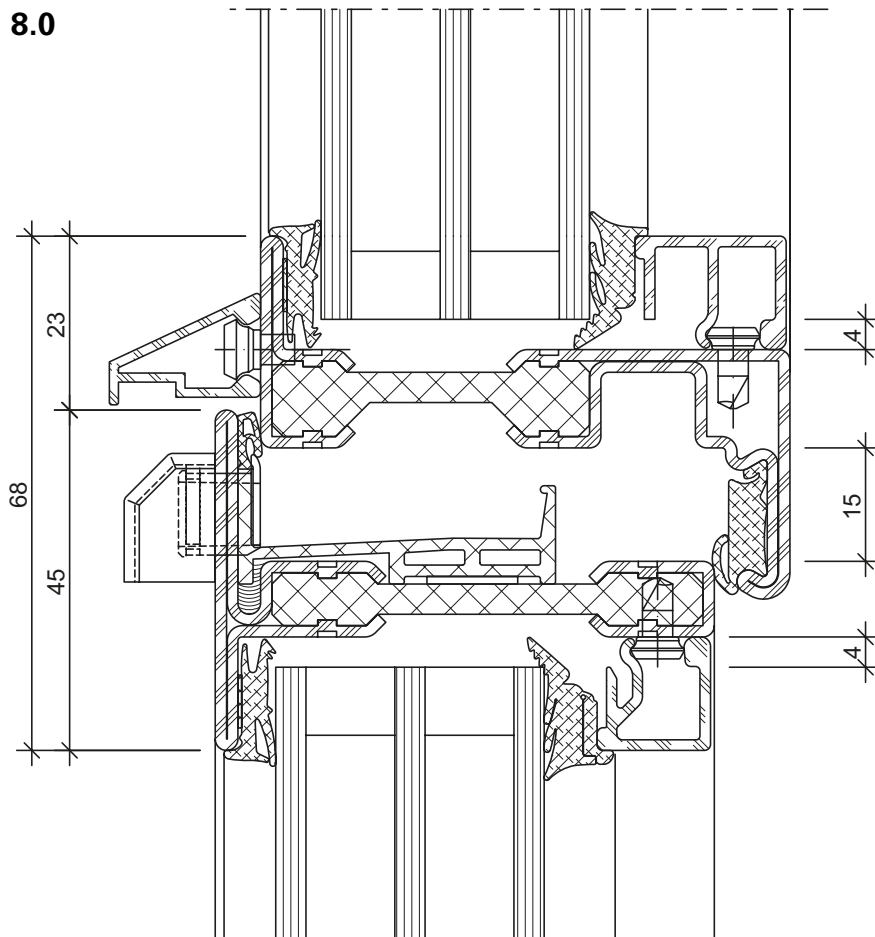
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



13-0108-C-010

DWG

DXF

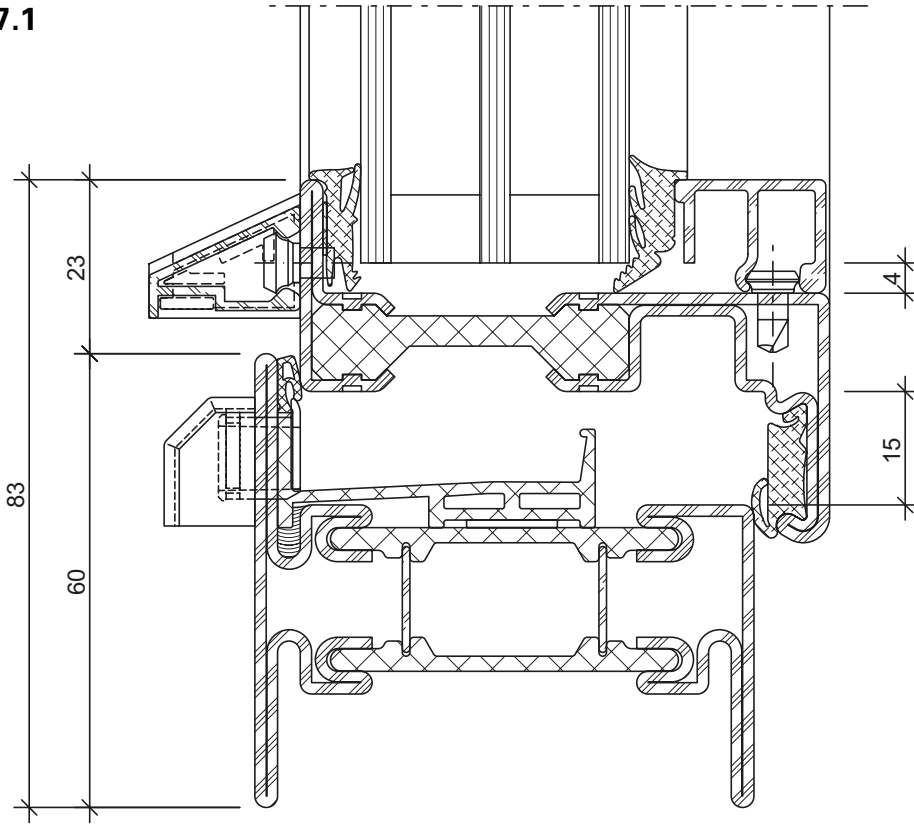


13-0108-C-013

DWG

DXF

7.1

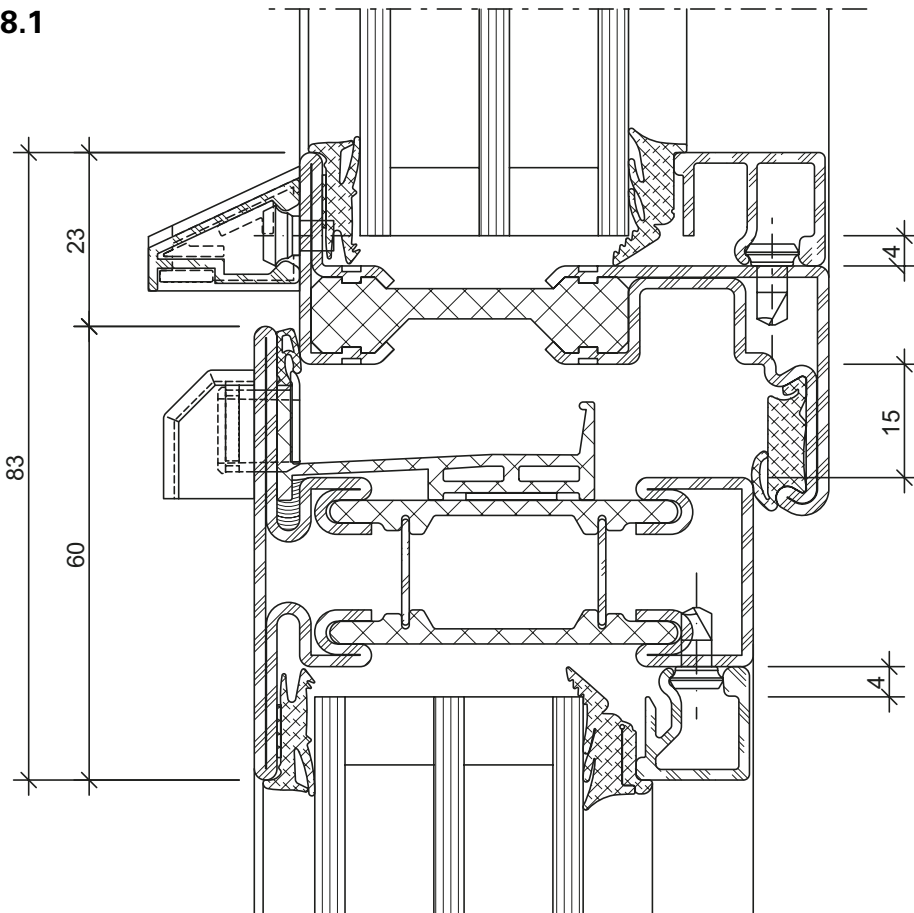


13-0108-C-019

DWG

DXF

8.1



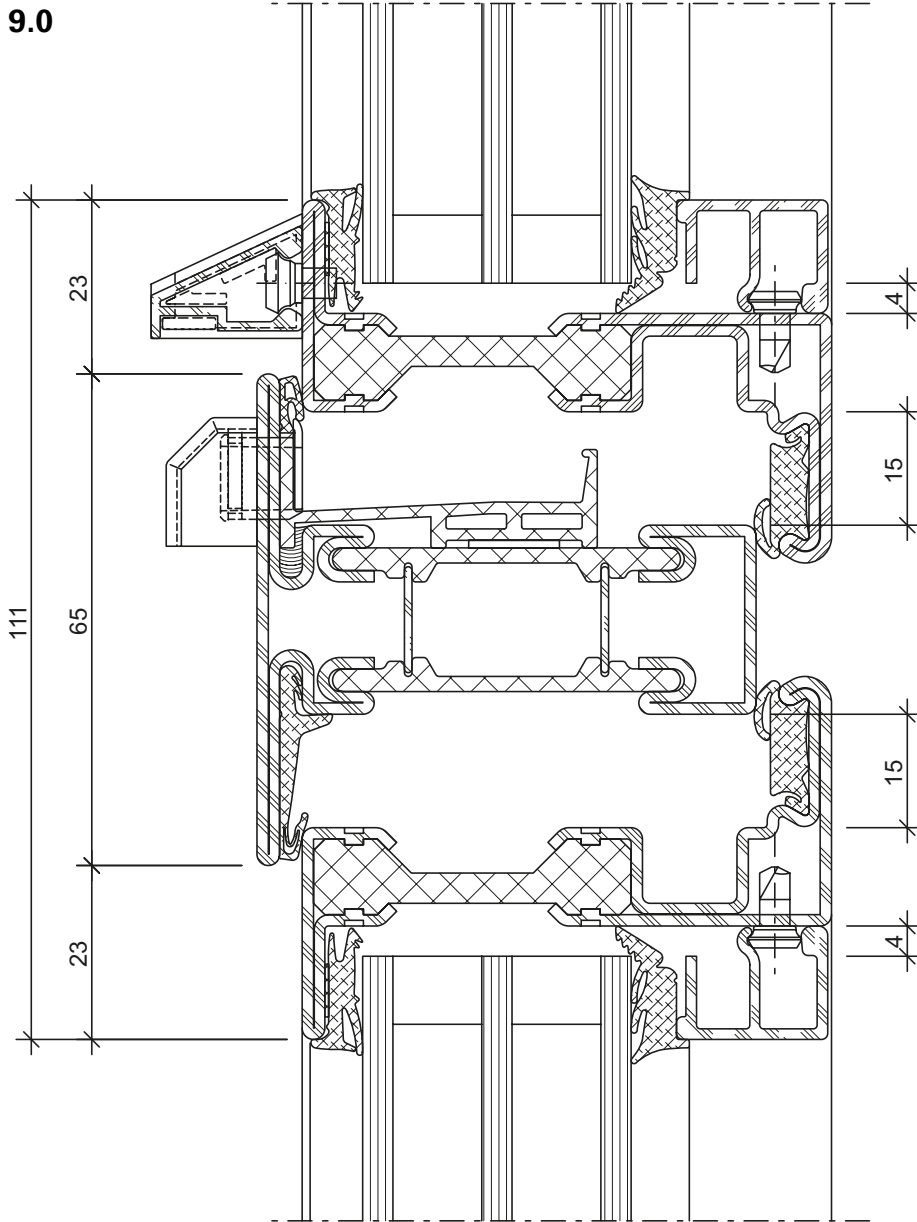
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



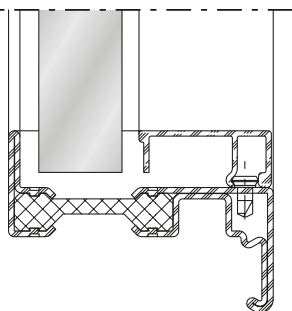
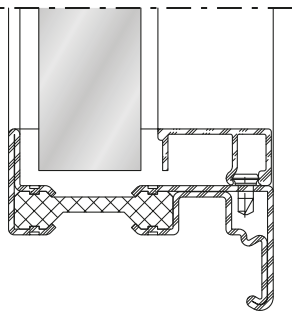
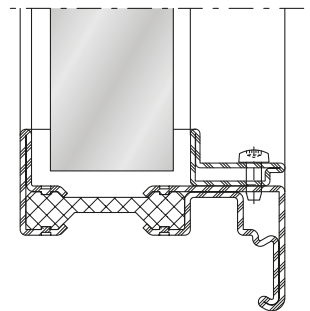
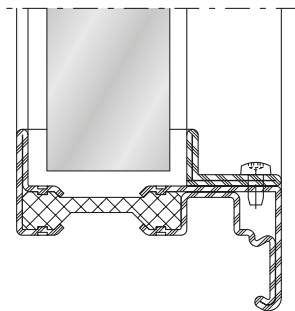
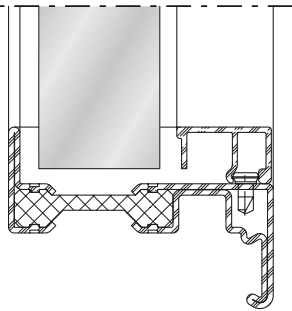
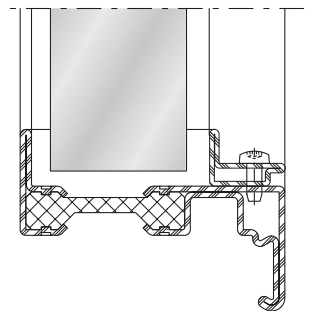
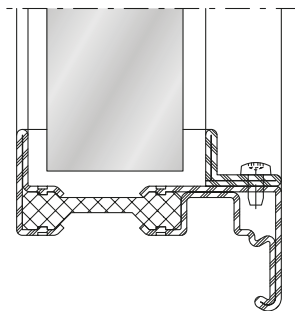
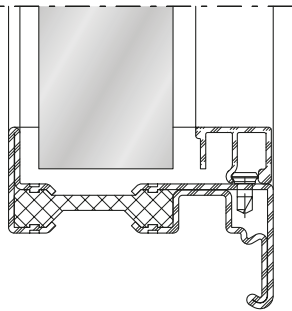
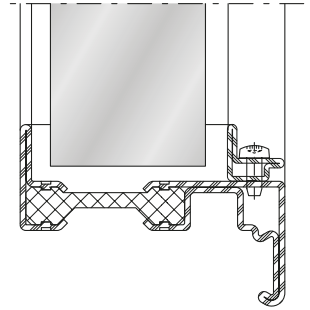
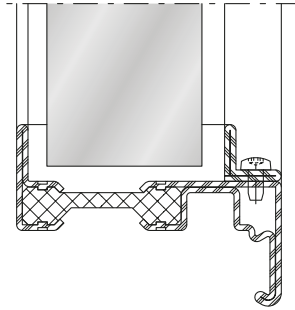
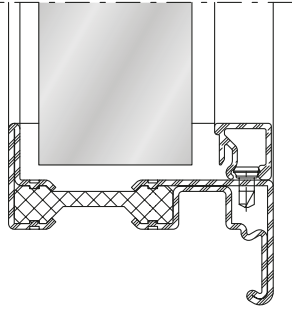
13-0108-C-020

DWG

DXF

Aluminium

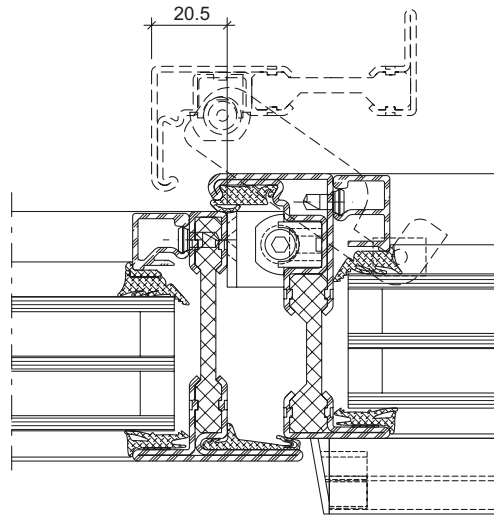
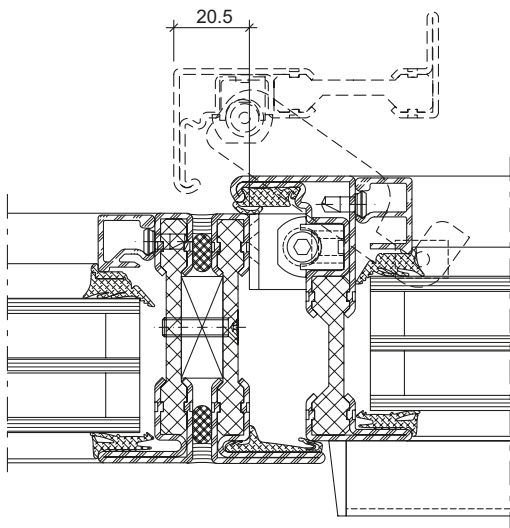
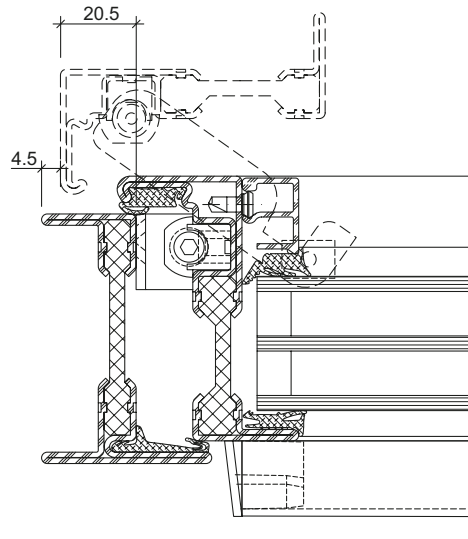
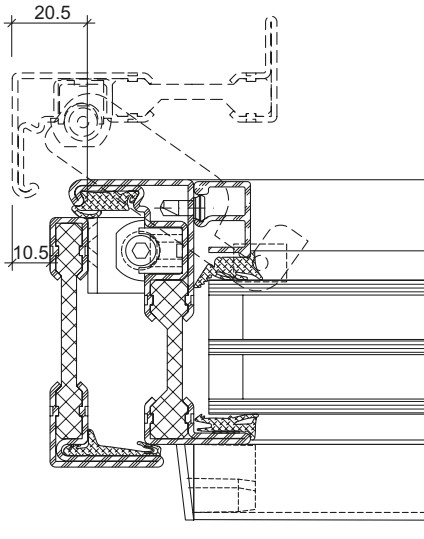
Stahl / Acier / Steel



Platzbedarf
Verdeckt liegender Fensterbeschlag

Espace nécessaire
Ferrure de fenêtre non apparente

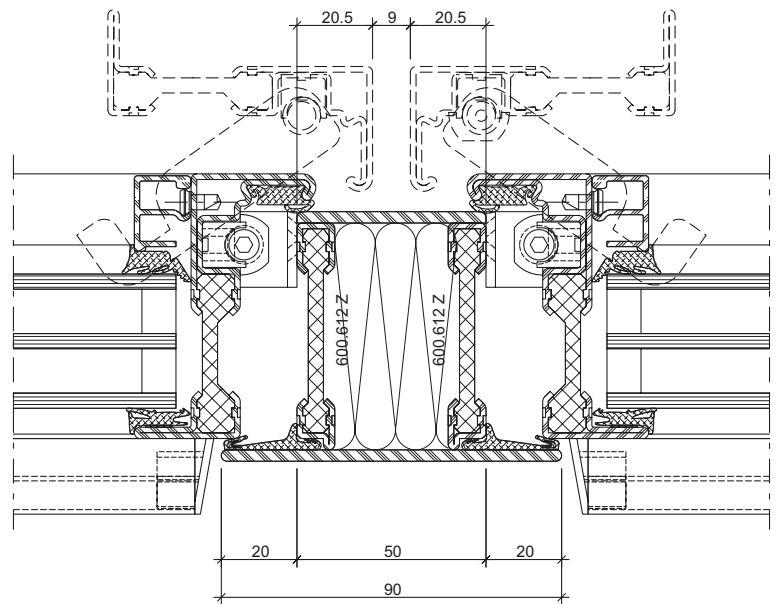
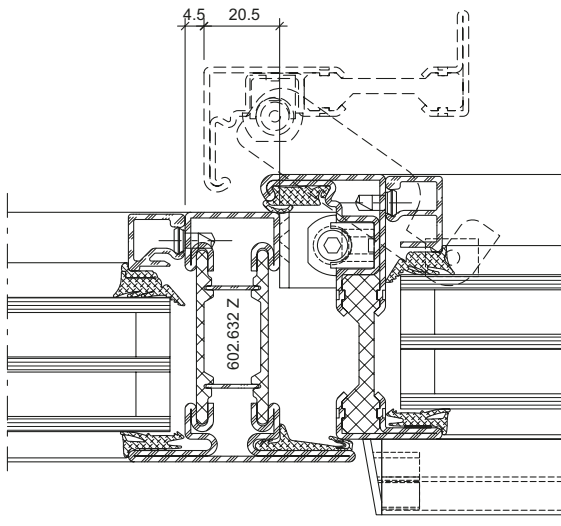
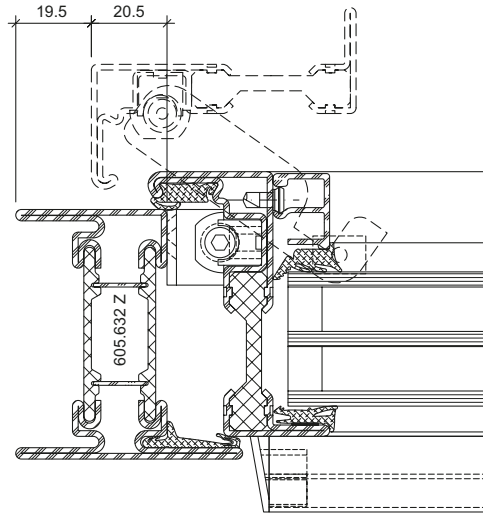
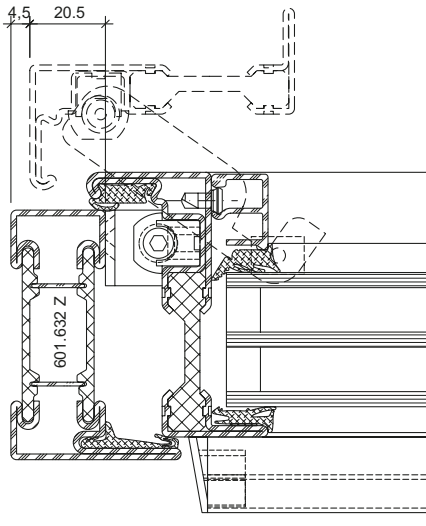
Space required
Concealed window fitting



Platzbedarf
Verdeckt liegender Fensterbeschlag

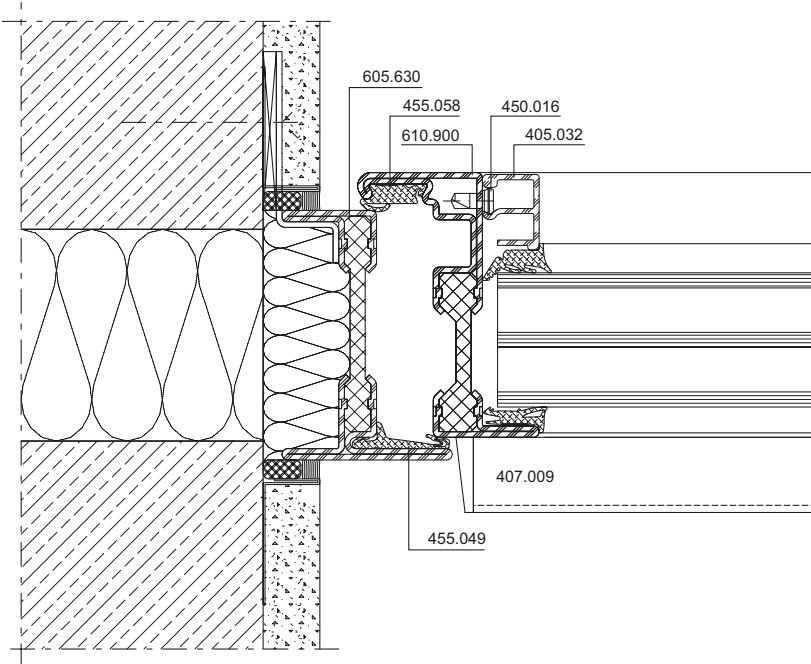
Espace nécessaire
Ferrure de fenêtre non apparente

Space required
Concealed window fitting



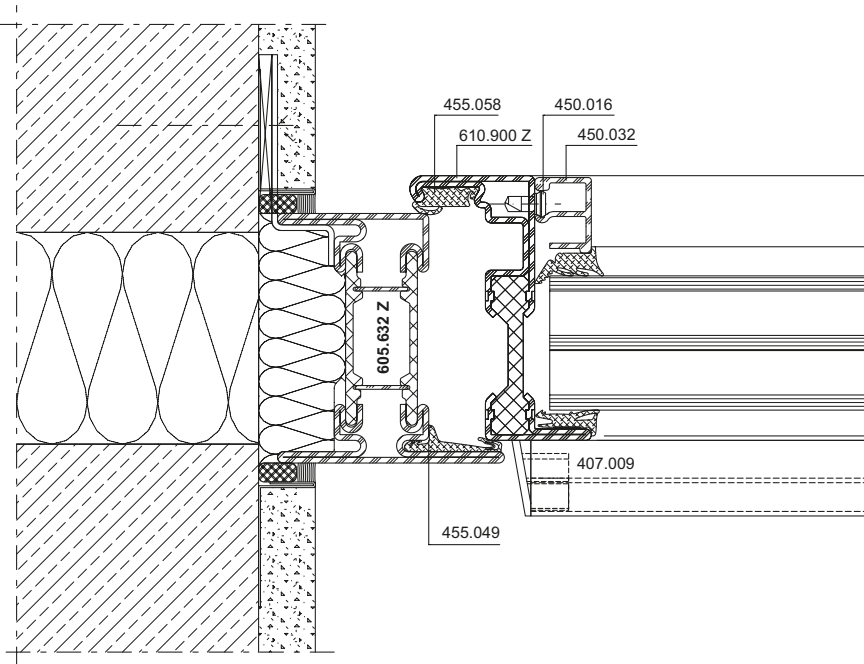
Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

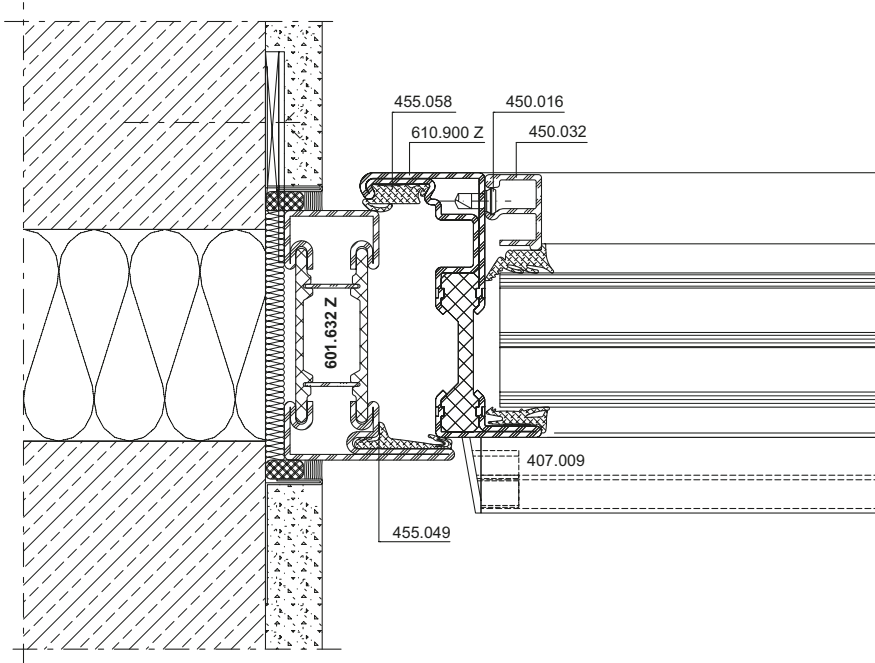
DXF **DWG** 13-0108-A-001



DXF **DWG** 13-0108-A-005

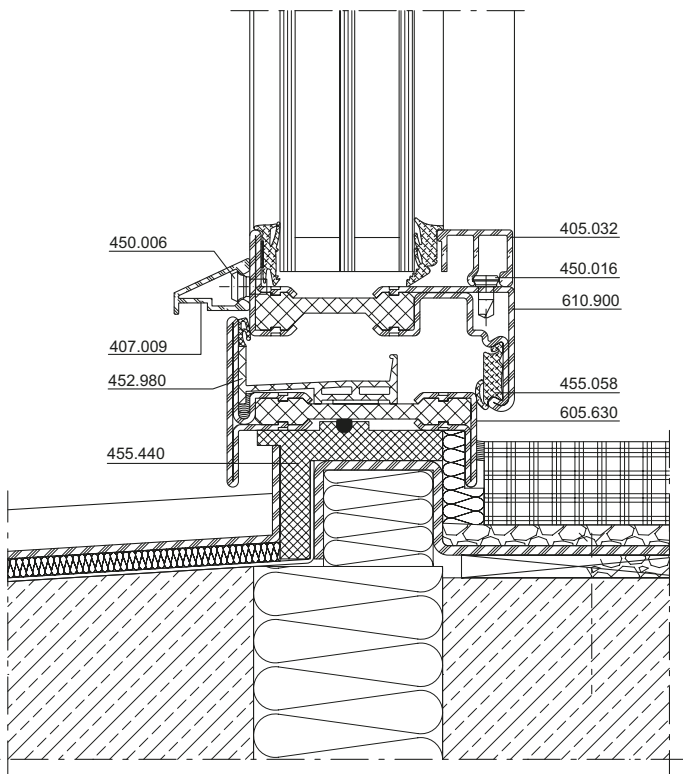
Anschlüsse am Bau im Massstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

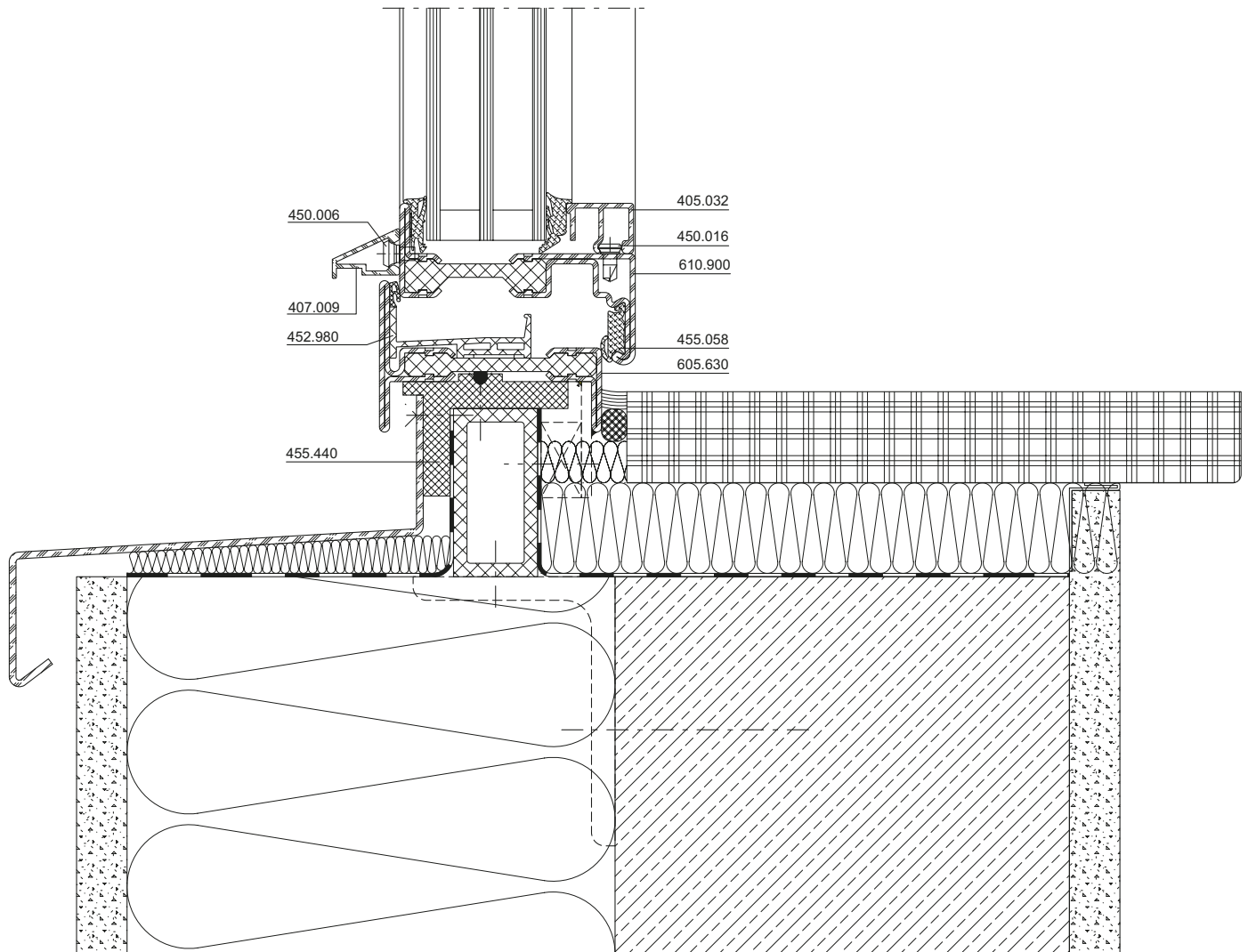


Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

DXF **DWG** 13-0108-A-006



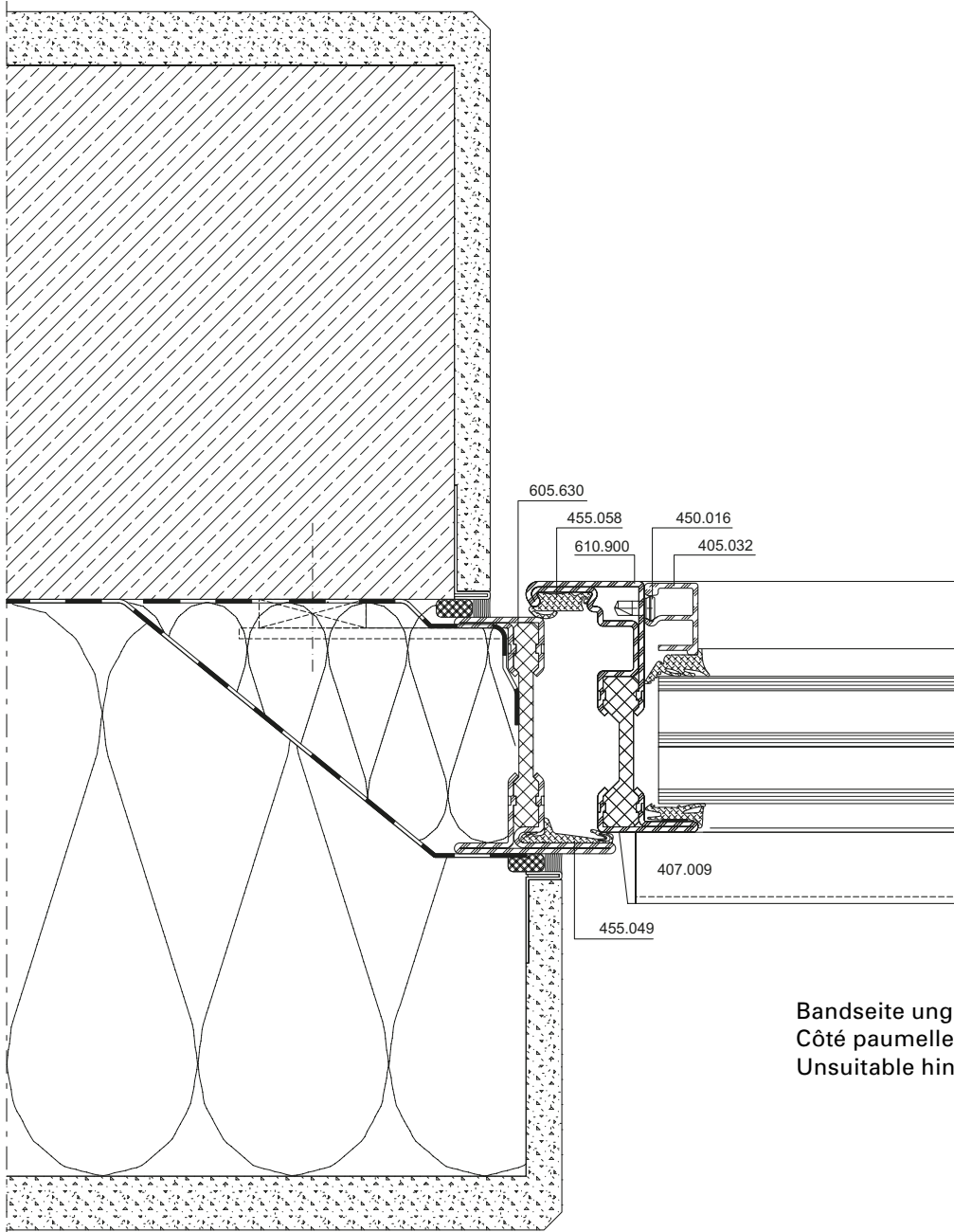
DXF **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

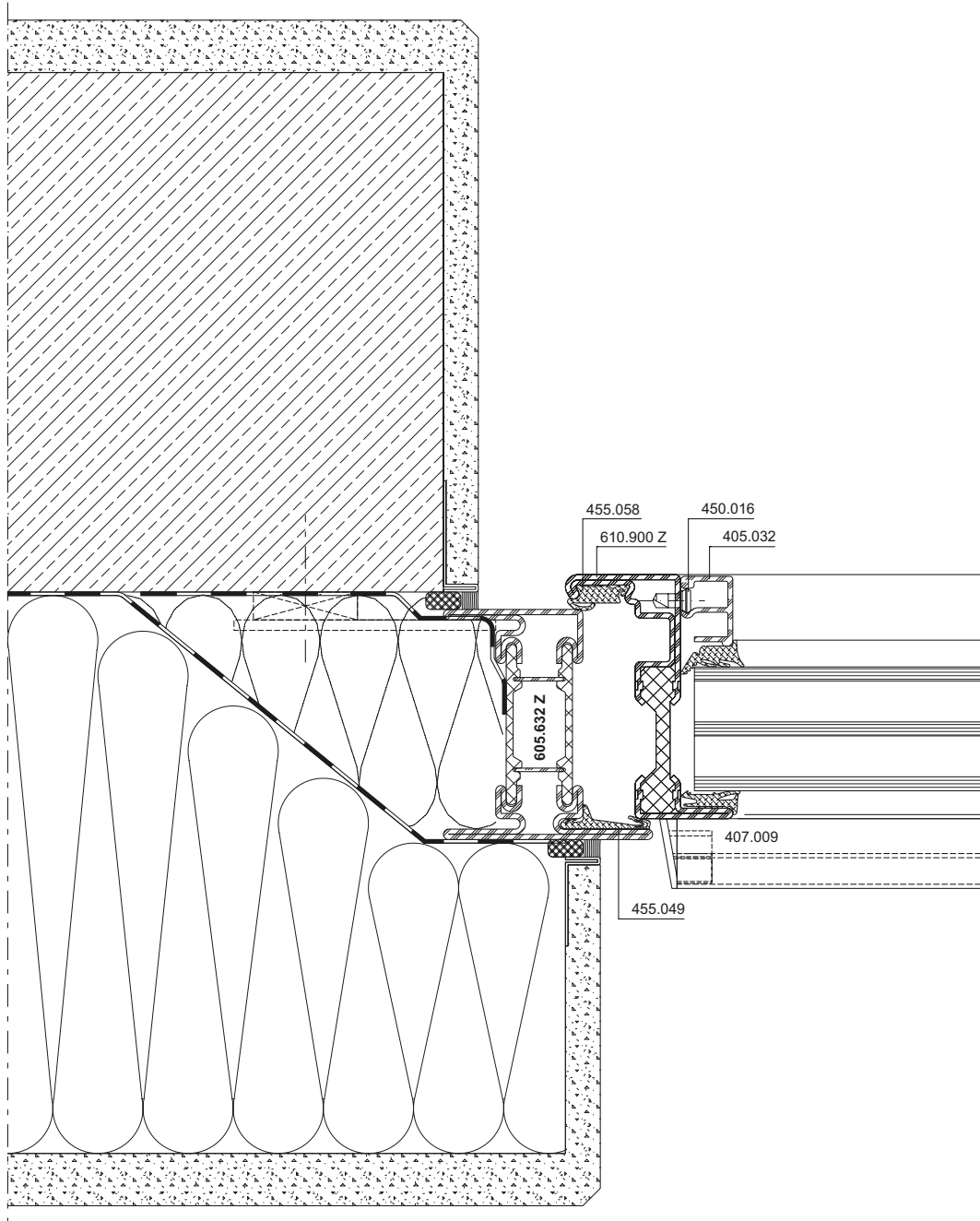
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

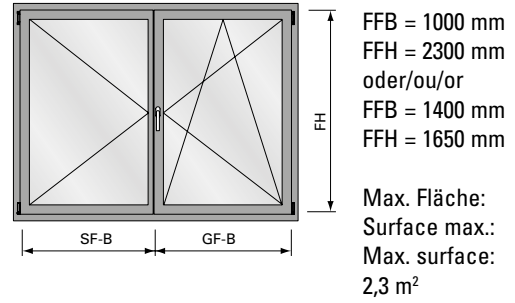
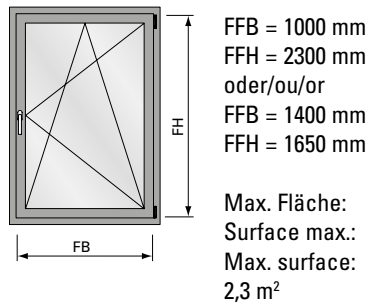
Caractéristiques de performances







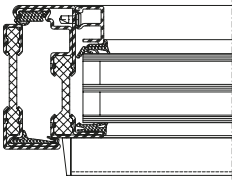
Performance values







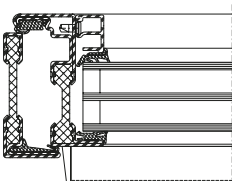
Schlagregendichtheit
 Luftdurchlässigkeit
 Widerstand bei Windlast

Étanchéité à la pluie battante
 Perméabilité à l'air
 Résistance à la pression du vent

Watertightness
 Air permeability
 Resistance to wind load



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

Leistungseigenschaften nach EN 14351-1
Caractéristiques de performance selon EN 14351-1
Performance characteristics according to EN 14351-1

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

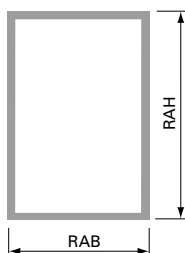
Étanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent




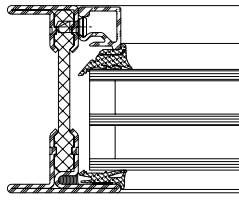
Watertightness
Air permeability
Resistance to wind load

Festverglasung

Vitrage fixe

Fixed glazing



	 EN 12208	 EN 12207	 EN 12210
RABxRAH 1230x1480 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

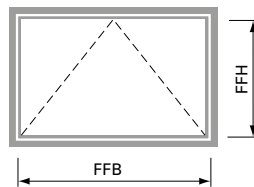
Etanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

Watertightness
Air permeability
Resistance to wind load

Kippfenster

Fenêtre à sofflet




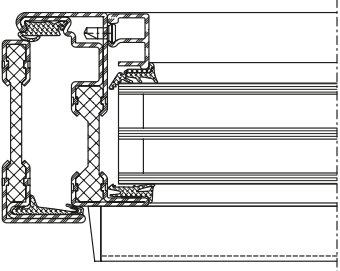
Bottom-hung window



FFB = 2300 mm
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes
 en fonction de l'écart de verrouillage
 depending on the distance between locking points

Max. Fläche:
 Surface max.:
 Max. surface:
 2,3 m²

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U_f-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U_f pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloses en aluminium
- Vitrage à mastic

U_f values
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U_f values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl
Zweifach-Isolierglas

Janisol Arte acier
Double verre isolant

Janisol Arte steel
Double insulating glazing

Janisol Arte Stahl
Dreifach-Isolierglas

Janisol Arte acier
Triple verre isolant

Janisol Arte steel
Triple insulating glazing

Janisol Arte Stahl
optimiert
Zweifach-Isolierglas

Janisol Arte acier
optimisé
Double verre isolant

Janisol Arte steel
optimised
Double insulating glazing

Janisol Arte Stahl
optimiert
Dreifach-Isolierglas

Janisol Arte acier
optimisé
Triple verre isolant

Janisol Arte steel
optimised
Triple insulating glazing

Janisol Arte Stahl
Zweifach-Isolierglas


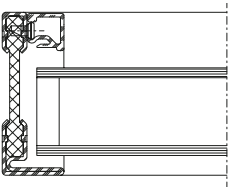
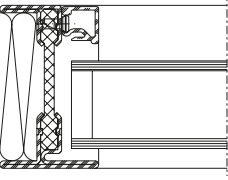
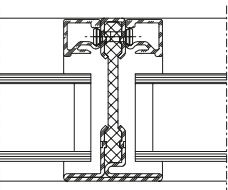
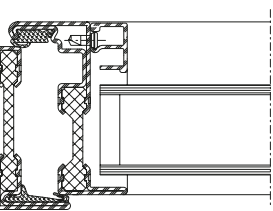
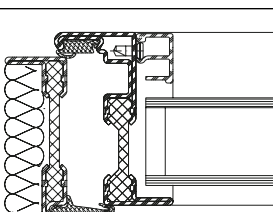
Festverglasungen und
 Fenster nach innen öffnend


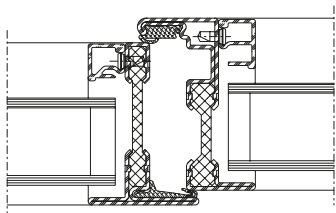
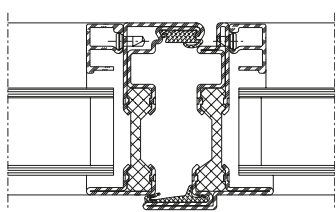
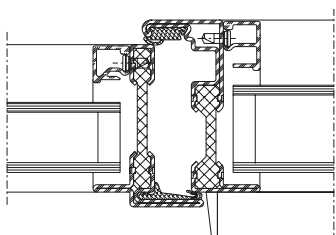
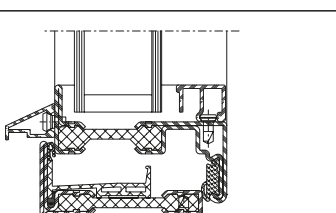
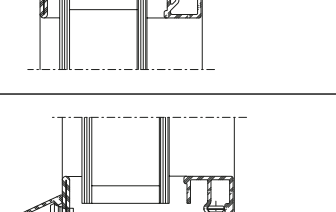
Janisol Arte acier
Double verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Double insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

Janisol Arte Stahl
Zweifach-Isolierglas

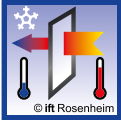
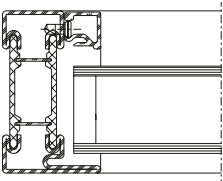
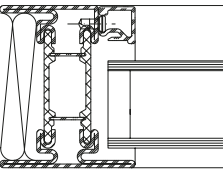
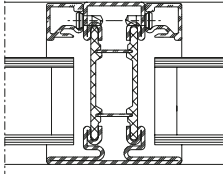
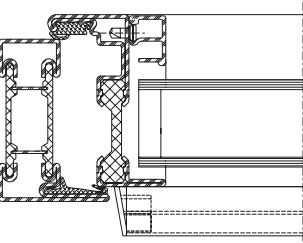
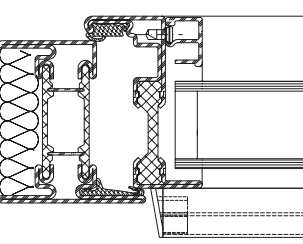
Festverglasungen und
 Fenster nach innen öffnend


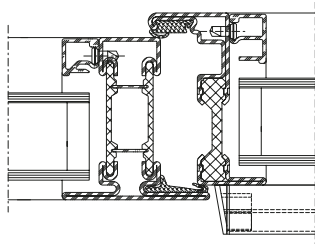
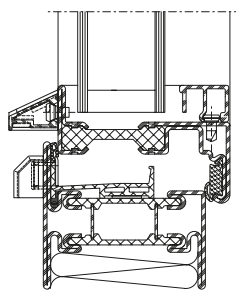
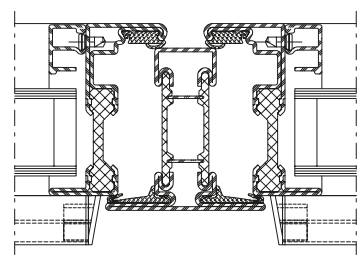
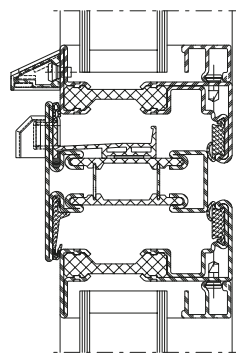
Janisol Arte acier
Double verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Double insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

Janisol Arte Stahl
Dreifach-Isolierglas

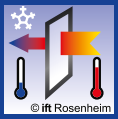
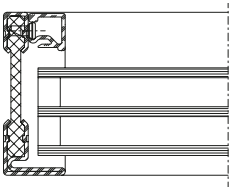
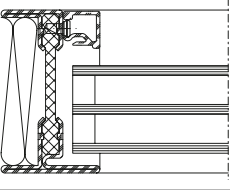
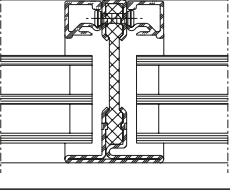
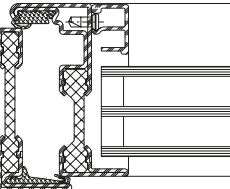
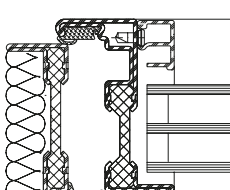
Festverglasungen und
 Fenster nach innen öffnend

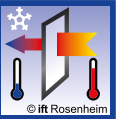
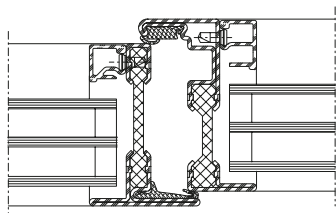
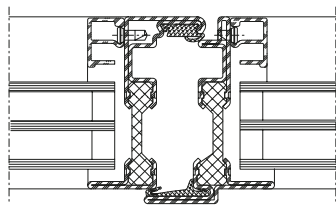
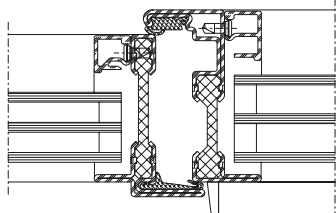
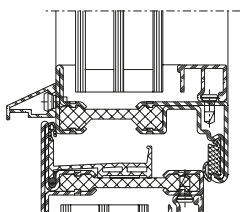
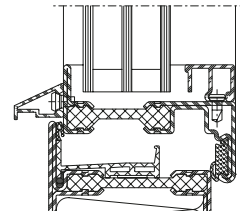
Janisol Arte acier
Triple verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Triple insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl
 Dreifach-Isolierglas**


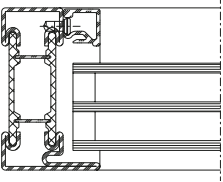
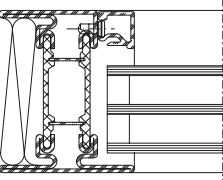
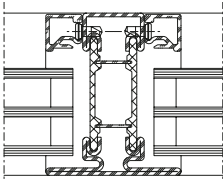
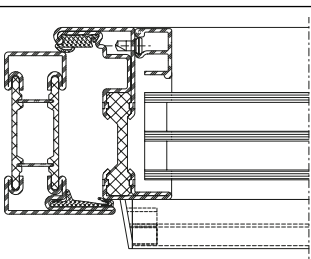
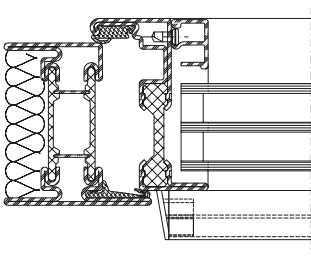
Festverglasungen und
 Fenster nach innen öffnend


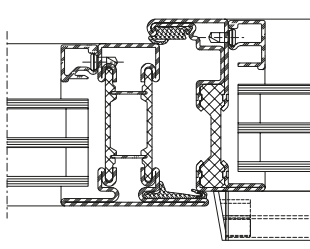
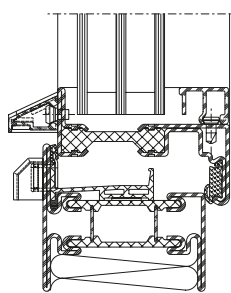
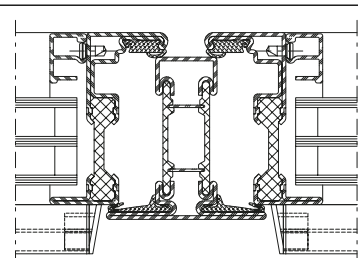
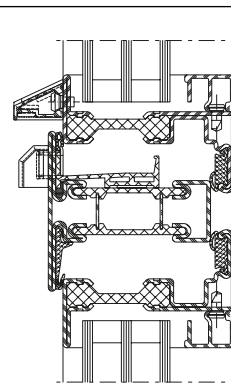
**Janisol Arte acier
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

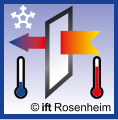
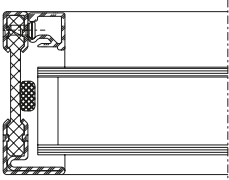
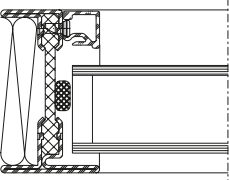
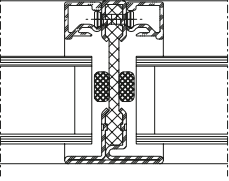
Festverglasungen und
 Fenster nach innen öffnend

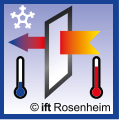
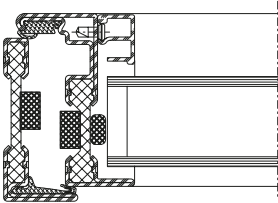
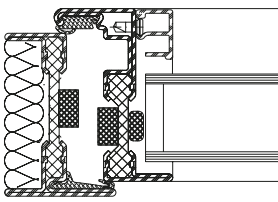
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m ² K	X
	1,8 W/m ² K	X
	2,1 W/m ² K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m ² K	2,5 W/m ² K
	2,7 W/m ² K	2,2 W/m ² K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

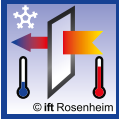
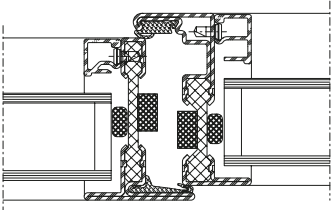
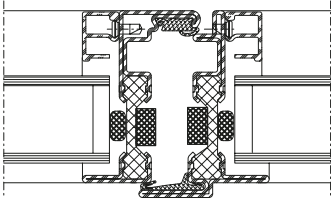
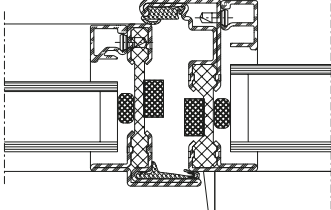
Festverglasungen und
 Fenster nach innen öffnend

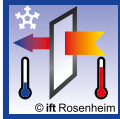
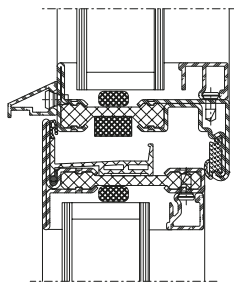
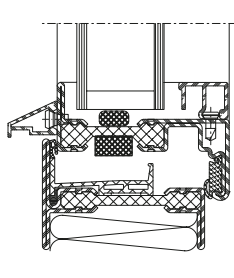
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,4 W/m²K
	3,0 W/m²K	2,5 W/m²K
	2,9 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,9 W/m²K	2,6 W/m²K
	2,6 W/m²K	2,4 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

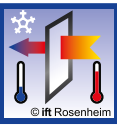
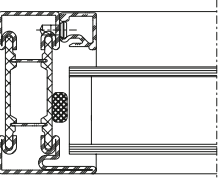
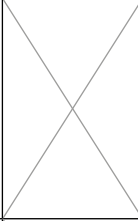
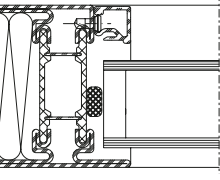
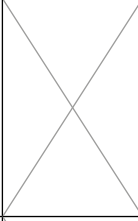
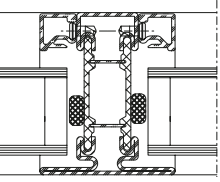
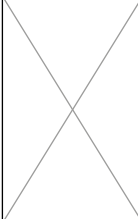
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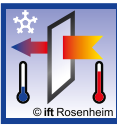
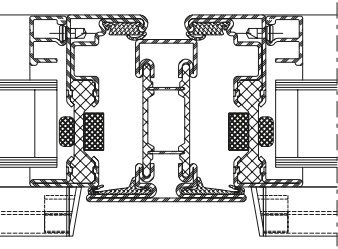
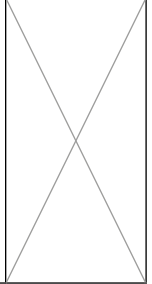
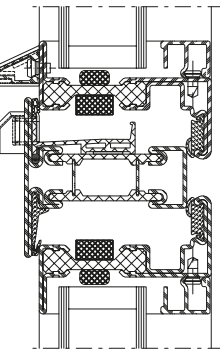
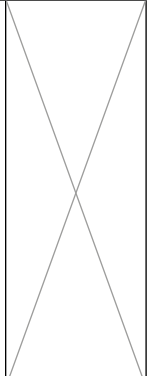
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 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	1,8 W/m²K	
	1,5 W/m²K	
	1,7 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,8 W/m²K	
	2,8 W/m²K	

**Janisol Arte Stahl
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 Zweifach-Isolierglas**

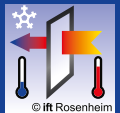
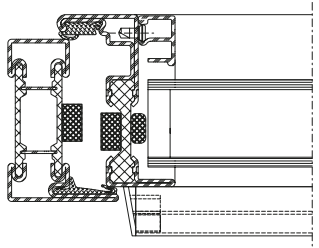
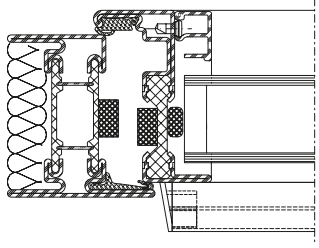
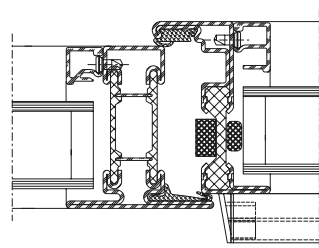
Festverglasungen und
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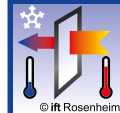
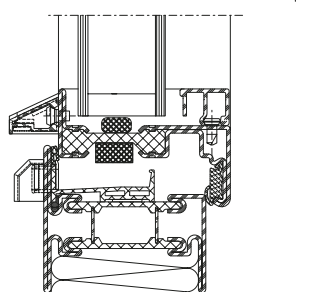
**Janisol Arte acier
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 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
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 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

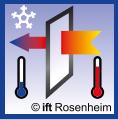
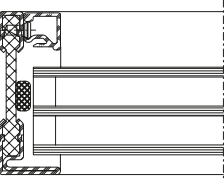
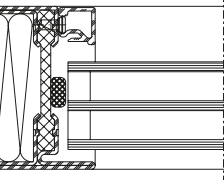
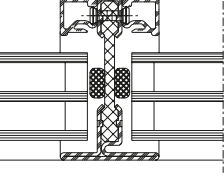
Festverglasungen und
 Fenster nach innen öffnend

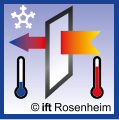
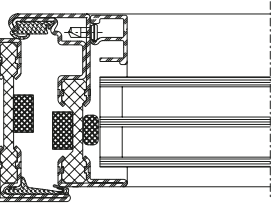
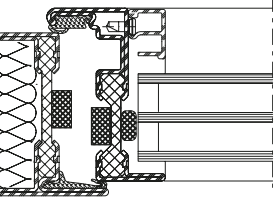
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	
	1,6 W/m²K	
	1,6 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


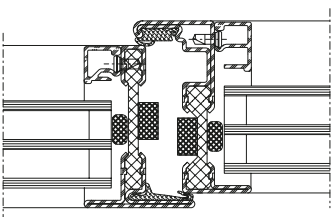
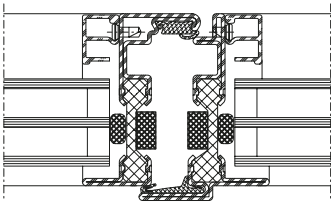
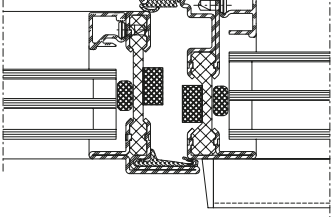
Festverglasungen und
 Fenster nach innen öffnend


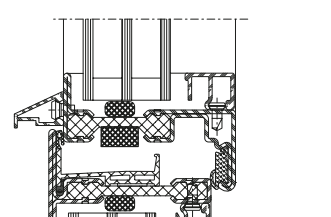
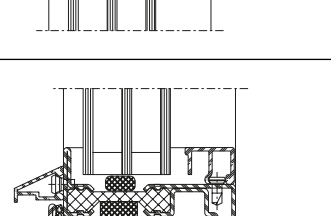
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 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

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 Triple insulating glazing**

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 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


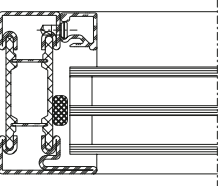
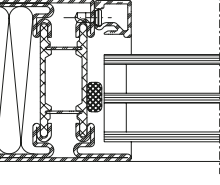
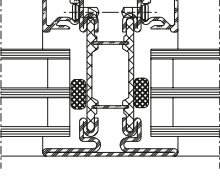
Festverglasungen und
 Fenster nach innen öffnend


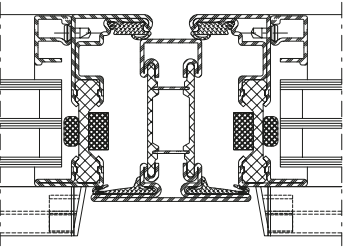
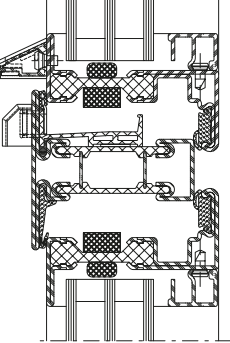
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 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


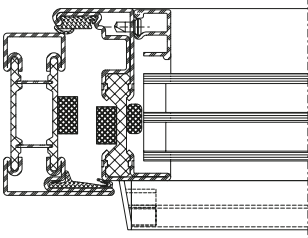
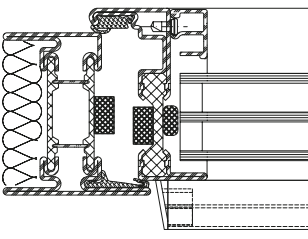
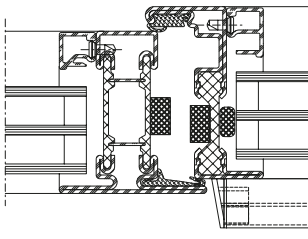
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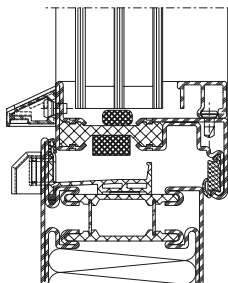
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	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



Schalldämmung

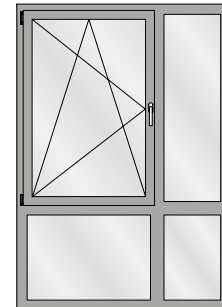
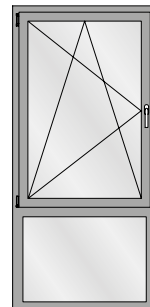
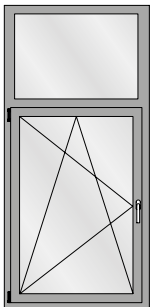
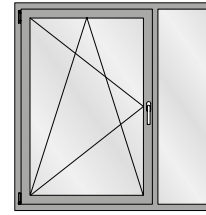
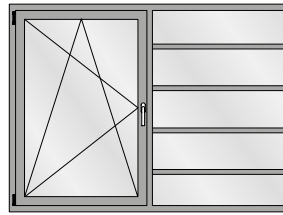
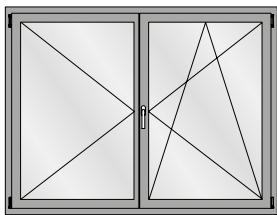
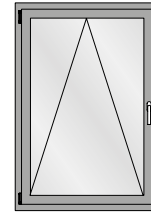
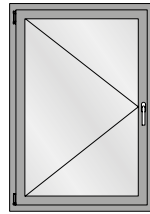
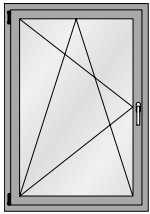
Ausführungsvarianten
Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.

Isolation phonique

Modèles
L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.

Sound insulation

Design range
The following overview of types provides an overview of the evaluated designs.



Tabelle

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

Tableau A1

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

Table A1

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	Fenster Fenêtre Window	Glas Verre Glass	Korrekturen Corrections Corrections							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	K_{FF} dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	

Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung $R_{W, Fenster}$ beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens $R_{W, Fenêtre}$ est la suivante:

The value taken from table A1 for the sound insulation $R_{W, Window}$ is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

K_{FF}	Korrekturwert für Festverglasungen	K_{FF}	Valeur de correction pour vitrages fixes	K_{FF}	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$.	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$.
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$

Grafische Planungsdaten wie z.B. Anwendungsbeispiele, Konstruktionsdetails, Anschlüsse am Bau, die in unseren physischen oder elektronischen Dokumentationsunterlagen enthalten sind, sind schematische Darstellungen. Gleiches gilt für digitale Medien wie CAD Dateien oder BIM Modelle.

Sie sollen den ausführenden Metallbauer und/oder Fachplaner bei der Planung und Ausführung eines Projektes unterstützen. Sie sind im konkreten Anwendungsfall durch den ausführenden Metallbauer und/oder Fachplaner auf die Verwendbarkeit im konkreten betroffenen Projekt hinsichtlich rechtlichen/regulatorischen aber auch technischen objektspezifischen Anforderungen zu überprüfen und ggfs. eigenverantwortlich anzupassen.

Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

Falls das vorliegende Dokument Differenzen zur aktuellen deutschen Version (Artikel Nr. K1214223) aufweist, gilt in jedem Fall der deutsche Originaltext in der jeweils geltenden Fassung im Jansen Docu Center.

Alle Ausführungen dieser Dokumentation haben wir sorgfältig und nach bestem Wissen zusammengestellt. Wir können aber keine Verantwortung für die Benutzung der vermittelten Vorschläge und Daten übernehmen. Wir behalten uns technische Änderungen ohne Vorankündigung vor.

Les données de planification graphiques, comme les exemples d'application, détails de construction et raccordements au bâtiment, fournies dans notre documentation physique et numérique sont des représentations schématiques. Il en va de même pour les médias numériques comme les fichiers CAD ou modèles BIM.

Leur but est de faciliter la planification et réalisation d'un projet par les constructeurs métalliques et/ou concepteurs. Concrètement, elles doivent être vérifiées par le constructeur métallique et/ou le concepteur et, le cas échéant, modifiées de son propre chef pour s'assurer qu'elles concordent avec le projet concerné et qu'elles répondent aux exigences techniques spécifiques ainsi qu'aux dispositions légales et réglementaires.

Lors de la vérification, de la planification spécifique et de la mise en œuvre, il y a lieu de tenir compte des conditions spécifiques à l'objet (matériaux du bâtiment, dimension de l'élément d'insert, couleur, exposition, effet de charge, etc.) ainsi que de l'état actuel de la technique, y compris toutes les normes et directives techniques applicables.

En cas de divergence entre le présent document et la version allemande (no d'article K1214223), c'est dans tous les cas le texte original allemand qui prévaut dans sa version actuelle disponible dans le Jansen Docu Center.

Nous avons apporté le plus grand soin à l'élaboration de cette documentation. Cependant, nous déclinons toute responsabilité pour l'utilisation faite de nos propositions et de nos données.

Nous nous réservons le droit de procéder à des modifications techniques sans préavis.

Graphical planning data such as application examples, construction details, connections on site that are contained in our physical or electronic documentation components are schematic representations. The same applies to digital media such as CAD files or BIM models.

They are intended to support the metal worker and/or design engineer in planning and executing projects. In the specific case of application they are to be checked by the metal worker and/or design engineer in terms of their usability in the specific project concerned with regard to legal/regulatory and technical property-specific requirements and adjusted if necessary at the latter's own responsibility.

The property-specific underlying conditions (construction material, dimensions of installation element, colour, exposure, load effect etc.) and current state of the art including all applicable norms and technical guidelines are to be taken into consideration at the metal worker and/or design engineer's own responsibility during the review, specific planning and implementation.

If there are any differences between this document and the current German version (item number K1214223), the latest version of the original German text in the Jansen Docu Center shall prevail.

All the information contained in this documentation is given to the best of our knowledge and ability. However, we decline all responsibility for the use made of these suggestions and data.

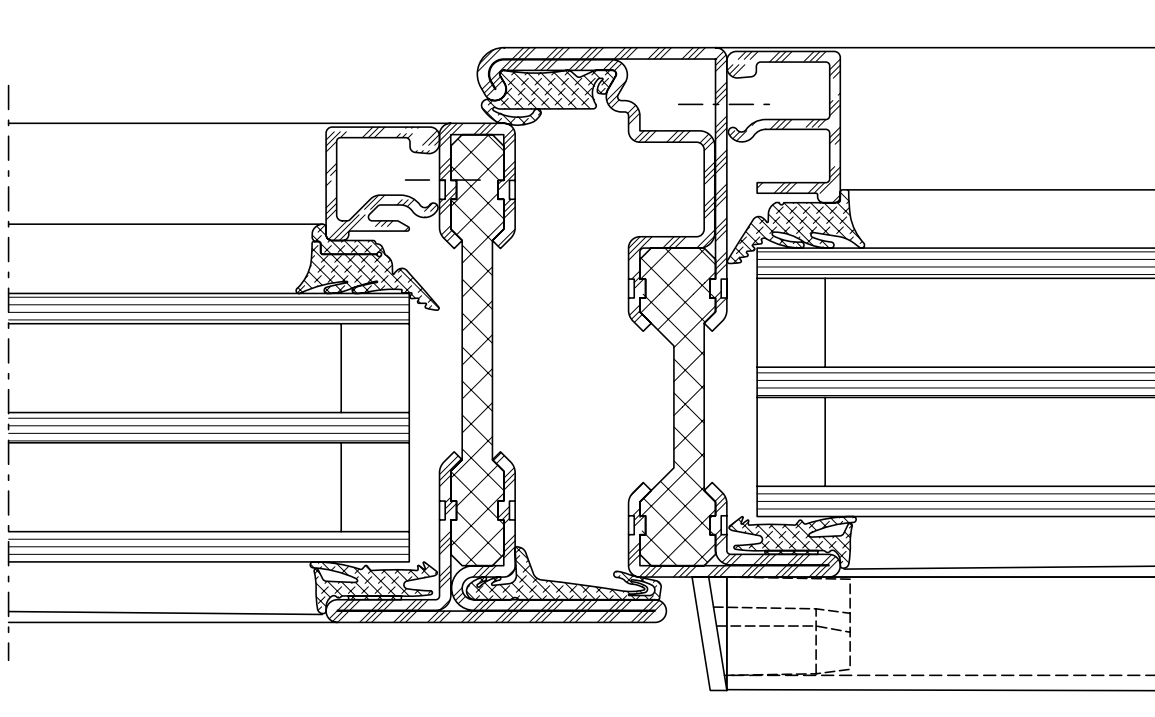
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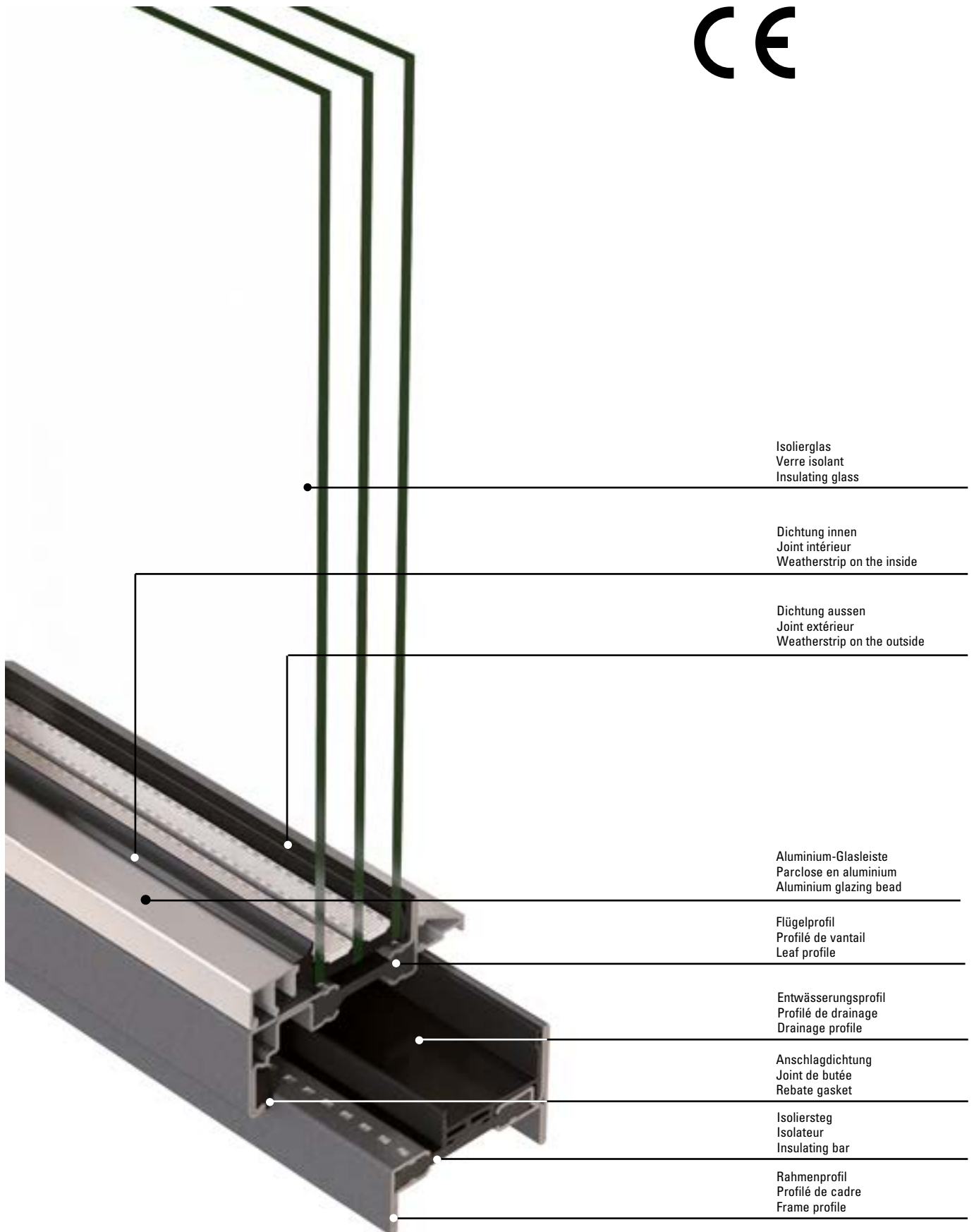
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Merkmale Leistungseigenschaften Typenübersicht	Caractéristiques Caractéristiques de performance Sommaire des types	Characteristics Performance characteristics Summary of types	
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Merkmale
Caractéristiques
Characteristics

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

- Wärmegeädämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten: Fenstersprossen 40 mm Rahmen inkl. Flügel ab 53 mm Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweissverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face: Meneau de fenêtre 40 mm Cadre avec vantail à partir de 53 mm Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths: Window sash bars 40 mm Frame including vent from 53 mm Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value														
		npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)
 EN 12210	Widerstandsfähigkeit bei Windlast Résistance à la pression du vent Resistance to wind load	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)									
 EN 12208	Schlagregendichtheit Étanchéité à la pluie battante Watertightness	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)				
 EN ISO 10140	Schalldämmung R_w (C , C_{tr}) (dB) Isolation phonique R_w (C , C_{tr}) (dB) Sound insulation R_w (C , C_{tr}) (dB)	npd	bis R_w 47 dB (-2; -7) jusqu'à R_w 47 dB (-2; -7) up to R_w 47 dB (-2; -7)													
 EN ISO 10077-2	Wärmedurchgangskoeffizient U_f (W/(m ² ·K)) Transmission thermique U_f (W/(m ² ·K)) Thermal production U_f (W/(m ² ·K))	npd	ab 1,6 W/m ² ·K à partir de 1,6 W/m ² ·K from 1,6 W/m ² ·K													
 EN 12207	Luftdurchlässigkeit Perméabilité à l'air Air permeability	npd	1 (150)	2 (300)	3 (600)	4 (600)										
 EN 14351-1	Tragfähigkeit von Sicherheitsvorrichtungen Capacité portante des dispositifs de sécurité Load-bearing capacity of safety devices	npd	Anforderung erfüllt Exigence remplie Requirement satisfied													
 EN 13115	Mechanische Festigkeit Résistance mécanique Mechanical strength	npd	1	2	3	4										
 EN 13115	Bedienkräfte Forces de manœuvre Operating forces	npd	0	1	2											
 EN 13049	Stoßfestigkeit Résistance aux chocs Impact resistance	npd	1	2	3	4	5									
 EN 14024	Metallprofile mit thermischer Trennung Profils en métal. avec rupture de pont thermique Metal profiles with thermal barrier		CW / TC2 / A													
 DIN 18008-4	Vorgefertigte absturzsichernde Verglasung Vitrage anti-chutes préfabriqué Prefabricated glazing suitable for safety barrier loading		Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled													

npd = keine Leistung festgestellt
(no performance determined)

npd = aucune performance
déterminée
(no performance determined)

npd = no performance determined

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Information and advice

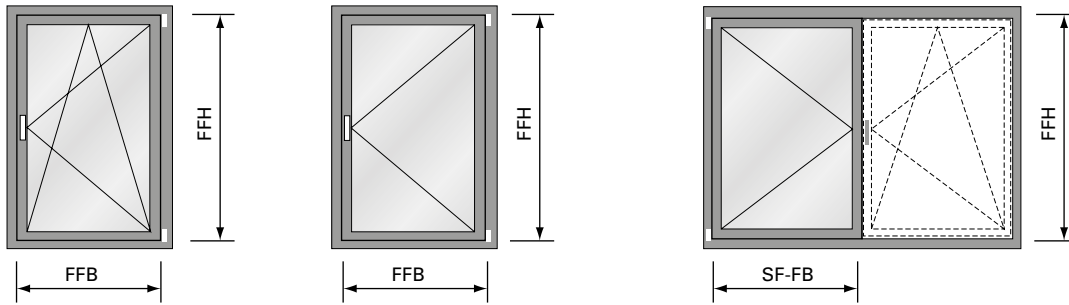
We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: info@jansen.com

Technische Daten**Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

Janisol Arte 66

*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m ²

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtré à deux vantaux:*

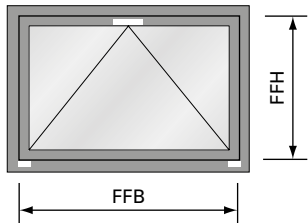
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m ²

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m ²

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
---------------	-------

*Grandeur du vantail**fenêtré à soufflet:*

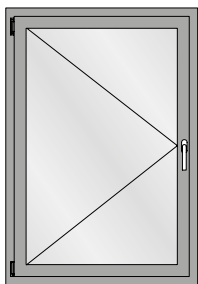
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
-------------	-------

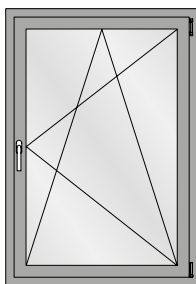
*Size of vent**bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

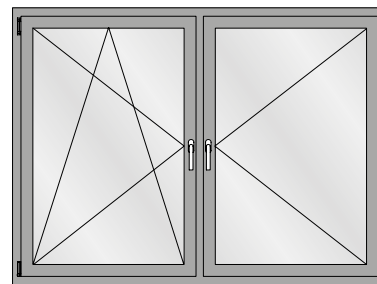
Max. weight:	80 kg
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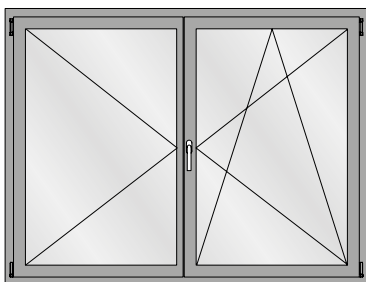
Drehflügel
Fenêtre à la française
Side-hung window



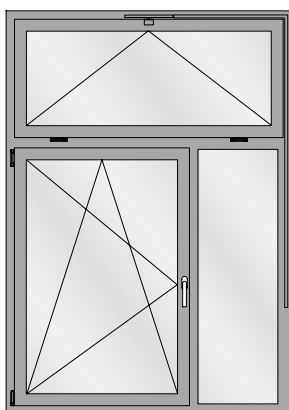
Drehkipp-Flügel
Vantail oscillo-battant
Turn/tilt window



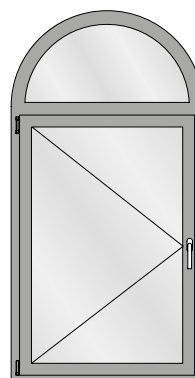
Drehkipp/Drehflügel (mit Pfosten)
Vantail oscillo-battant/fenêtre à la française
(avec montant)
Side-hung/turn/tilt window (with mullion)



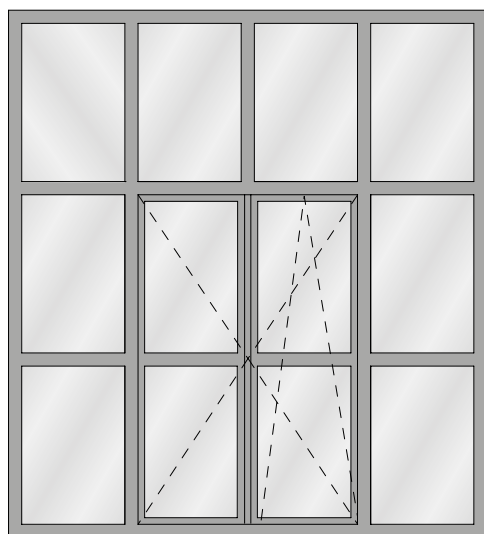
Stulpfenster
Fenêtre à deux vantaux
Double leaf window



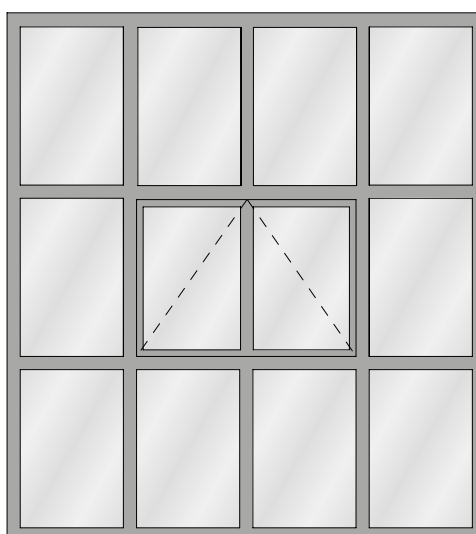
Fenster Drehkipp mit Oberlicht
Vantail oscillo-battant avec imposte
Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht
Fenêtre à la française avec imposte demi-rond
Side hung window with round arched top light



Drehkipp-Flügel mit Festverglasung
Vantail oscillo-battant avec vitrage fixe et imposte
Turn/tilt window with fixed lights and top lights



Kippfenster
Fenêtre à soufflet
Bottom-hung window

Profilübersicht

Sommaire des profilés

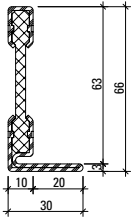
Summary of profiles

Janisol Arte 66

Janisol Arte 66

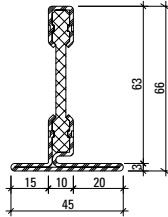
Janisol Arte 66

**Profile mit Lappen 20 mm
(Rahmen Drehkipp-Fenster)**

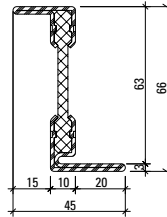


601.630 Z
601.630.09

**Profilés avec battue 20 mm
(cadre fenêtre oscillo-battante)**

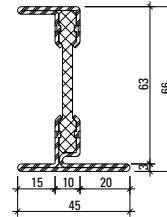


602.630 Z
602.630.09

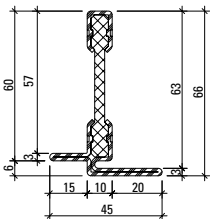


603.630 Z
603.630.09

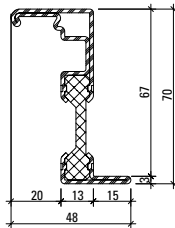
**Profiles with lips, 20 mm
(turn/tilt window frame)**



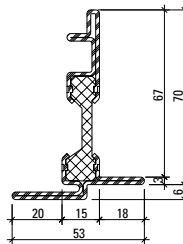
605.630 Z
605.630.09



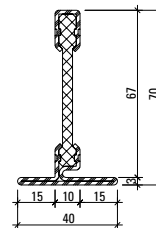
602.631 Z
602.631.09



610.900 Z
610.900.09

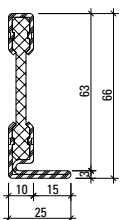


610.901 Z
610.901.09



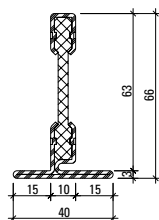
602.611.7 Z
602.611.79

**Profile mit Lappen 15 mm
(Festverglasungen)**

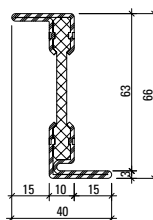


601.612 Z

**Profilés avec battue 15 mm
(Vitrages fixes)**

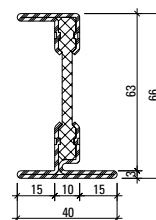


602.613 Z



603.612 Z
603.612.01
603.612.09

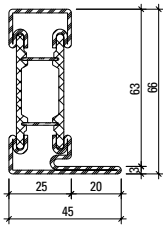
**Profiles with lips 15 mm
(Fixed glazings)**



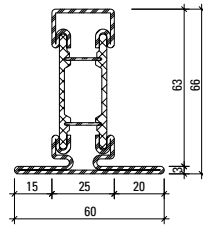
605.612 Z

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.630 Z	2,276	9,63	2,12	1,37	0,65	0,214
602.630 Z	2,615	10,65	2,20	2,42	1,02	0,243
603.630 Z	2,619	14,84	3,93	2,42	1,02	0,243
605.630 Z	2,958	16,83	4,05	3,19	1,24	0,272
602.631 Z	2,609	10,11	2,14	2,41	1,01	0,242
602.611.7 Z	2,353	11,85	2,35	1,68	0,84	0,241

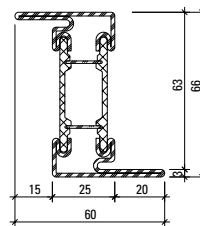
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.612 Z	2,159	9,23	2,12	0,83	0,48	0,204
602.613 Z	2,497	10,41	2,20	1,71	0,85	0,233
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234
605.612 Z	2,840	16,21	4,02	2,35	1,07	0,262
610.900 Z	3,048					0,272
610.901 Z	3,410					0,298



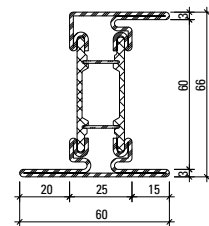
601.632 Z



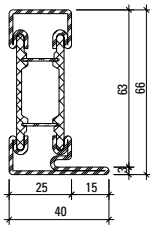
602.632 Z



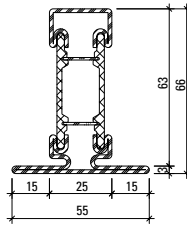
603.632 Z



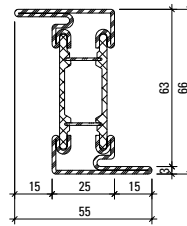
605.632 Z



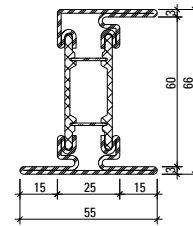
601.645 Z



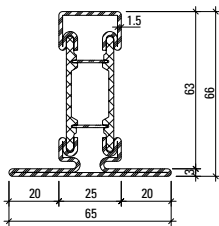
602.645 Z



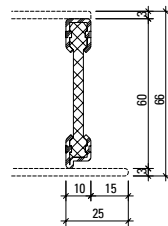
603.645 Z



605.645 Z



602.633 Z



600.612 Z

Oberfläche/Werkstoff

Artikel-Nr.

mit Z = bandverzinkter Stahl

Werkstoff 1.4401 (AISI 316)

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

Werkstoff

mit x9 = Stahl KB DOCOL 355W (Corten)

Edelstahl geschliffen auf Anfrage

Surface/Matériau

No. d'article

avec Z = bande d'acier zinguée

Matériau 1.4401 (AISI 316)

avec 01 = brut

avec 03 = polies, grain 220-240

Matériau

avec x9 = acier KB DOCOL 355W (Corten)

Acier Inox polie sur demande

Surface/Material

Part no.

with Z = strip galvanised steel

Material 1.4401 (AISI 316)

with 01 = bright

with 03 = polished, grain 220-240

Material

with x9 = steel KB DOCOL 355W (Corten)

Stainless steel polished on request

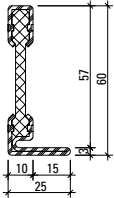
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.632 Z	3,217	16,98	4,21	4,70	1,67	0,249
601.645 Z	3,100	16,29	4,16	3,70	1,52	0,239
602.632 Z	3,701	19,13	4,34	7,15	2,28	0,290
602.645 Z	3,584	18,63	4,31	5,88	2,14	0,280
603.632 Z	3,700	22,63	6,61	7,16	2,28	0,290

Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
603.645 Z	3,583	21,56	6,53	5,88	2,14	0,280
605.632 Z	4,184	26,12	6,83	9,02	2,68	0,331
605.645 Z	4,067	25,31	6,78	7,54	2,53	0,321
602.633 Z	3,819	19,58	4,37	8,53	2,62	0,300
600.612 Z	1,292	4,39	1,44	0,14	0,26	0,150

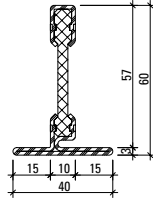
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profilés Janisol Arte 2.0
(Lappen 15 mm)

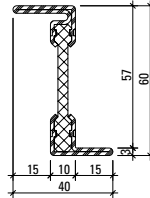
Profiles Janisol Arte 2.0
(Lappen 15 mm)



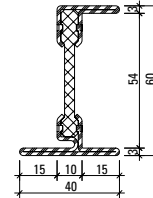
601.611 Z
601.611.01
601.611.09



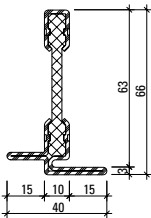
602.611 Z
602.611.01
602.611.09



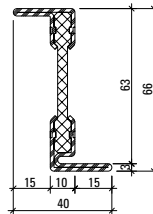
603.611 Z
603.611.01
603.611.09



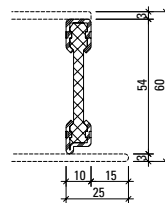
605.611 Z
605.611.01
605.611.09



602.612 Z
602.612.01
602.612.09



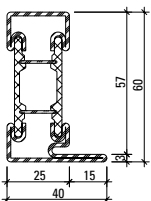
603.612 Z
603.612.01
603.612.09



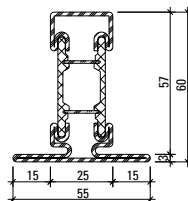
600.609 Z

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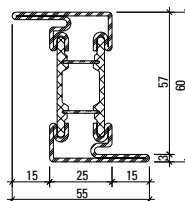
DXF **DWG**



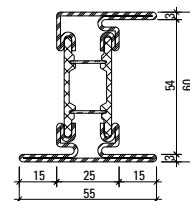
601.615 Z
601.615.09



602.615 Z
602.615.01
602.615.09



603.615 Z
603.615.09



605.615 Z
605.615.09

Stirnseitige Kennzeichnung
 Edelstahl (01) = Blau
 Corten (09) = Grün

Marquage en face avant
 Acier inox (01) = Bleu
 Corten (09) = Vert

Labelling on the front
 Stainless steel (01) = Blue
 Corten (09) = Green

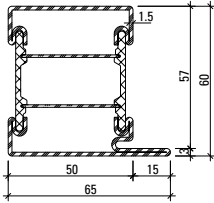
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.611 Z	1,930	7,31	1,85	0,78	0,46	0,192
602.611 Z	2,269	11,85	2,35	1,68	0,84	0,241
603.611 Z	2,273	11,13	3,47	1,68	0,84	0,222
605.611 Z	2,612	13,04	3,60	2,31	1,05	0,251
602.612 Z	2,491	9,75	2,11	1,71	0,85	0,232
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
600.609 Z	1,242	3,39	1,23	0,14	0,26	0,138
601.615 Z	3,020	12,93	3,64	3,70	1,52	0,227
602.615 Z	3,516	14,85	3,79	5,88	2,14	0,268
603.615 Z	3,515	17,23	5,74	5,88	2,14	0,268
605.615 Z	3,999	20,27	5,97	7,53	2,53	0,309

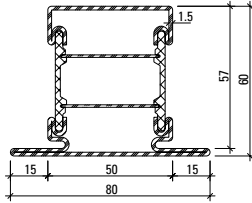
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profils Janisol Arte 2.0
(Lappen 15 mm)

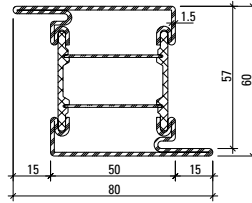
Profiles Janisol Arte 2.0
(Lappen 15 mm)



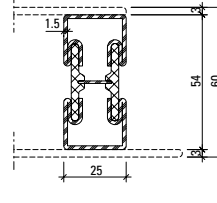
601.616 Z



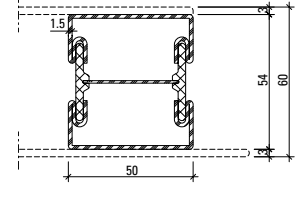
602.616 Z



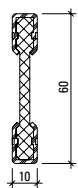
603.616 Z



600.008 Z



600.007 Z



600.610 Z

Oberfläche/Werkstoff	
Artikel-Nr.	
mit Z	= bandverzinkter Stahl
Werkstoff 1.4401 (AISI 316)	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
Werkstoff	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
avec Z	= bande d'acier zinguée
Matériau 1.4401 (AISI 316)	
avec 01	= brut
avec 03	= polies, grain 220-240
Matériau	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
with Z	= strip galvanised steel
Material 1.4401 (AISI 316)	
with 01	= bright
with 03	= polished, grain 220-240
Material	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

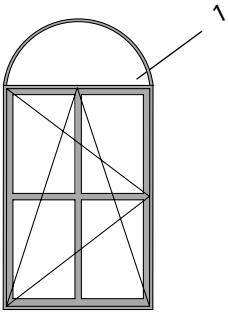
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.616 Z	3,746	17,89	5,20	16,30	4,60	0,295
602.616 Z	4,239	20,08	5,33	22,41	5,60	0,318
603.616 Z	4,219	22,02	7,34	22,38	5,59	0,318
600.610 Z	1,532	4,94	1,65	0,18	0,36	0,151
600.008 Z	2,826	8,12	2,82	2,57	5,06	0,170
600.007 Z	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für
 Edelstahlprofile
 Poids pour profilés
 en acier Inox
 Weights for
 stainless steel profiles**

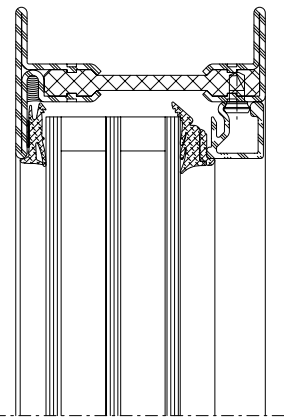
601.611.01	= 1,964 kg/m
602.611.01	= 2,311 kg/m
603.611.01	= 2,316 kg/m
605.611.01	= 2,663 kg/m
602.612.01	= 2,536 kg/m
603.612.01	= 2,548 kg/m
602.615.01	= 3,517 kg/m

Bogenfenster
Fenêtres cintrées
Arched windows

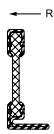
Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66



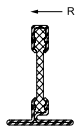
1.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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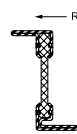


601.612 Z	450 mm
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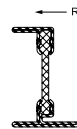


602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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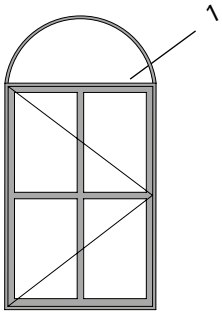
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



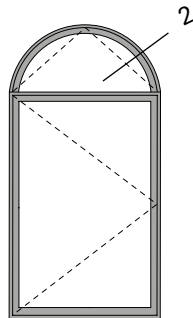
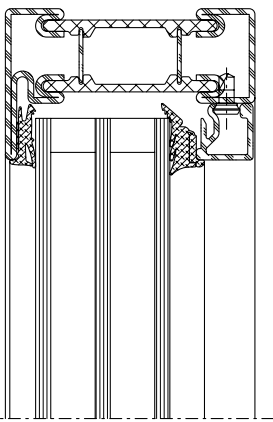
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



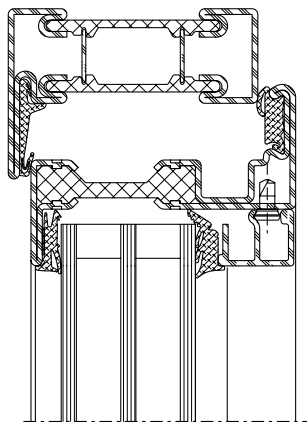
402.990	300 mm
402.991	300 mm
402.992	300 mm



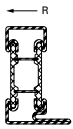
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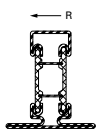
2.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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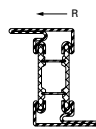


601.632 Z	600 mm
601.645 Z	600 mm

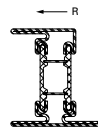


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

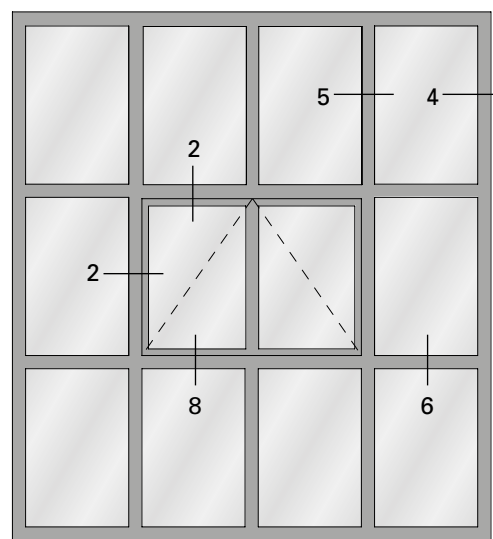
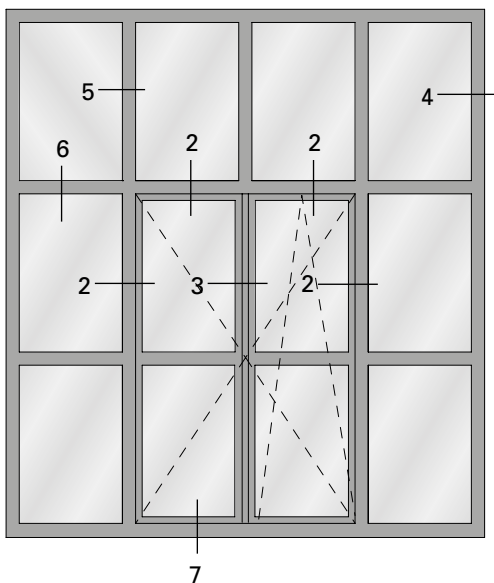
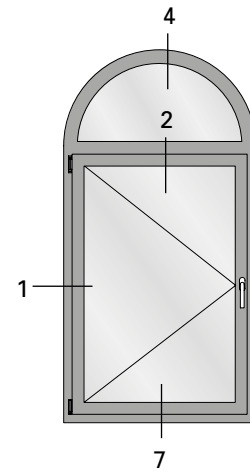
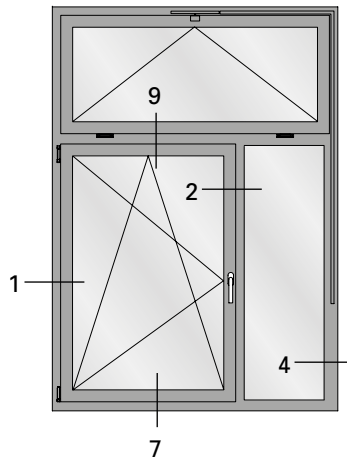
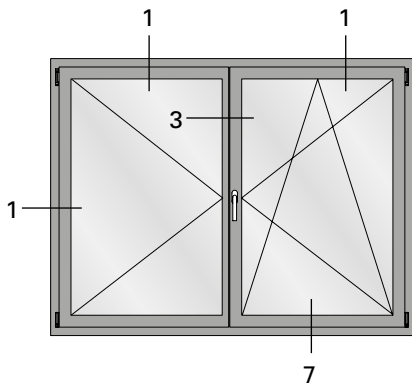
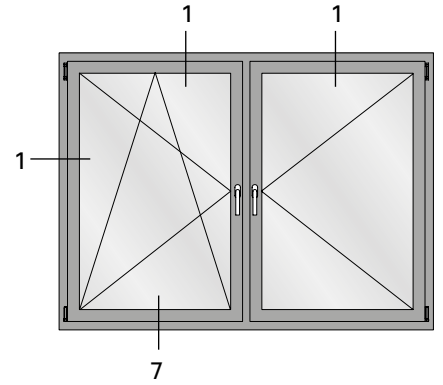
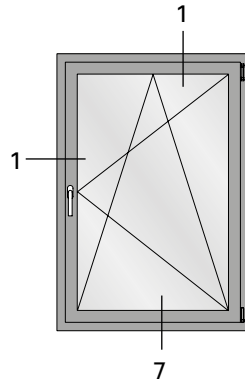
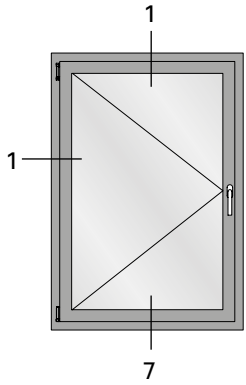
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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406.930	300 mm
406.931	300 mm
406.932	300 mm

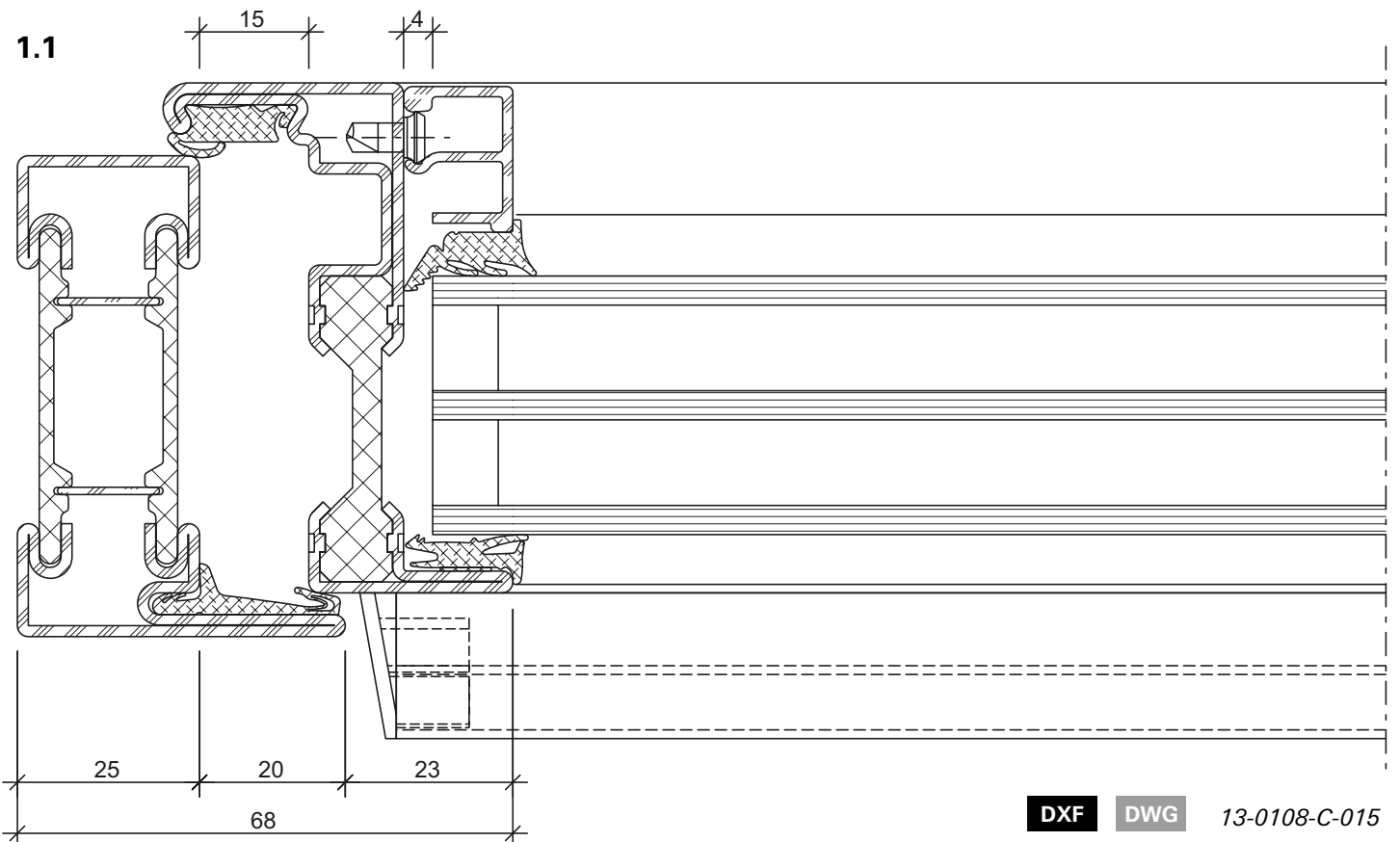
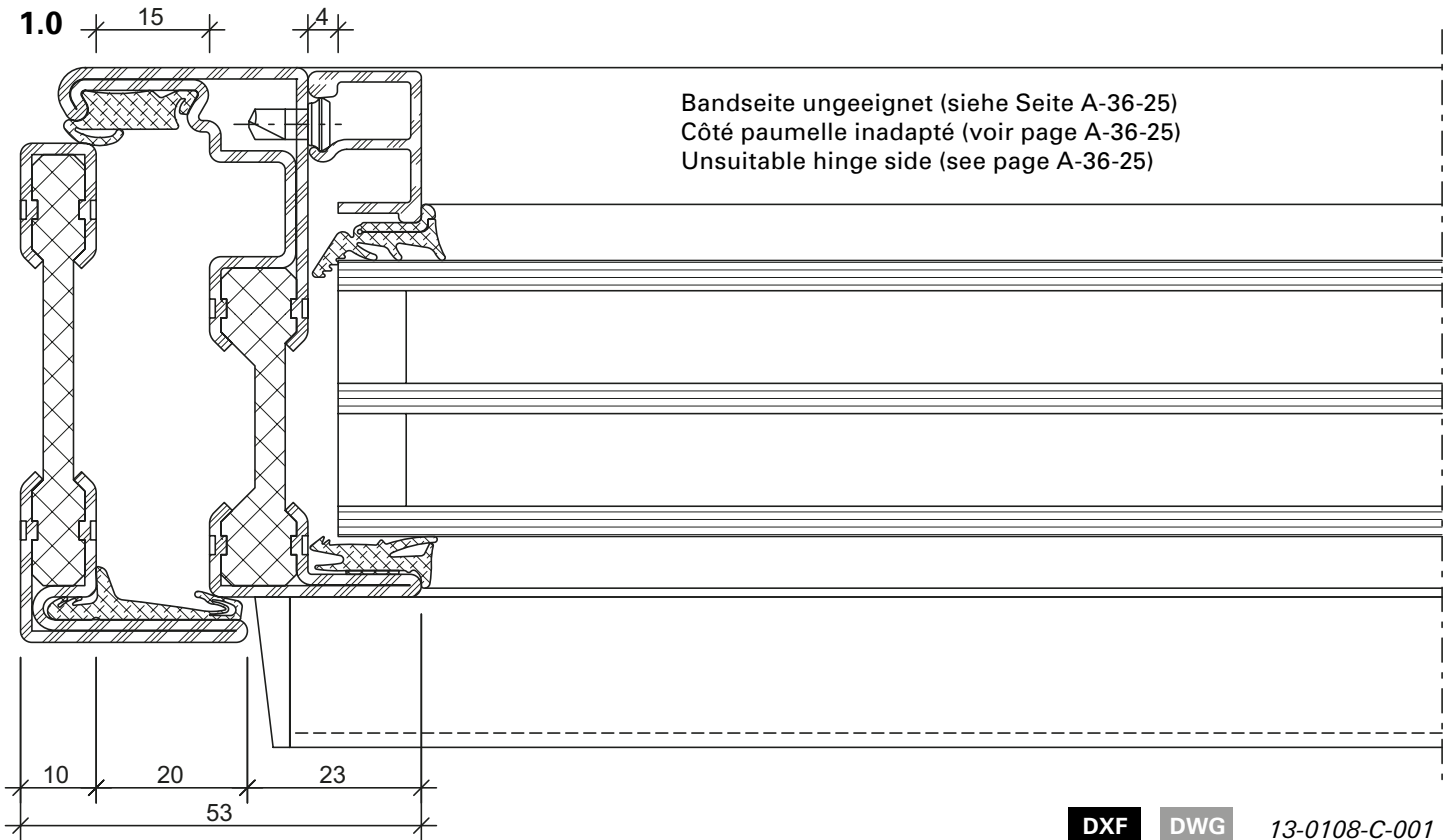
Schnittpunkte nach innen öffnend
Coupe de détails ouvrant vers l'intérieur
Section details opening inwards

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66



Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

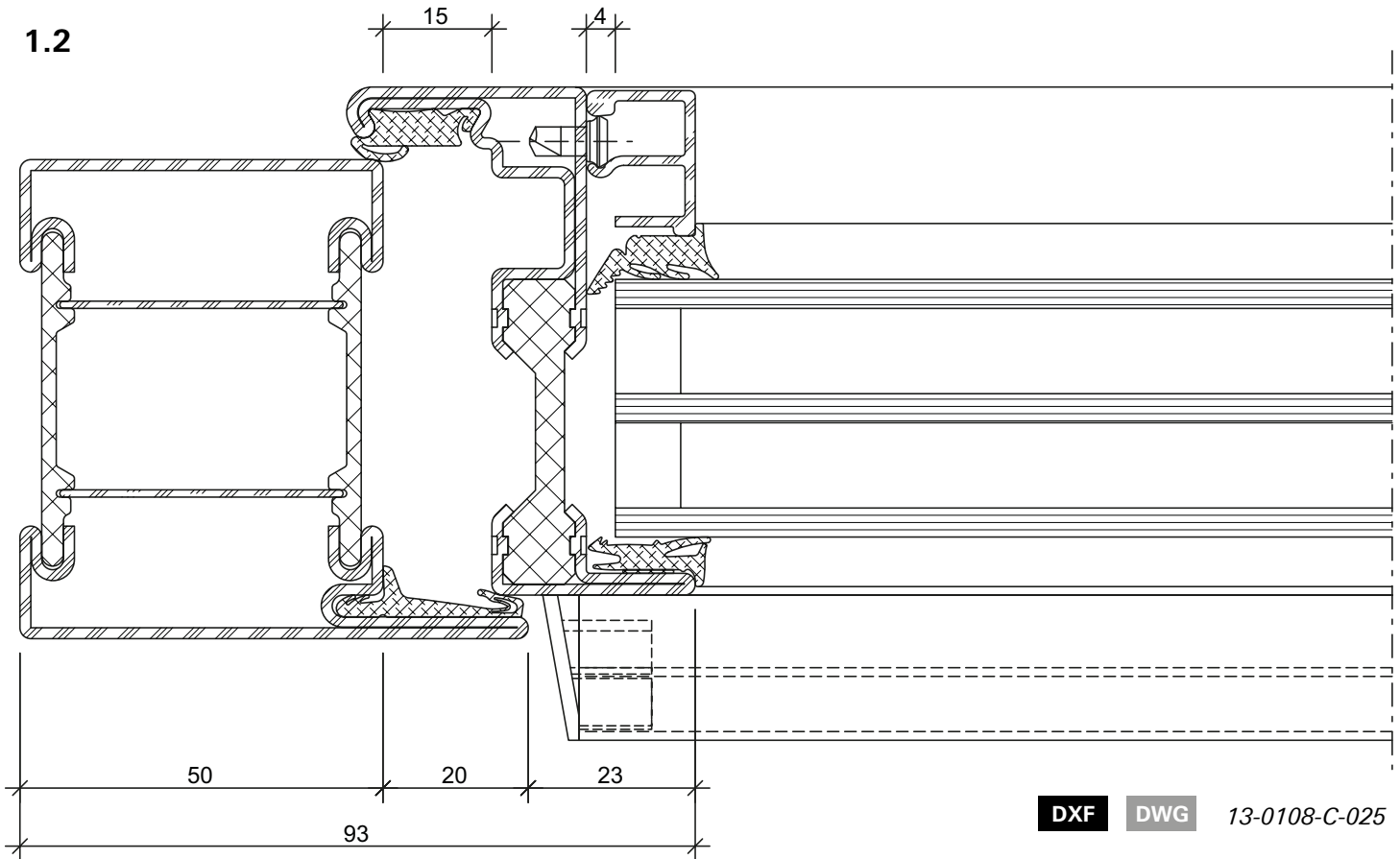
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

1.2

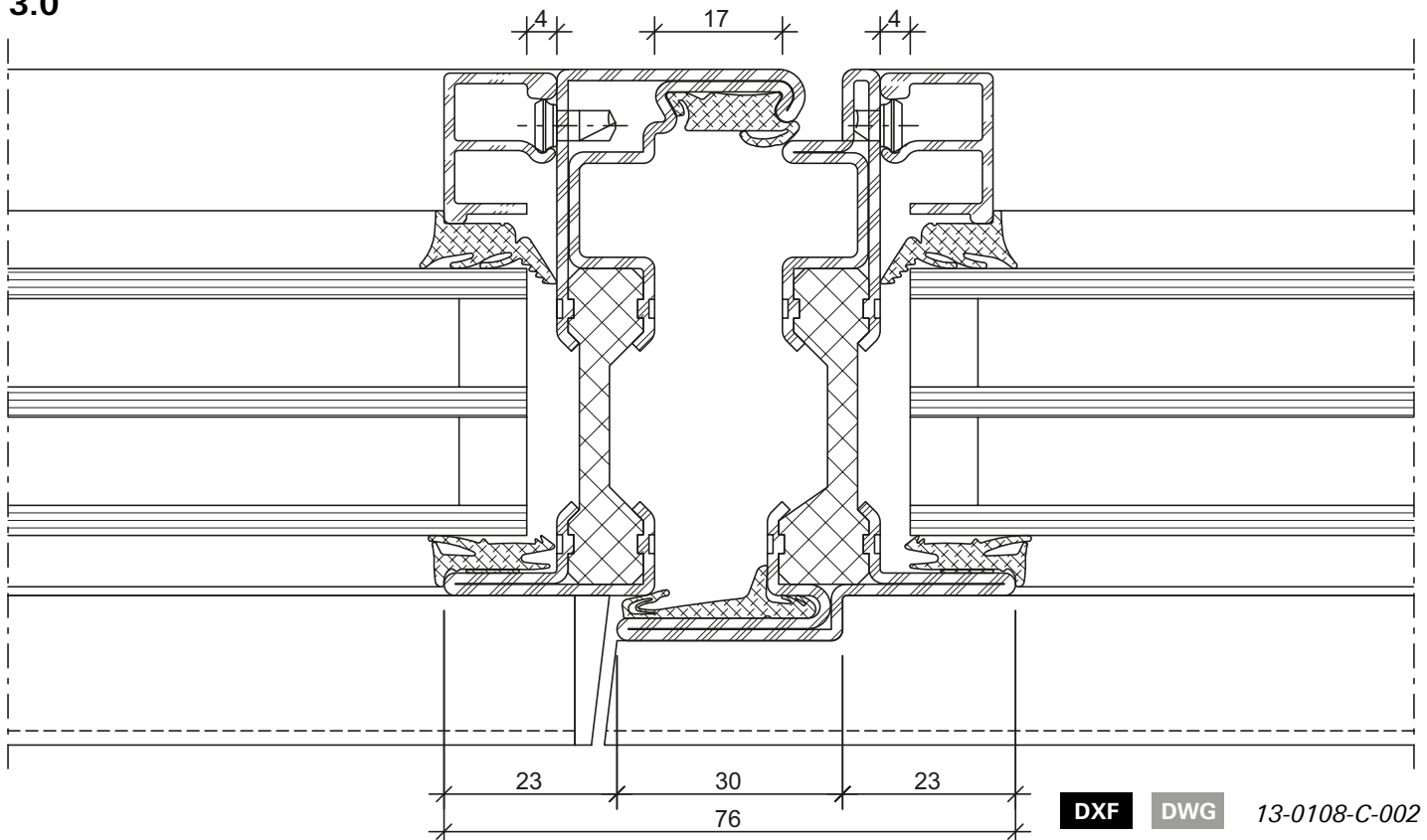


DXF

DWG

13-0108-C-025

3.0



DXF

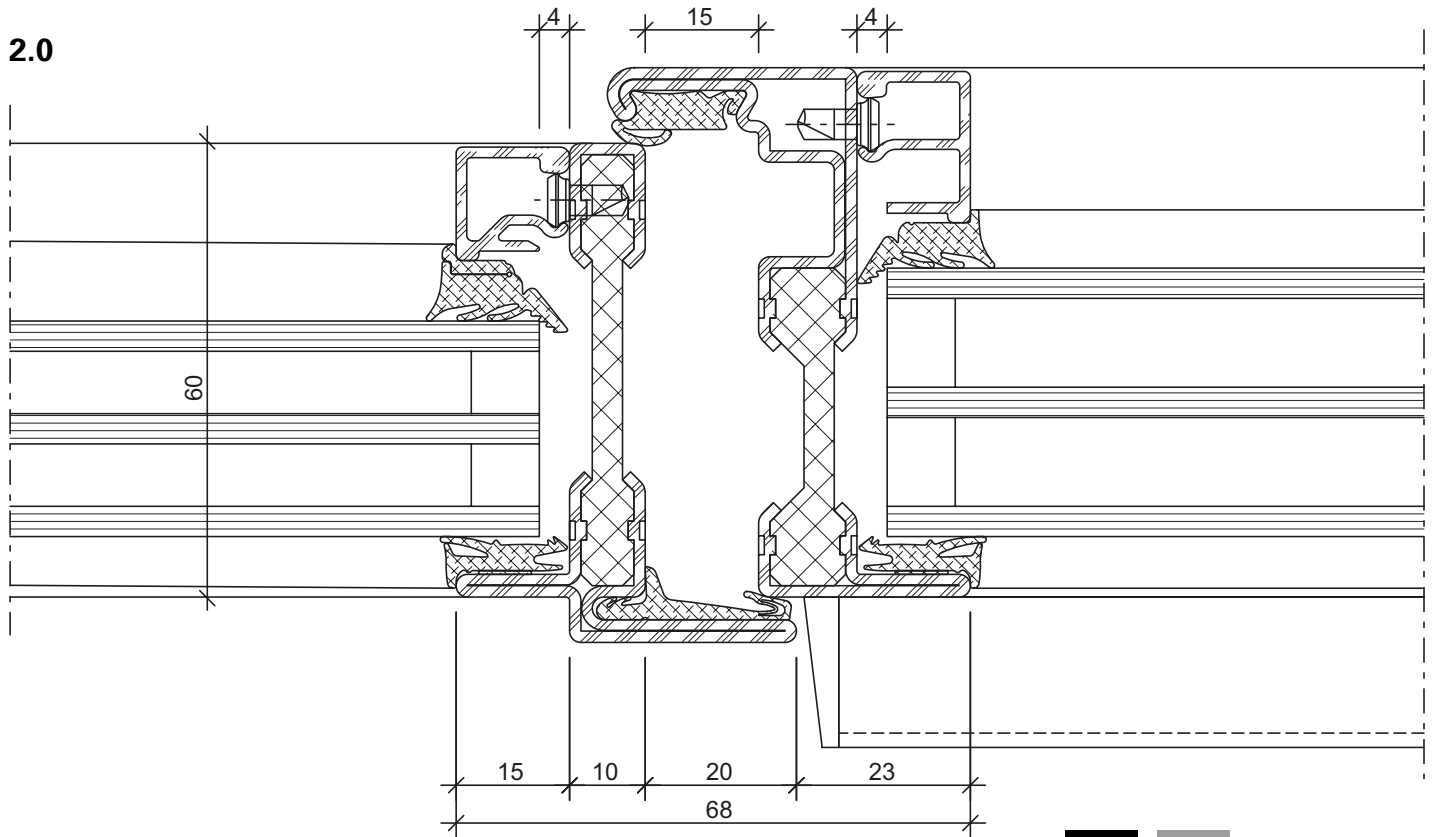
DWG

13-0108-C-002

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

2.0

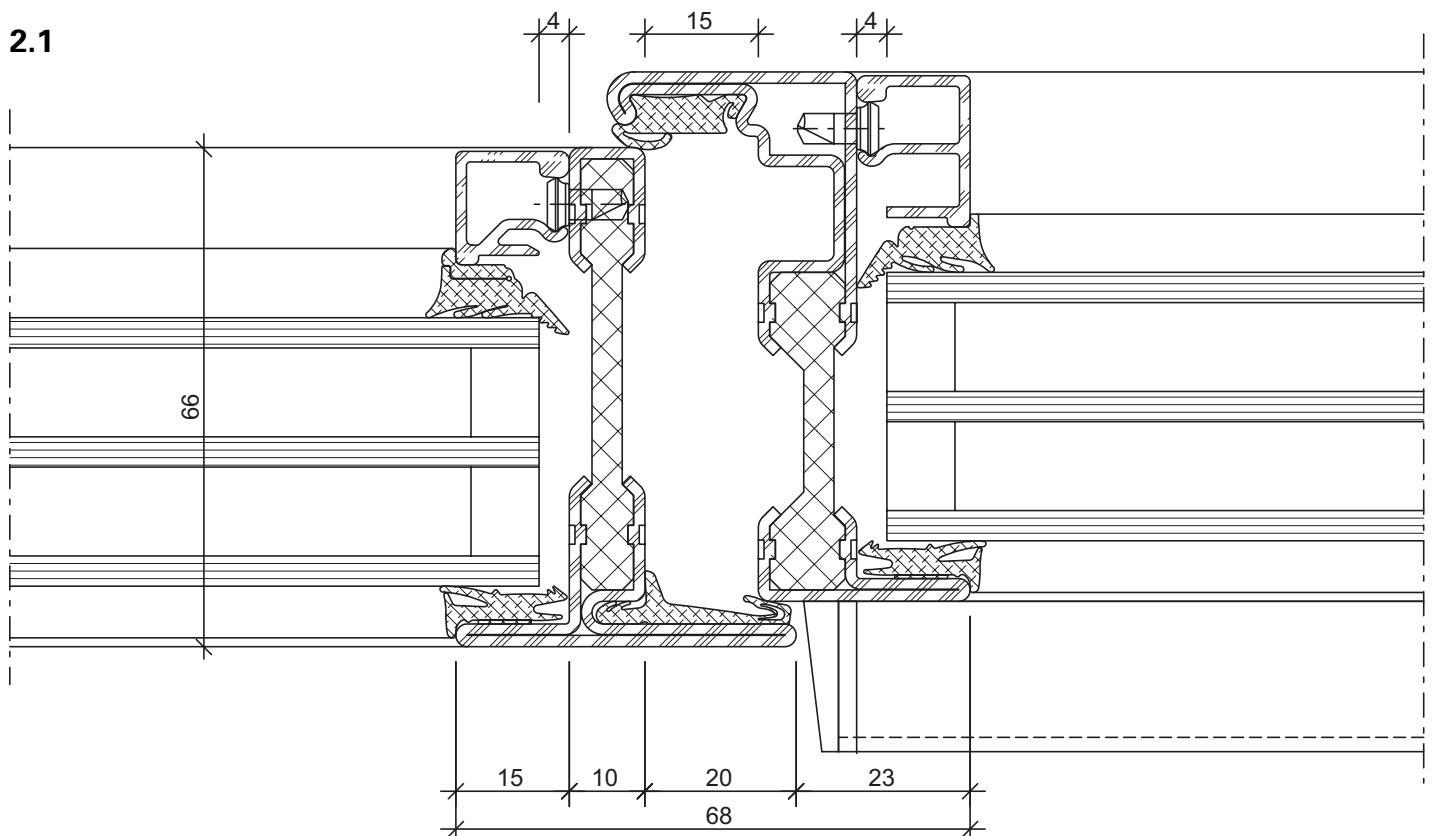


DXF

DWG

13-0108-C-003

2.1



DXF

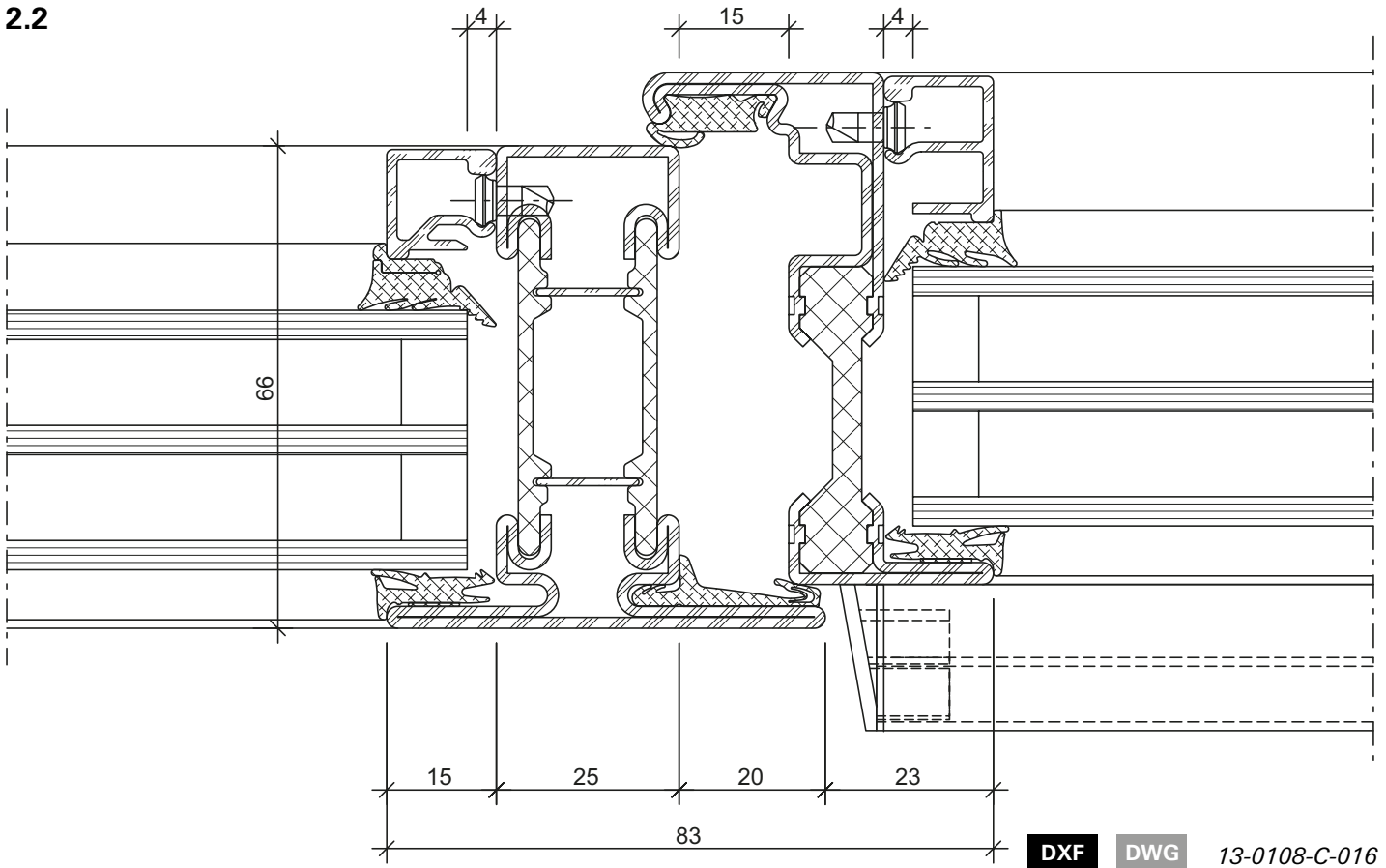
DWG

13-0108-C-004

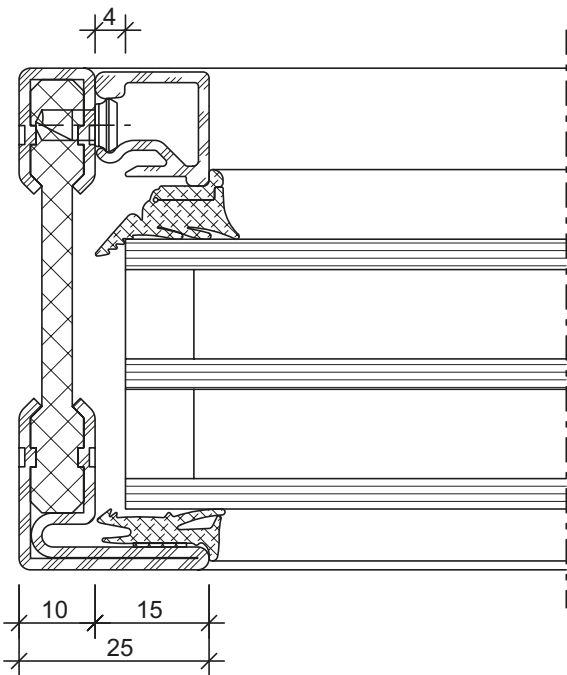
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

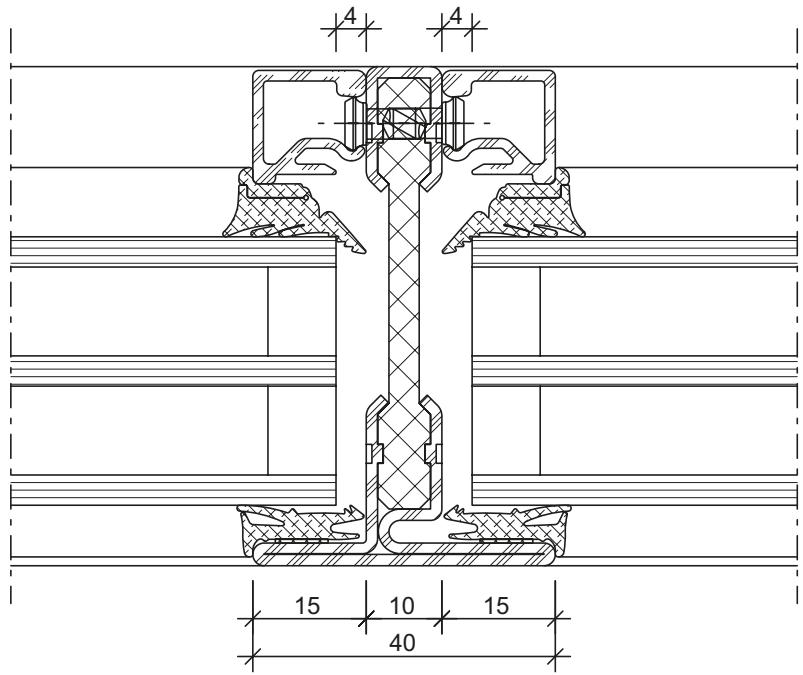
2.2



4.0



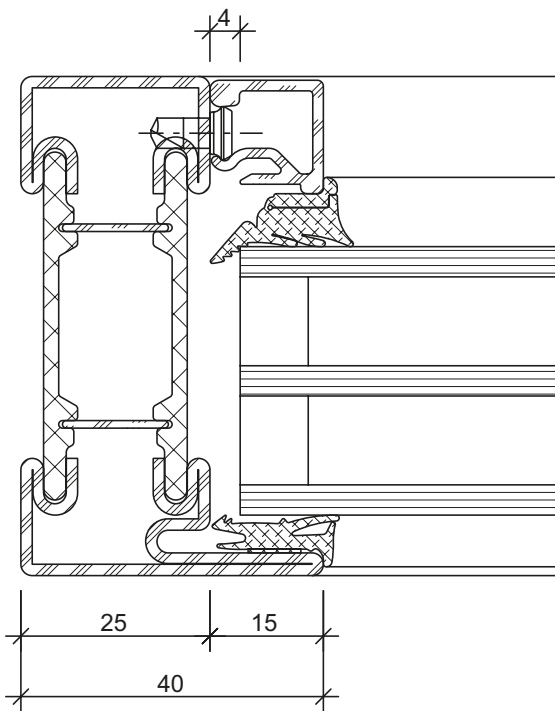
5.0



DXF DWG 13-0108-C-006

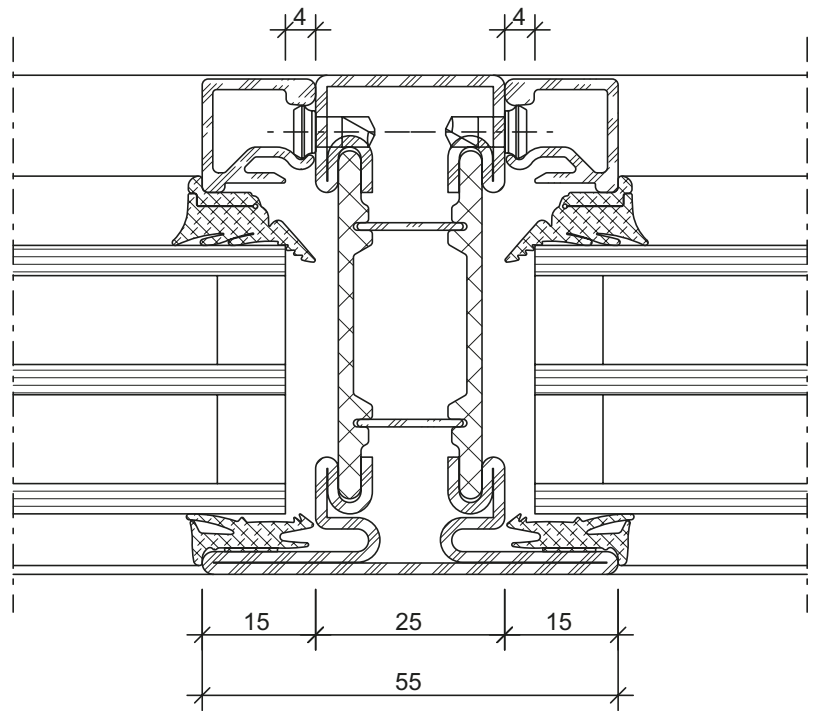
DXF DWG 13-0108-C-007

4.1



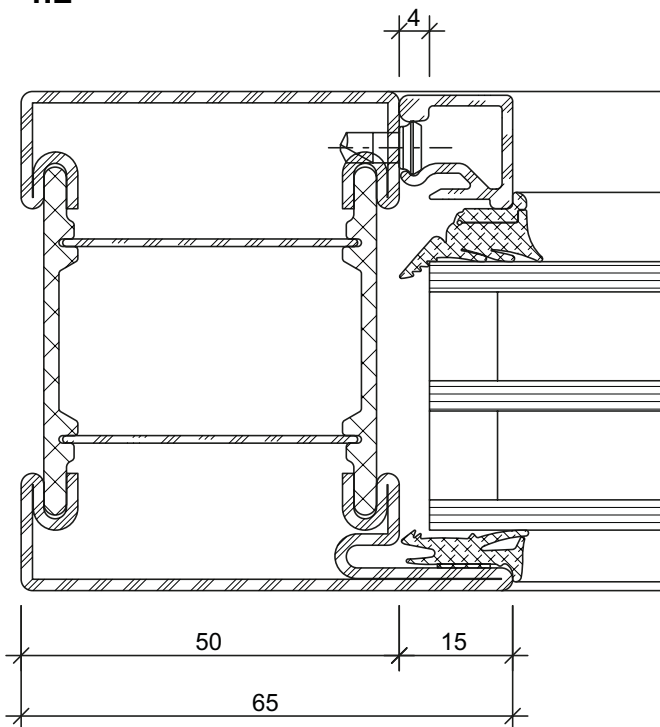
DXF **DWG** 13-0108-C-017

5.1



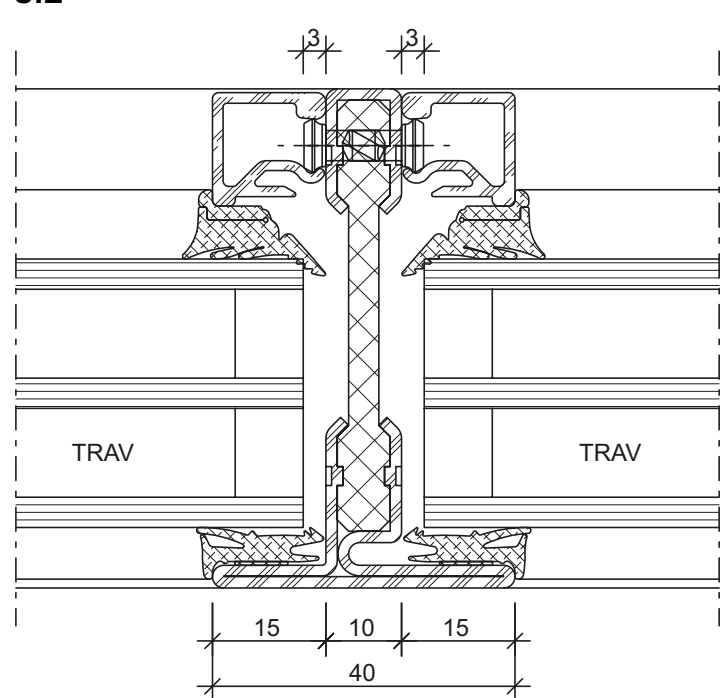
DXF **DWG** 13-0108-C-018

4.2



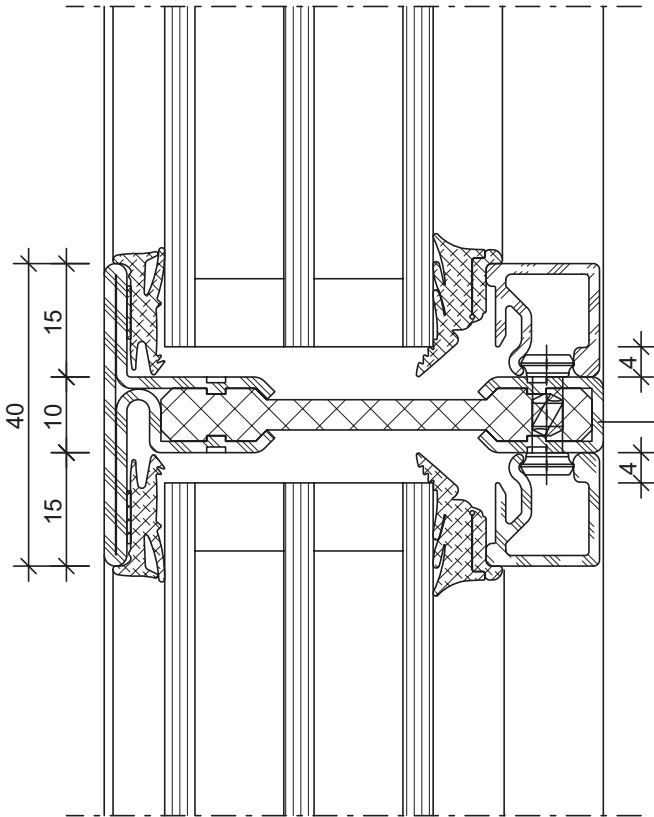
DXF **DWG** 13-0108-C-024

5.2



DXF **DWG** 13-0108-C-014

6.0

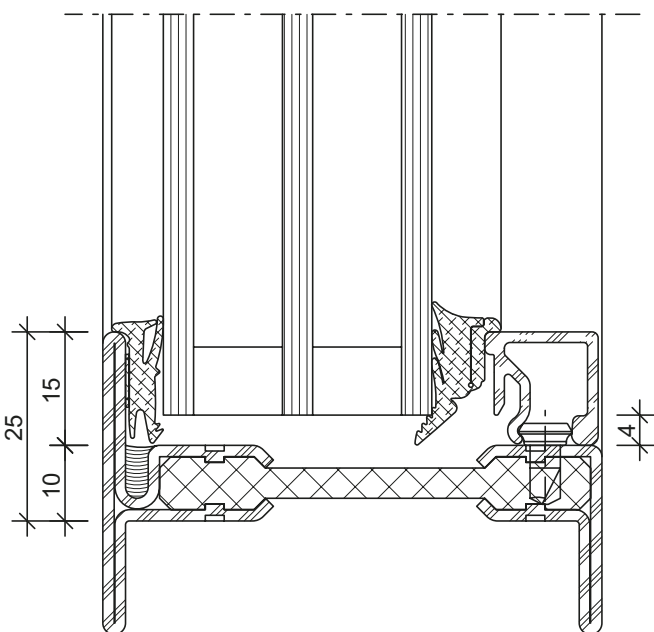


13-0108-C-009

DWG

DXF

4.1



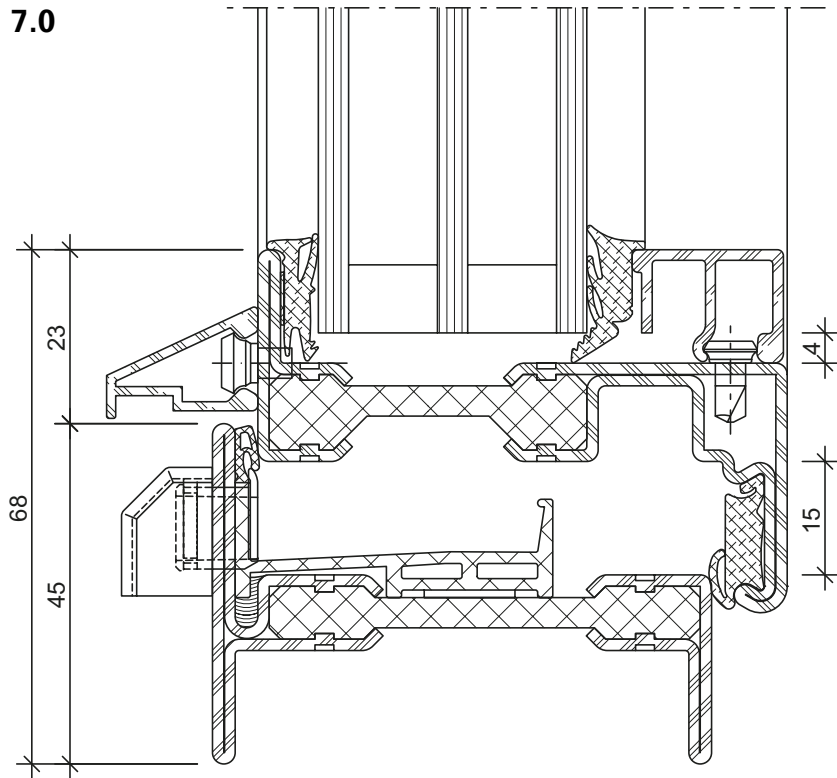
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

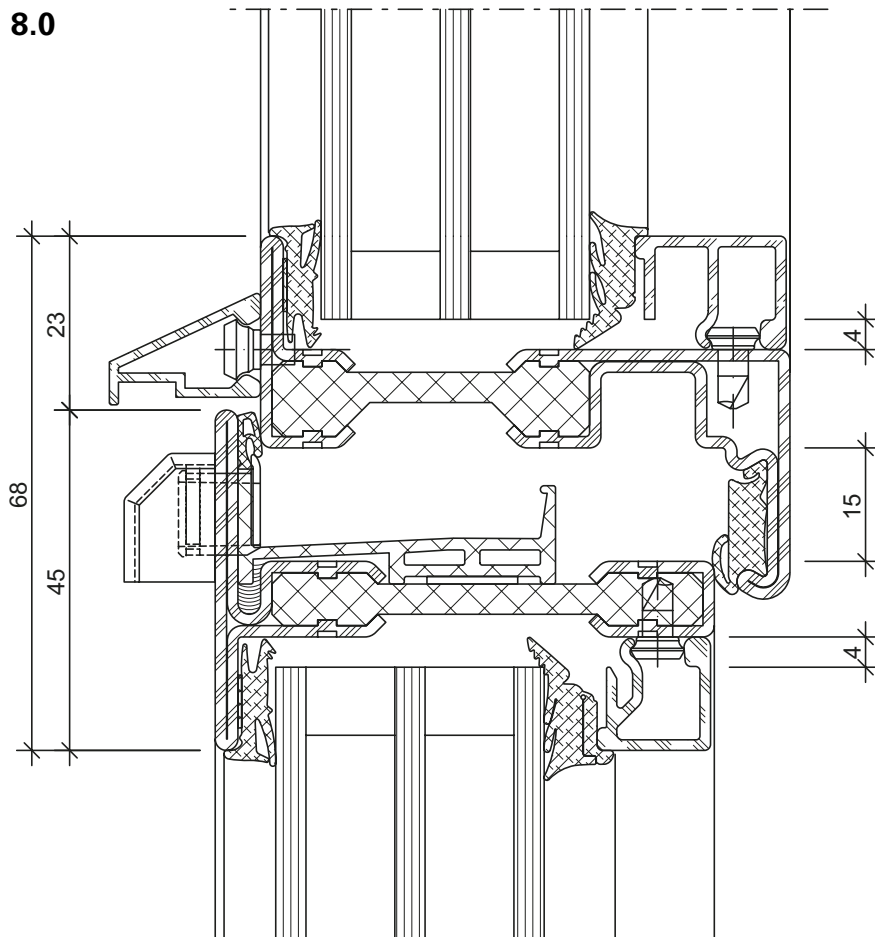
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



13-0108-C-010

DWG

DXF

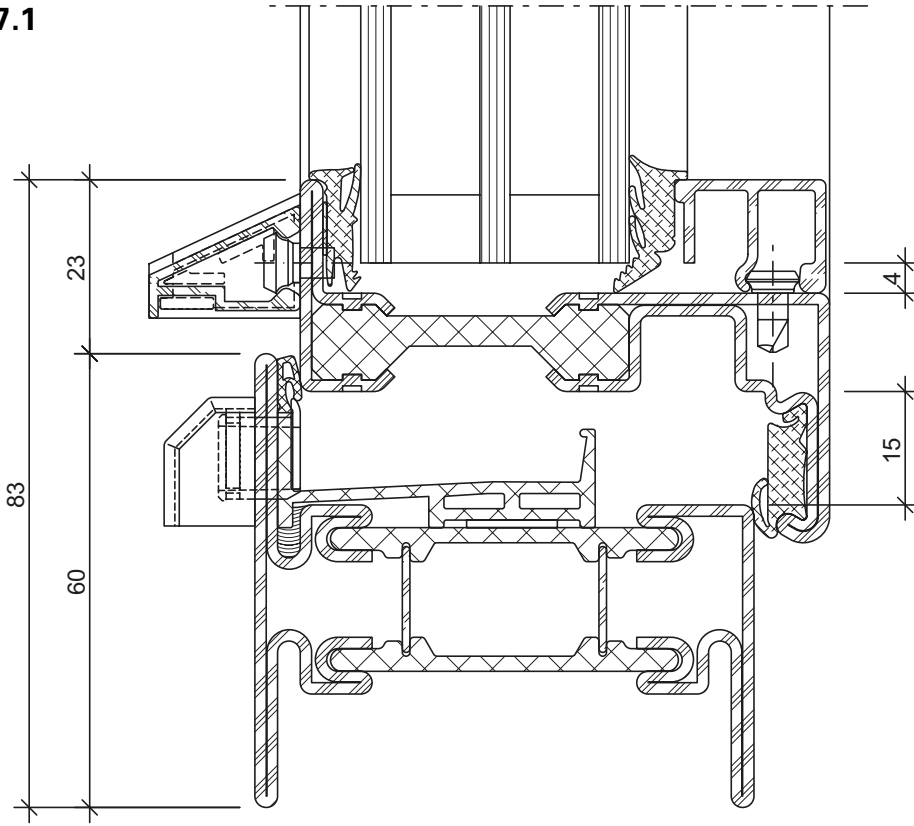


13-0108-C-013

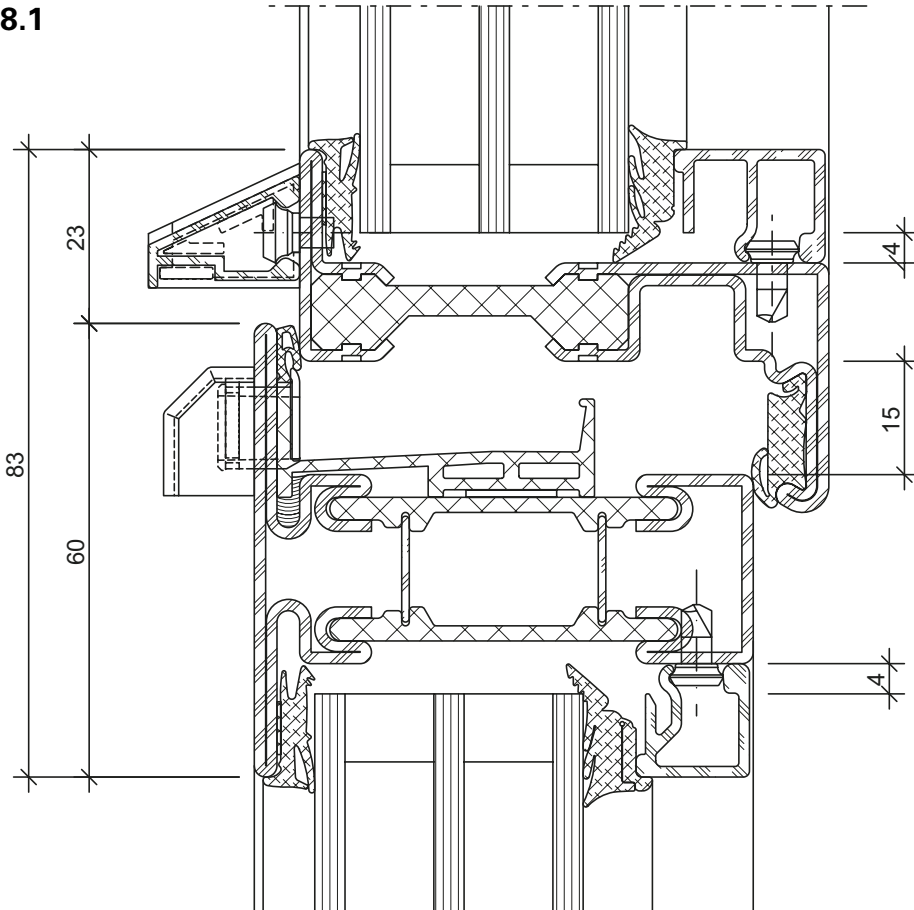
DWG

DXF

7.1



8.1



13-0108-C-019

DWG

DXF

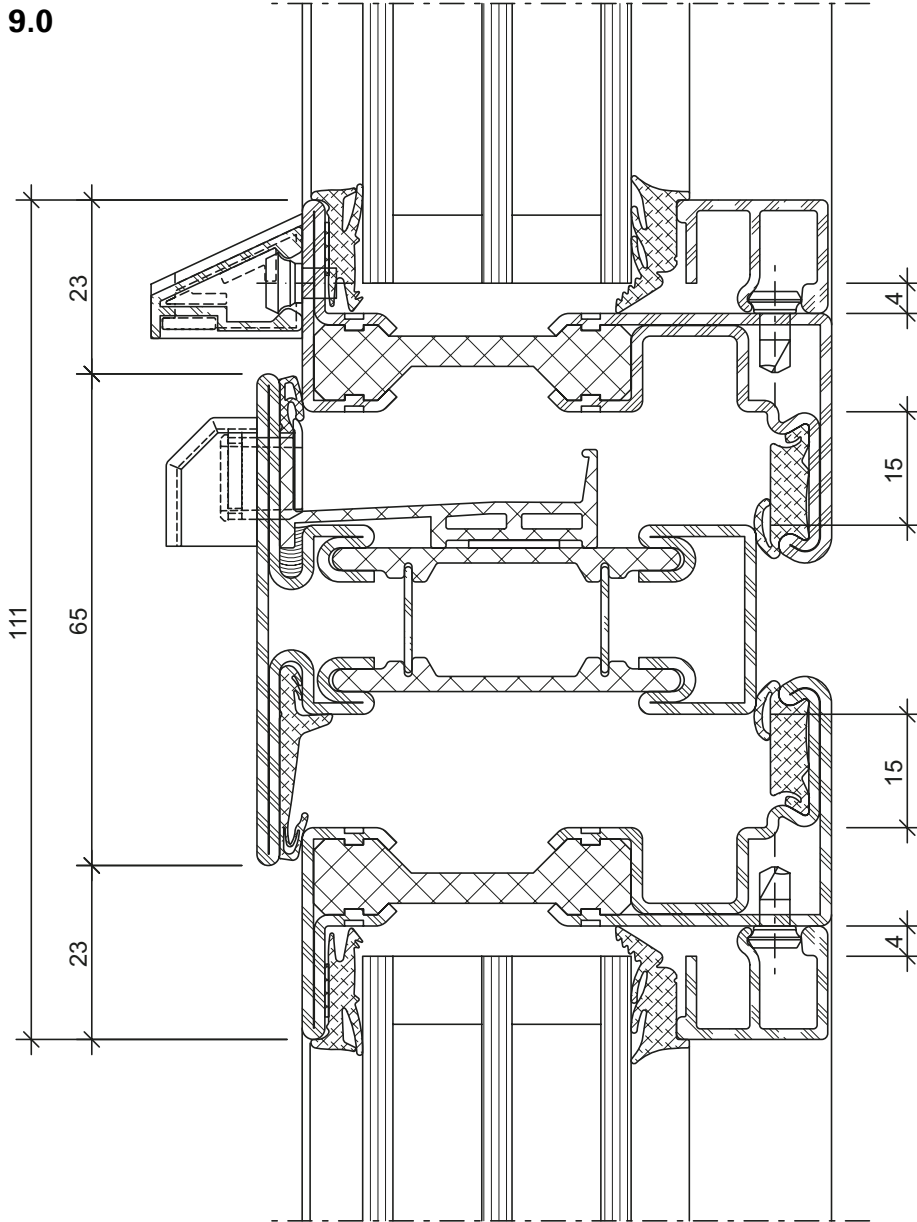
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

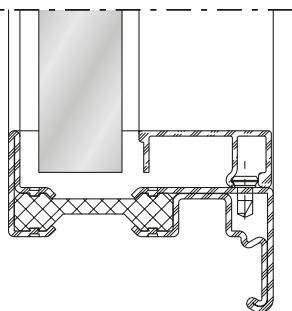
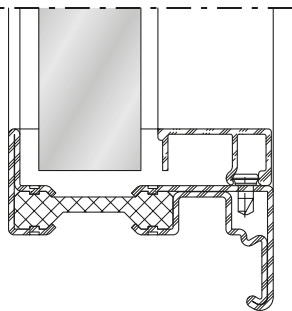
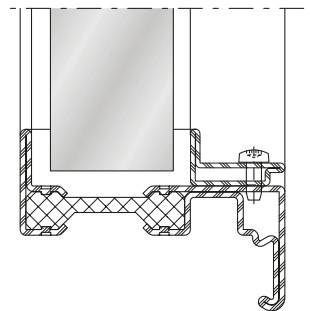
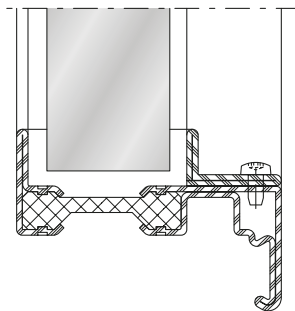
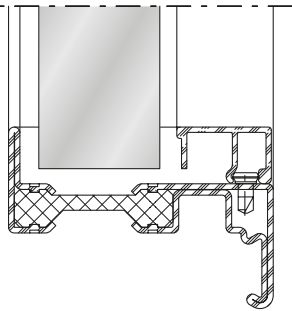
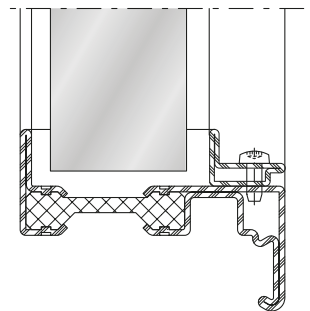
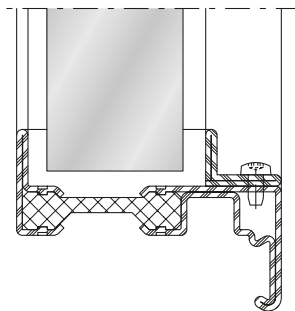
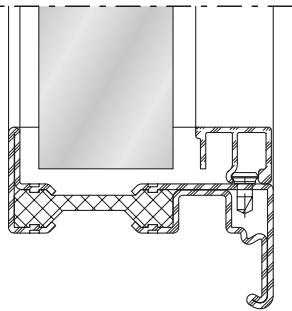
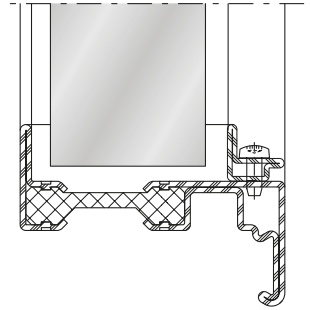
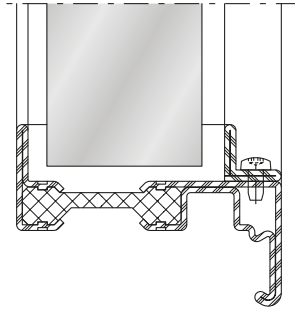
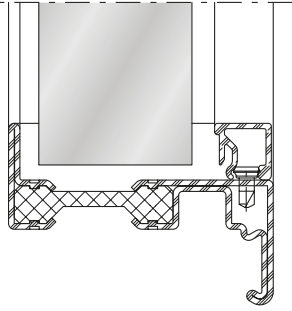


13-0108-C-020

DWG
DXF

Aluminium

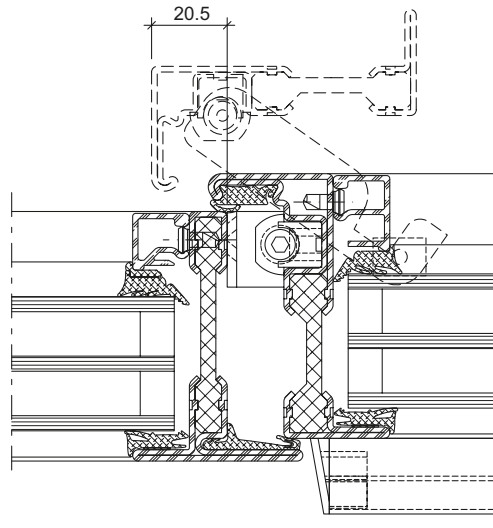
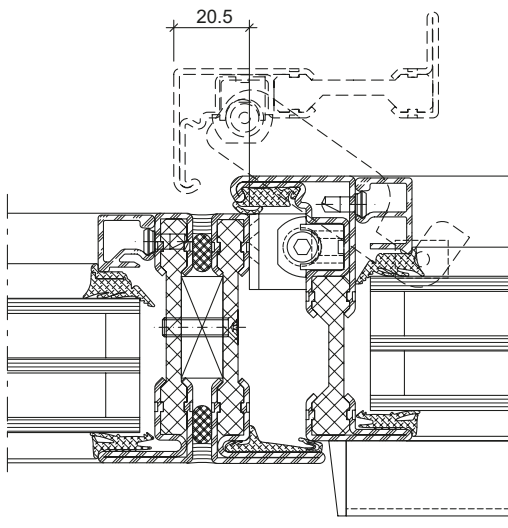
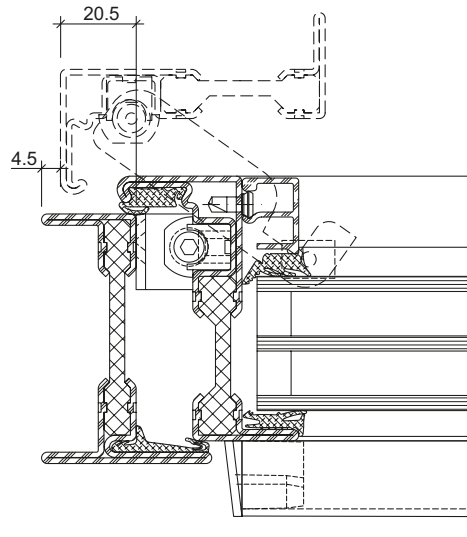
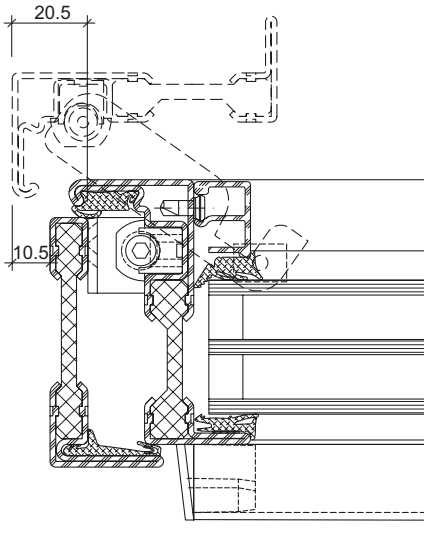
Stahl / Acier / Steel



Platzbedarf
Verdeckt liegender Fensterbeschlag

Espace nécessaire
Ferrure de fenêtre non apparente

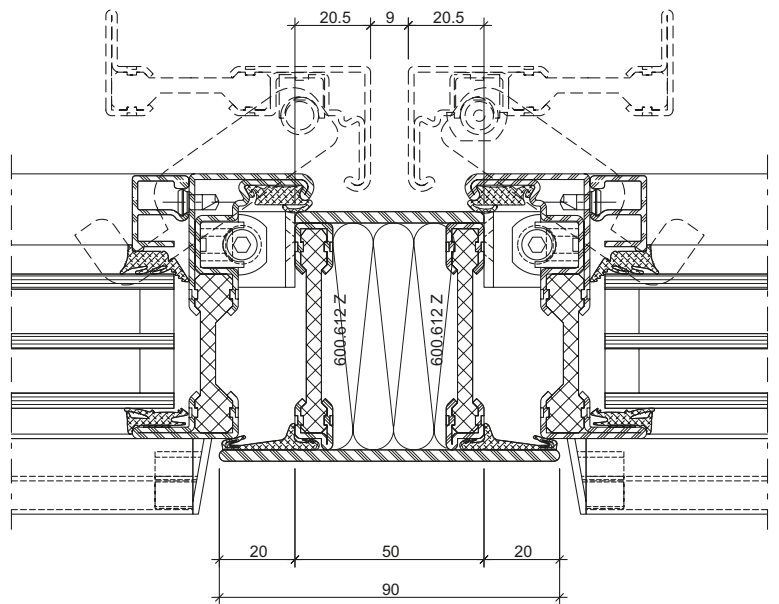
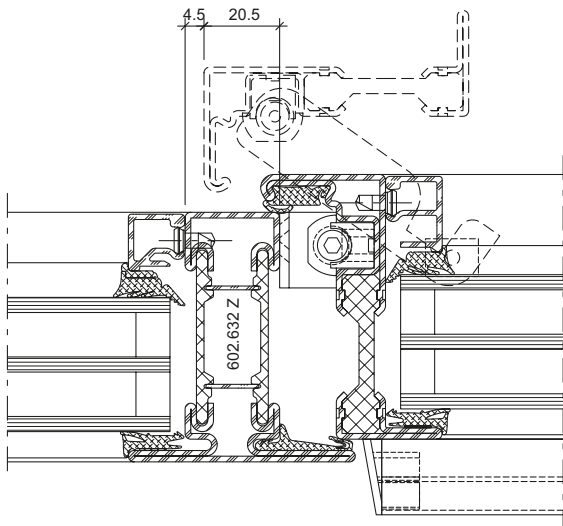
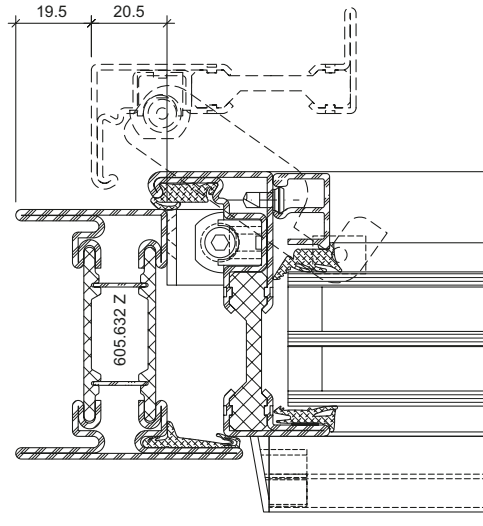
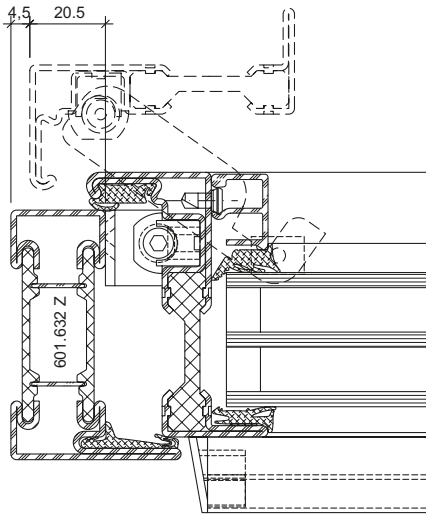
Space required
Concealed window fitting



Platzbedarf
Verdeckt liegender Fensterbeschlag

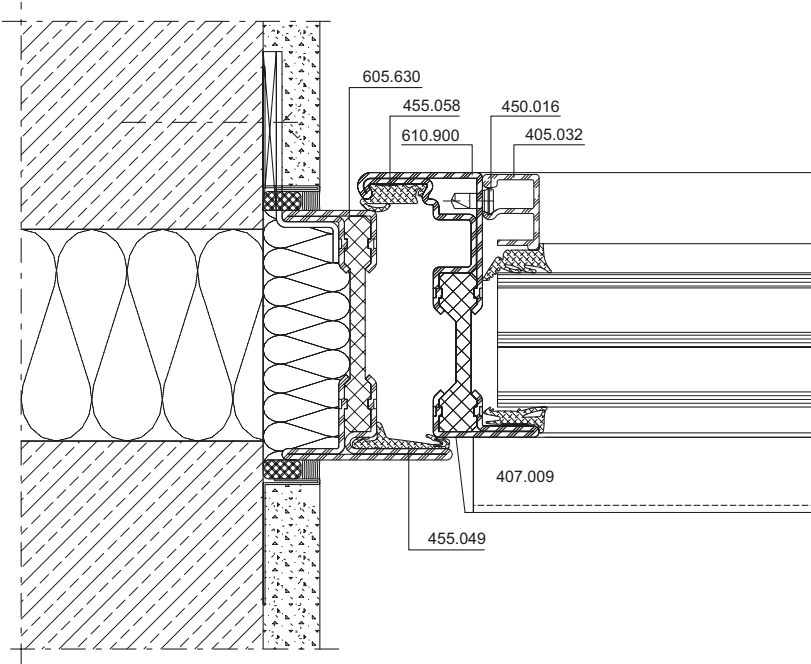
Espace nécessaire
Ferrure de fenêtre non apparente

Space required
Concealed window fitting



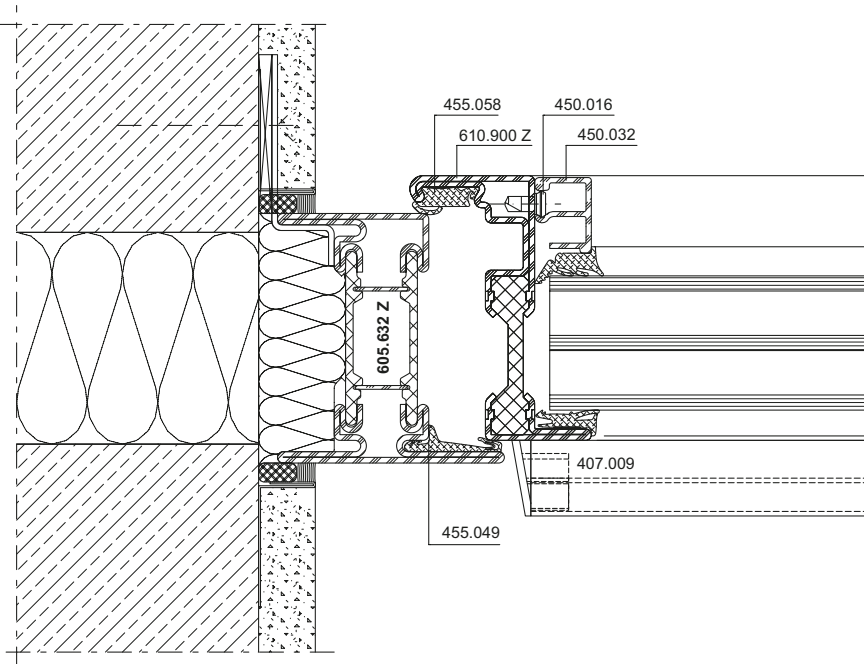
Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

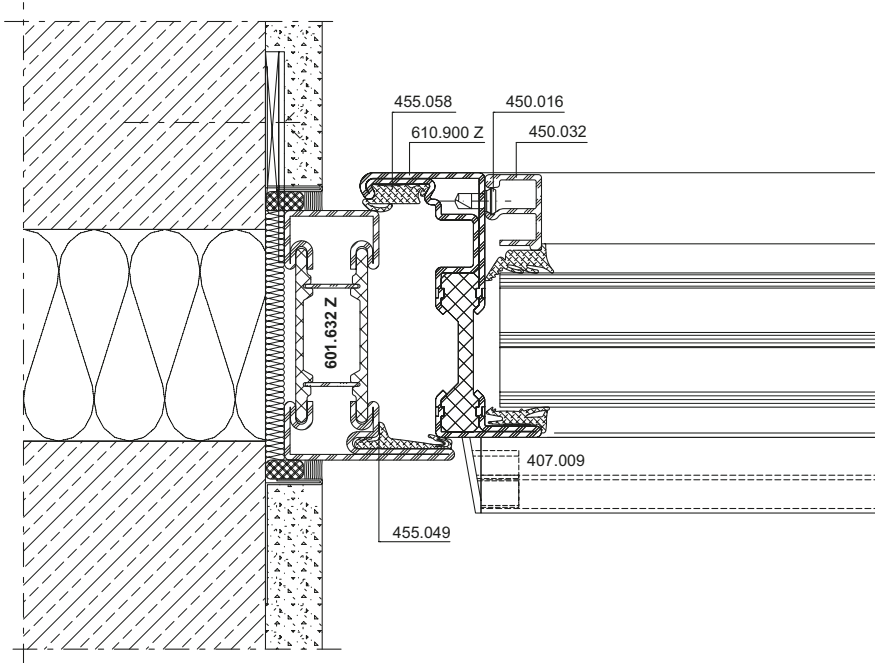
DXF **DWG** 13-0108-A-001



DXF **DWG** 13-0108-A-005

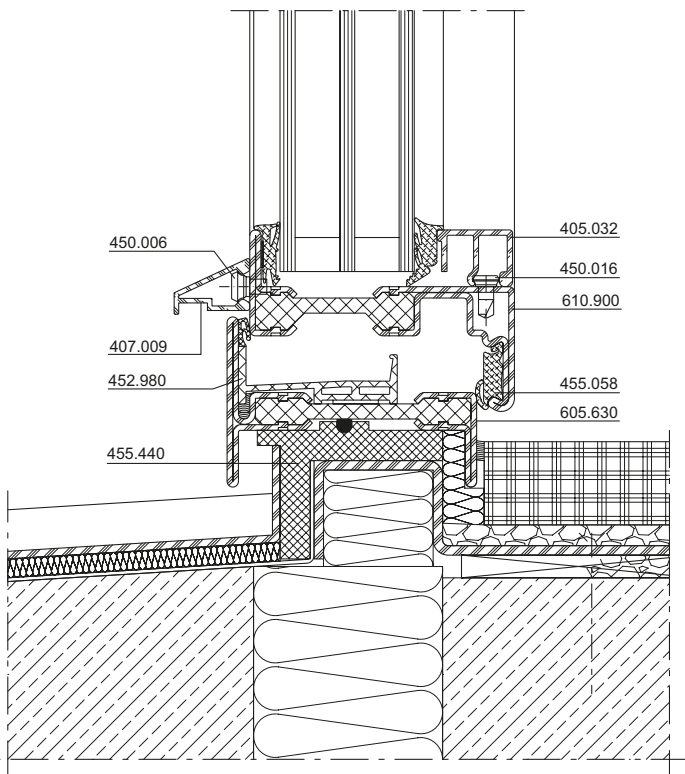
Anschlüsse am Bau im Massstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

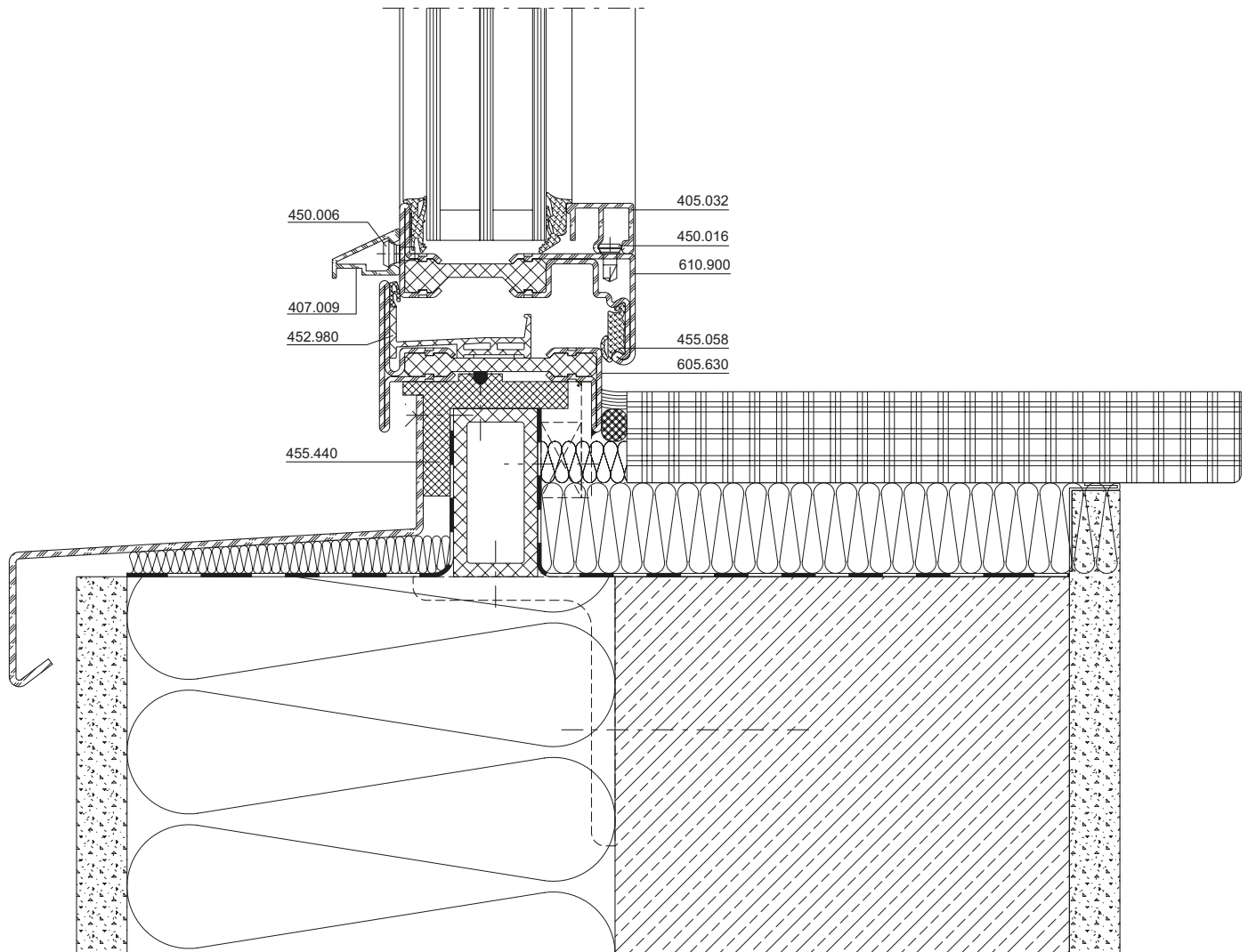


Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

DXF **DWG** 13-0108-A-006



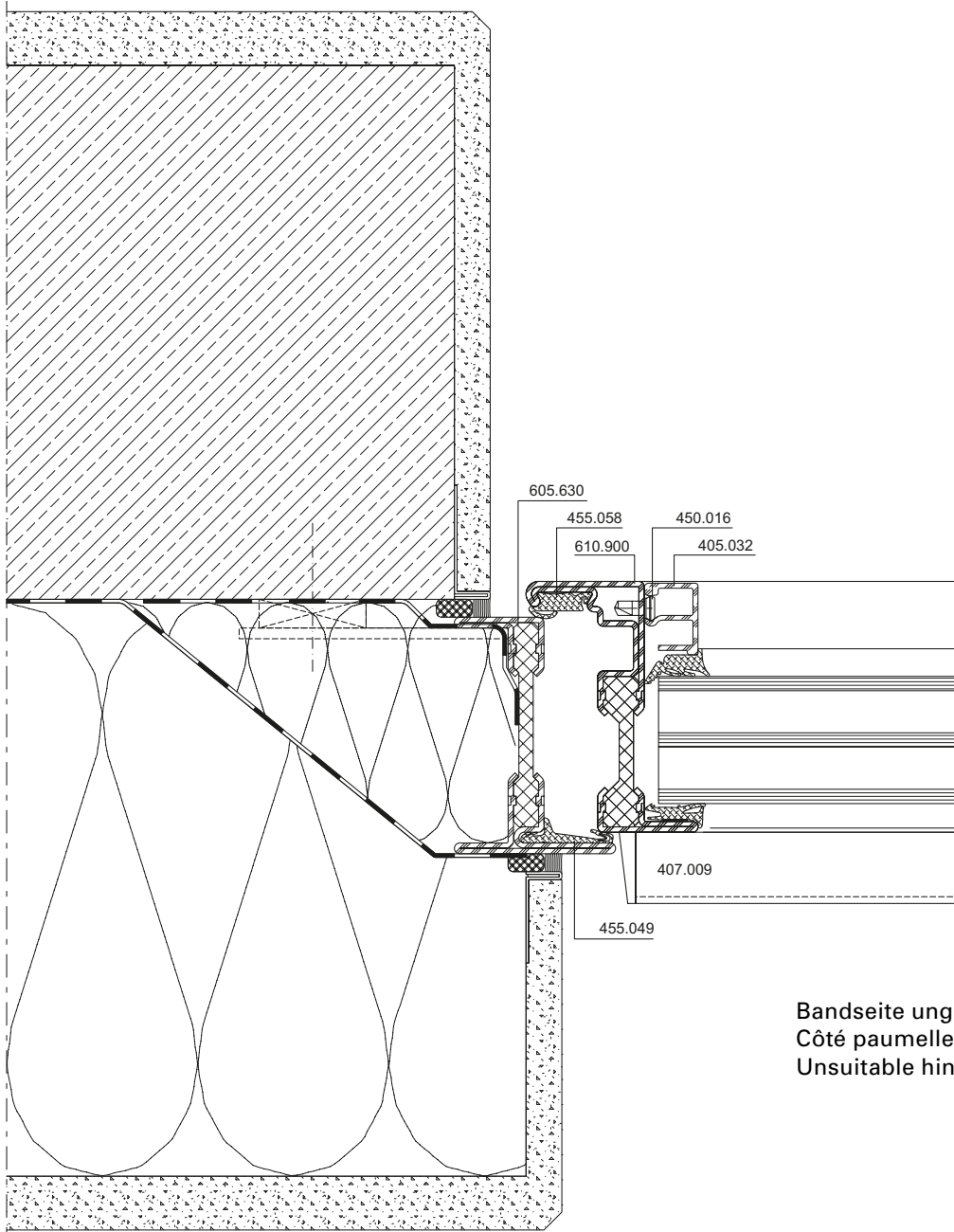
DXF **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

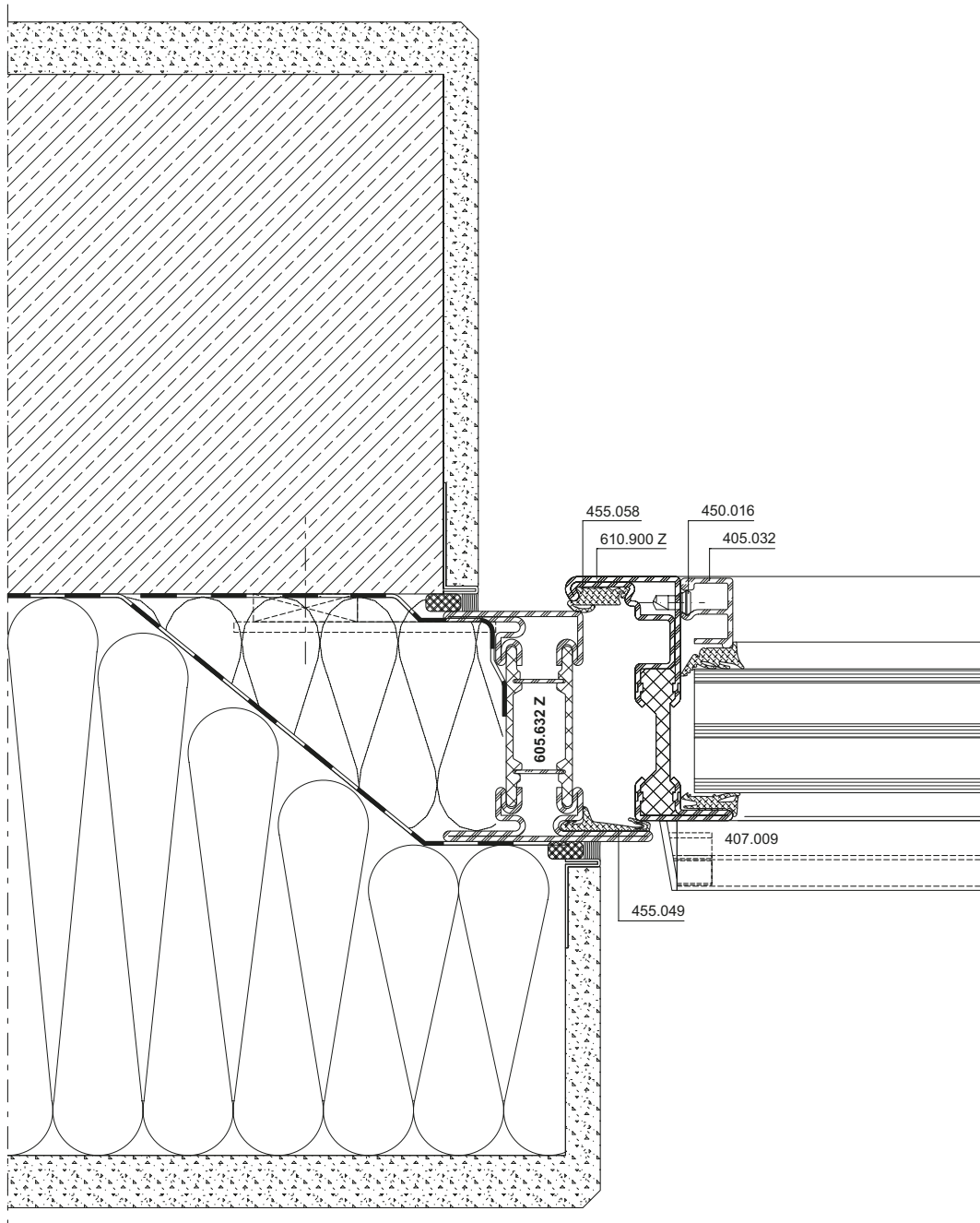
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

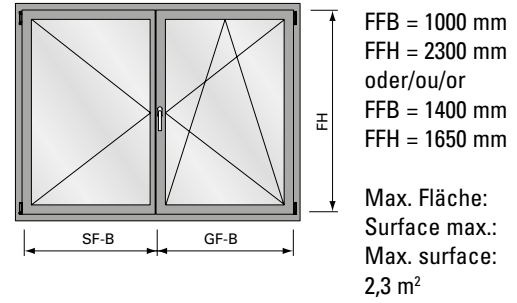
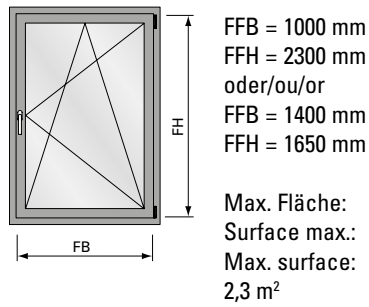
Caractéristiques de performances







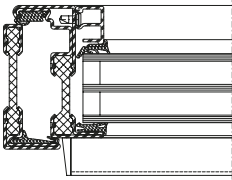
Performance values







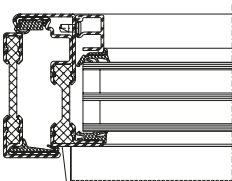
Schlagregendichtheit
 Luftdurchlässigkeit
 Widerstand bei Windlast

Étanchéité à la pluie battante
 Perméabilité à l'air
 Résistance à la pression du vent

Watertightness
 Air permeability
 Resistance to wind load



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

Leistungseigenschaften nach EN 14351-1
Caractéristiques de performance selon EN 14351-1
Performance characteristics according to EN 14351-1

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

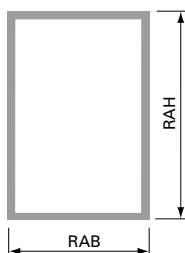
Étanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent




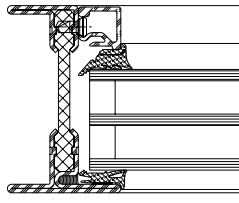
Watertightness
Air permeability
Resistance to wind load

Festverglasung

Vitrage fixe

Fixed glazing



	 EN 12208	 EN 12207	 EN 12210
RABxRAH 1230x1480 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

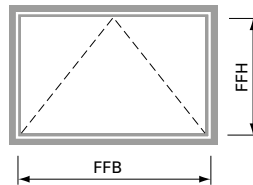
Etanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

Watertightness
Air permeability
Resistance to wind load

Kippfenster

Fenêtre à sofflet




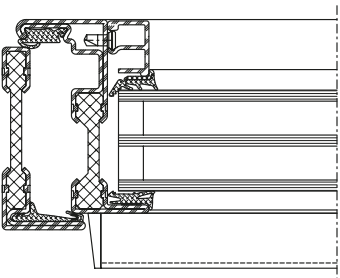
Bottom-hung window



FFB = 2300 mm
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes
 en fonction de l'écart de verrouillage
 depending on the distance between locking points

Max. Fläche:
 Surface max.:
 Max. surface:
 2,3 m²

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U_f-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U_f pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloses en aluminium
- Vitrage à mastic

U_f values
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U_f values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl
Zweifach-Isolierglas

Janisol Arte acier
Double verre isolant

Janisol Arte steel
Double insulating glazing

Janisol Arte Stahl
Dreifach-Isolierglas

Janisol Arte acier
Triple verre isolant

Janisol Arte steel
Triple insulating glazing

Janisol Arte Stahl
optimiert
Zweifach-Isolierglas

Janisol Arte acier
optimisé
Double verre isolant

Janisol Arte steel
optimised
Double insulating glazing

Janisol Arte Stahl
optimiert
Dreifach-Isolierglas

Janisol Arte acier
optimisé
Triple verre isolant

Janisol Arte steel
optimised
Triple insulating glazing

Janisol Arte Stahl
Zweifach-Isolierglas


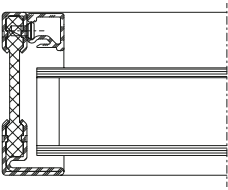
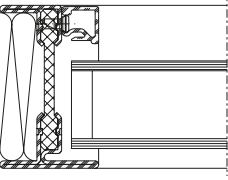
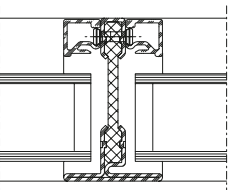
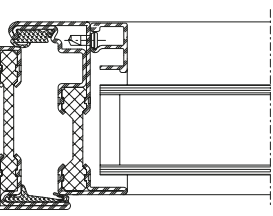
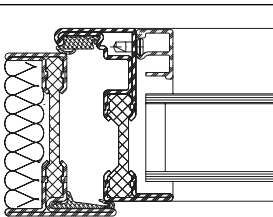
Festverglasungen und
 Fenster nach innen öffnend


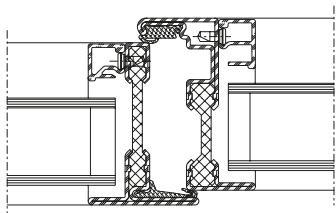
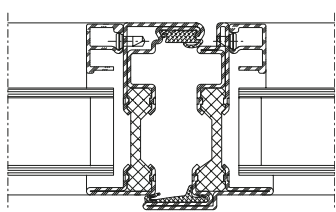
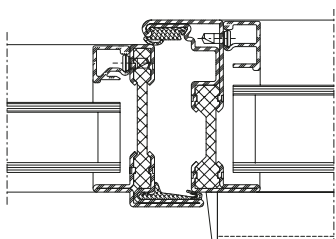
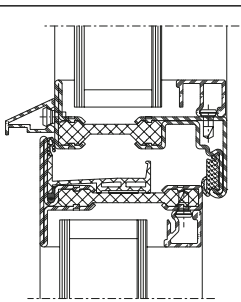
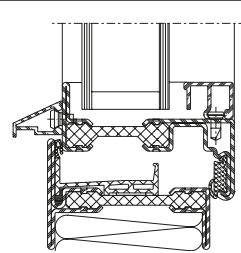
Janisol Arte acier
Double verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Double insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

Janisol Arte Stahl
Zweifach-Isolierglas

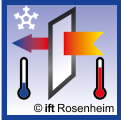
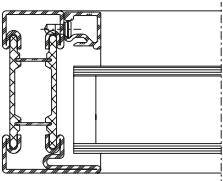
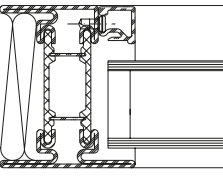
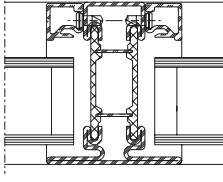
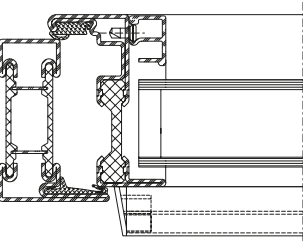
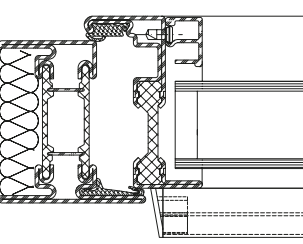
Festverglasungen und
 Fenster nach innen öffnend


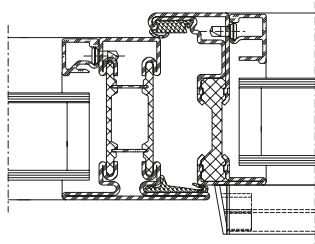
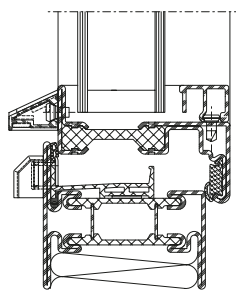
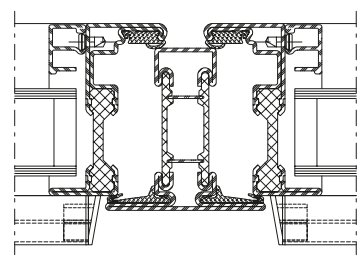
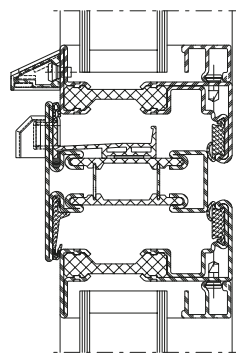
Janisol Arte acier
Double verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Double insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

Janisol Arte Stahl
Dreifach-Isolierglas

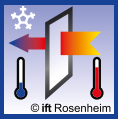
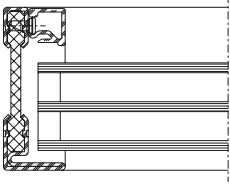
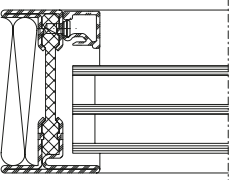
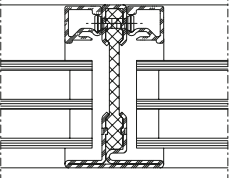
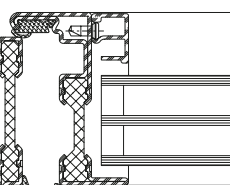
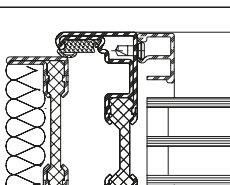
Festverglasungen und
 Fenster nach innen öffnend

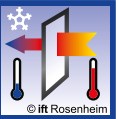
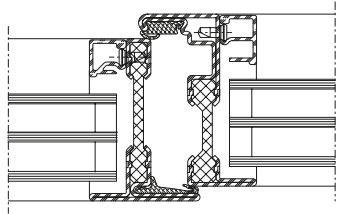
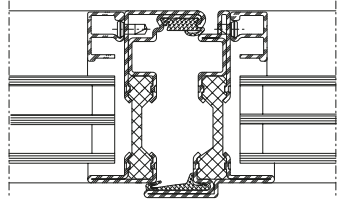
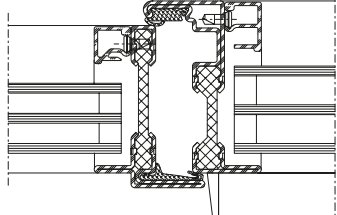
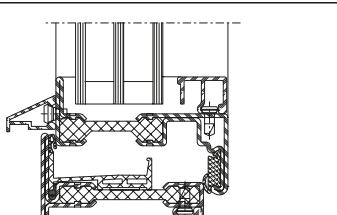
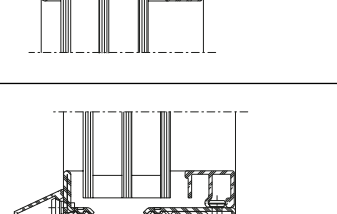
Janisol Arte acier
Triple verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Triple insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl
 Dreifach-Isolierglas**


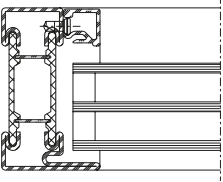
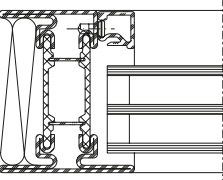
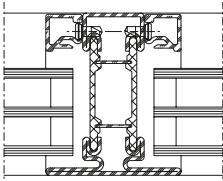
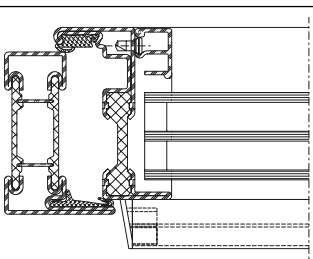
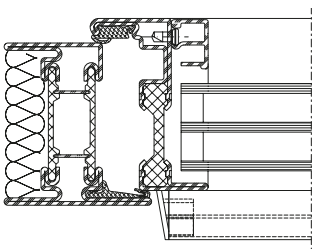
Festverglasungen und
 Fenster nach innen öffnend


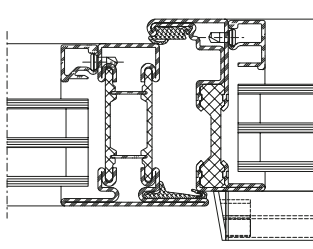
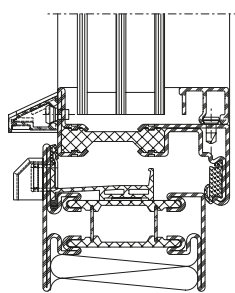
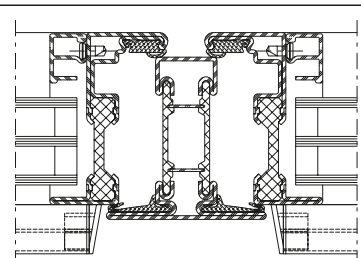
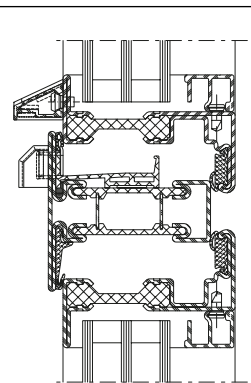
**Janisol Arte acier
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

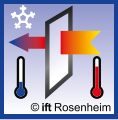
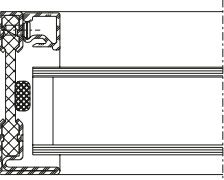
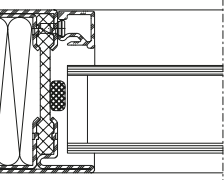
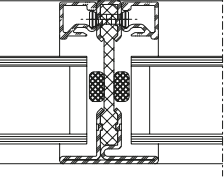
Festverglasungen und
 Fenster nach innen öffnend

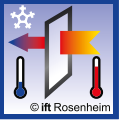
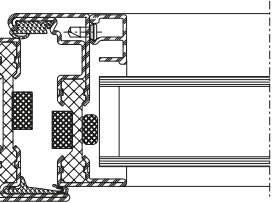
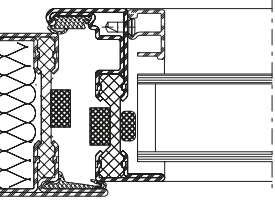
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m²K	X
	1,8 W/m²K	X
	2,1 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m²K	2,5 W/m²K
	2,7 W/m²K	2,2 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

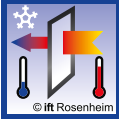
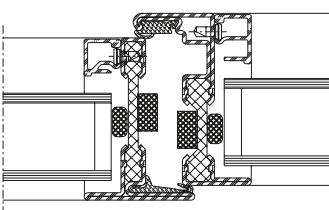
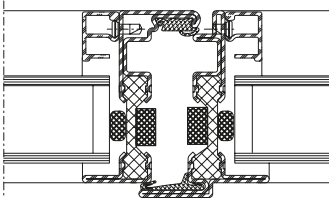
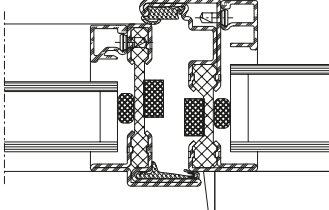
Festverglasungen und
 Fenster nach innen öffnend

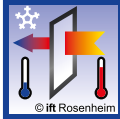
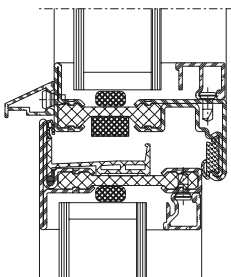
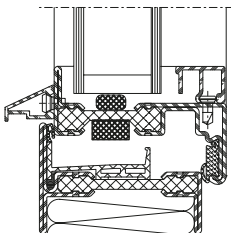
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,4 W/m²K
	3,0 W/m²K	2,5 W/m²K
	2,9 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,9 W/m²K	2,6 W/m²K
	2,6 W/m²K	2,4 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

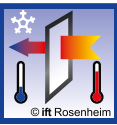
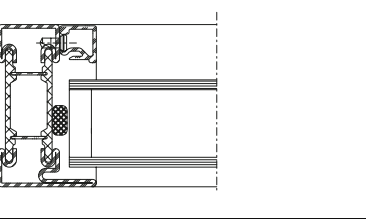
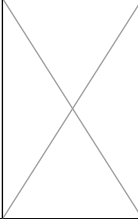
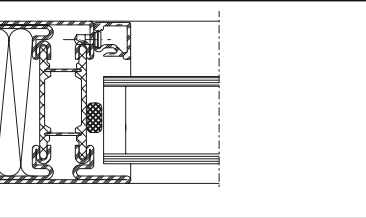
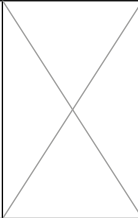
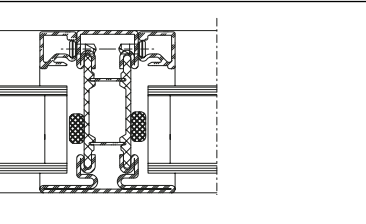
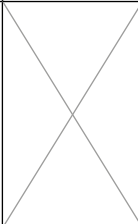
Festverglasungen und
 Fenster nach innen öffnend

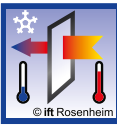
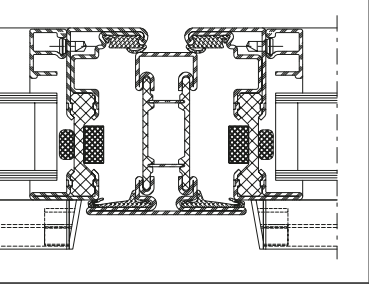
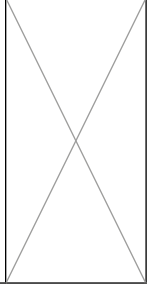
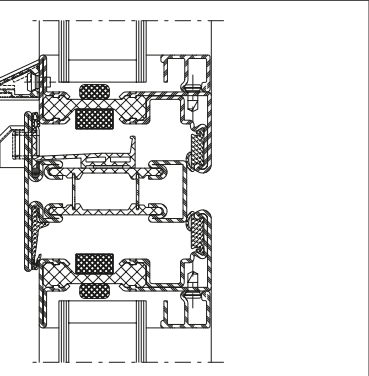
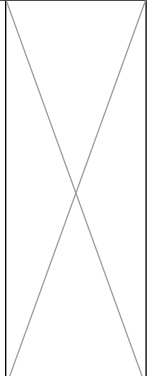
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	1,8 W/m²K	
	1,5 W/m²K	
	1,7 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,8 W/m²K	
	2,8 W/m²K	

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

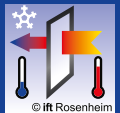
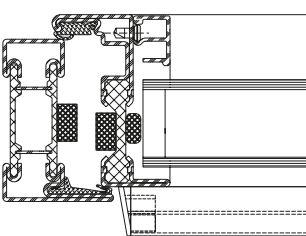
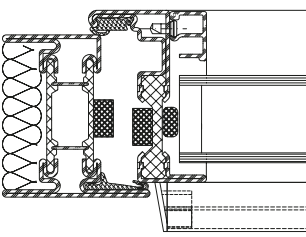
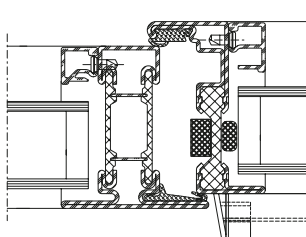
Festverglasungen und
 Fenster nach innen öffnend


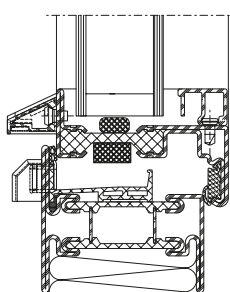
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

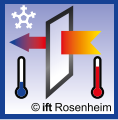
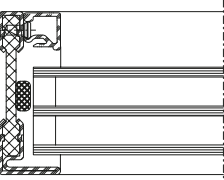
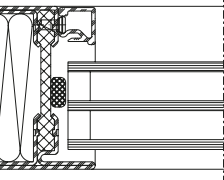
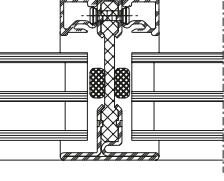
Festverglasungen und
 Fenster nach innen öffnend

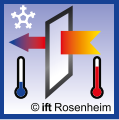
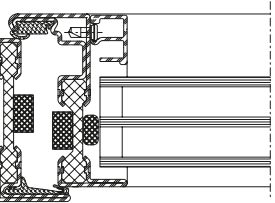
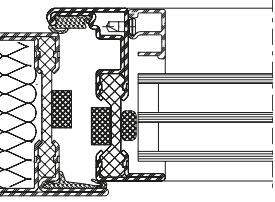
**Janisol Arte acier
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 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	
	1,6 W/m²K	
	1,6 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


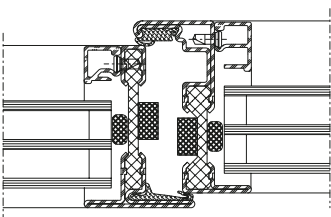
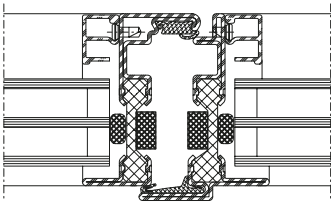
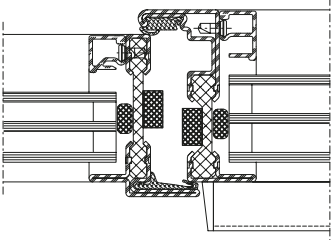
Festverglasungen und
 Fenster nach innen öffnend


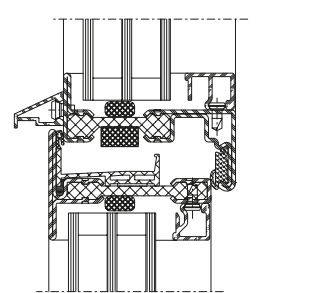
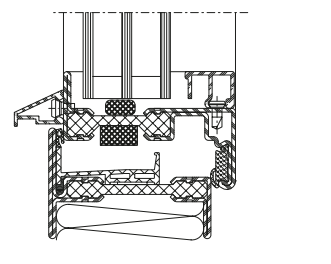
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	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


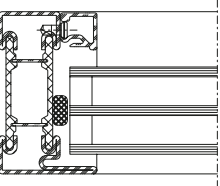
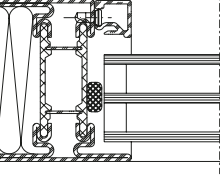
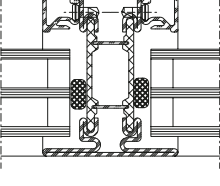
Festverglasungen und
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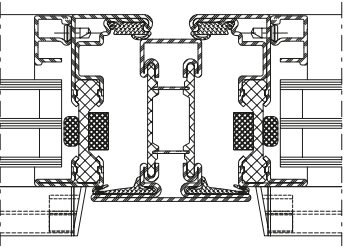
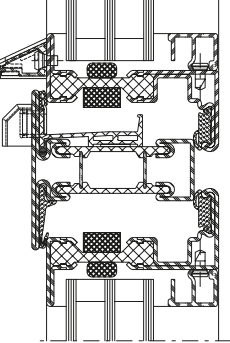
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	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


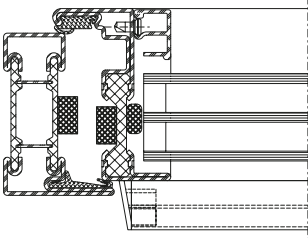
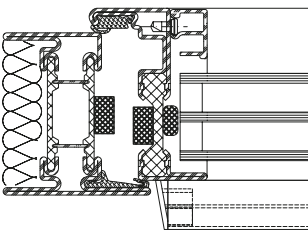
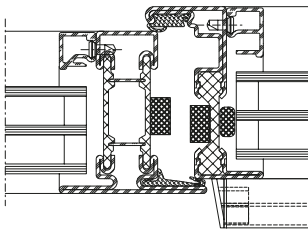
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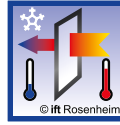
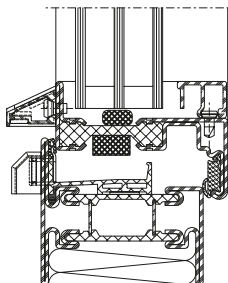
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	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



Schalldämmung

Isolation phonique

Sound insulation

Ausführungsvarianten

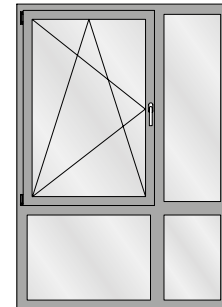
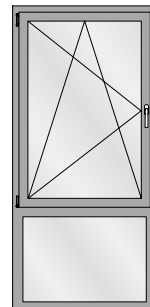
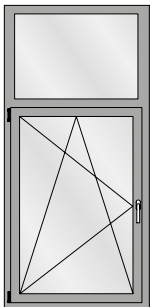
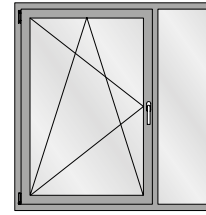
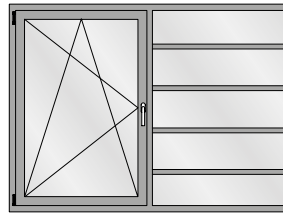
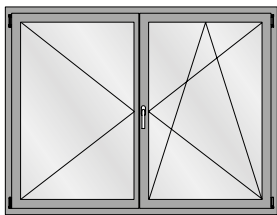
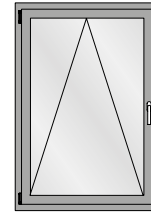
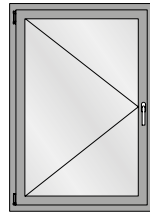
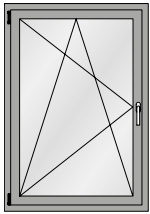
Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.

Modèles

L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.

Design range

The following overview of types provides an overview of the evaluated designs.



Tabelle

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

Tableau A1

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

Table A1

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	Fenster Fenêtre Window	Glas Verre Glass	Korrekturen Corrections Corrections							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	K_{FF} dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	

Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung $R_{W, Fenster}$ beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens $R_{W, Fenêtre}$ est la suivante:

The value taken from table A1 for the sound insulation $R_{W, Window}$ is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

K_{FF}	Korrekturwert für Festverglasungen	K_{FF}	Valeur de correction pour vitrages fixes	K_{FF}	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$.	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$.
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$

Grafische Planungsdaten wie z.B. Anwendungsbeispiele, Konstruktionsdetails, Anschlüsse am Bau, die in unseren physischen oder elektronischen Dokumentationsunterlagen enthalten sind, sind schematische Darstellungen. Gleiches gilt für digitale Medien wie CAD Dateien oder BIM Modelle.

Sie sollen den ausführenden Metallbauer und/oder Fachplaner bei der Planung und Ausführung eines Projektes unterstützen. Sie sind im konkreten Anwendungsfall durch den ausführenden Metallbauer und/oder Fachplaner auf die Verwendbarkeit im konkreten betroffenen Projekt hinsichtlich rechtlichen/regulatorischen aber auch technischen objektspezifischen Anforderungen zu überprüfen und ggfs. eigenverantwortlich anzupassen.

Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

Falls das vorliegende Dokument Differenzen zur aktuellen deutschen Version (Artikel Nr. K1214223) aufweist, gilt in jedem Fall der deutsche Originaltext in der jeweils geltenden Fassung im Jansen Docu Center.

Alle Ausführungen dieser Dokumentation haben wir sorgfältig und nach bestem Wissen zusammengestellt. Wir können aber keine Verantwortung für die Benutzung der vermittelten Vorschläge und Daten übernehmen. Wir behalten uns technische Änderungen ohne Vorankündigung vor.

Les données de planification graphiques, comme les exemples d'application, détails de construction et raccordements au bâtiment, fournies dans notre documentation physique et numérique sont des représentations schématiques. Il en va de même pour les médias numériques comme les fichiers CAD ou modèles BIM.

Leur but est de faciliter la planification et réalisation d'un projet par les constructeurs métalliques et/ou concepteurs. Concrètement, elles doivent être vérifiées par le constructeur métallique et/ou le concepteur et, le cas échéant, modifiées de son propre chef pour s'assurer qu'elles concordent avec le projet concerné et qu'elles répondent aux exigences techniques spécifiques ainsi qu'aux dispositions légales et réglementaires.

Lors de la vérification, de la planification spécifique et de la mise en œuvre, il y a lieu de tenir compte des conditions spécifiques à l'objet (matériaux du bâtiment, dimension de l'élément d'insert, couleur, exposition, effet de charge, etc.) ainsi que de l'état actuel de la technique, y compris toutes les normes et directives techniques applicables.

En cas de divergence entre le présent document et la version allemande (no d'article K1214223), c'est dans tous les cas le texte original allemand qui prévaut dans sa version actuelle disponible dans le Jansen Docu Center.

Nous avons apporté le plus grand soin à l'élaboration de cette documentation. Cependant, nous déclinons toute responsabilité pour l'utilisation faite de nos propositions et de nos données.

Nous nous réservons le droit de procéder à des modifications techniques sans préavis.

Graphical planning data such as application examples, construction details, connections on site that are contained in our physical or electronic documentation components are schematic representations. The same applies to digital media such as CAD files or BIM models.

They are intended to support the metal worker and/or design engineer in planning and executing projects. In the specific case of application they are to be checked by the metal worker and/or design engineer in terms of their usability in the specific project concerned with regard to legal/regulatory and technical property-specific requirements and adjusted if necessary at the latter's own responsibility.

The property-specific underlying conditions (construction material, dimensions of installation element, colour, exposure, load effect etc.) and current state of the art including all applicable norms and technical guidelines are to be taken into consideration at the metal worker and/or design engineer's own responsibility during the review, specific planning and implementation.

If there are any differences between this document and the current German version (item number K1214223), the latest version of the original German text in the Jansen Docu Center shall prevail.

All the information contained in this documentation is given to the best of our knowledge and ability. However, we decline all responsibility for the use made of these suggestions and data.

We reserve the right to effect technical modifications without prior warning.

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Sommaire		Janisol Arte 66	
Content		Janisol Arte 66	

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Leistungseigenschaften	Caractéristiques de performance	Performance characteristics	
Typenübersicht	Sommaire des types	Summary of types	

Profilsortiment	Assortiment de profilé	Range of profiles	8
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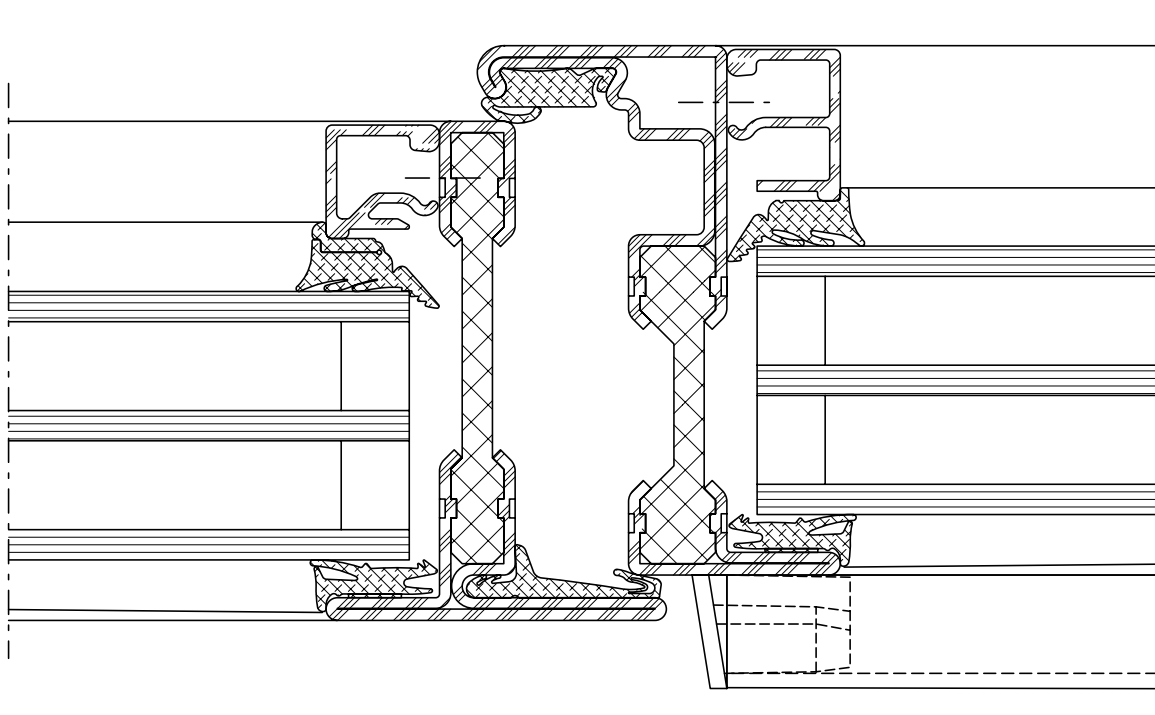
Beispiele	Exemples	Examples	14
Schnittpunkte	Coupes de détails	Section details	
Konstruktionsdetails	Détails de construction	Construction details	
Anschlüsse am Bau	Raccords au mur	Attachment to structure	

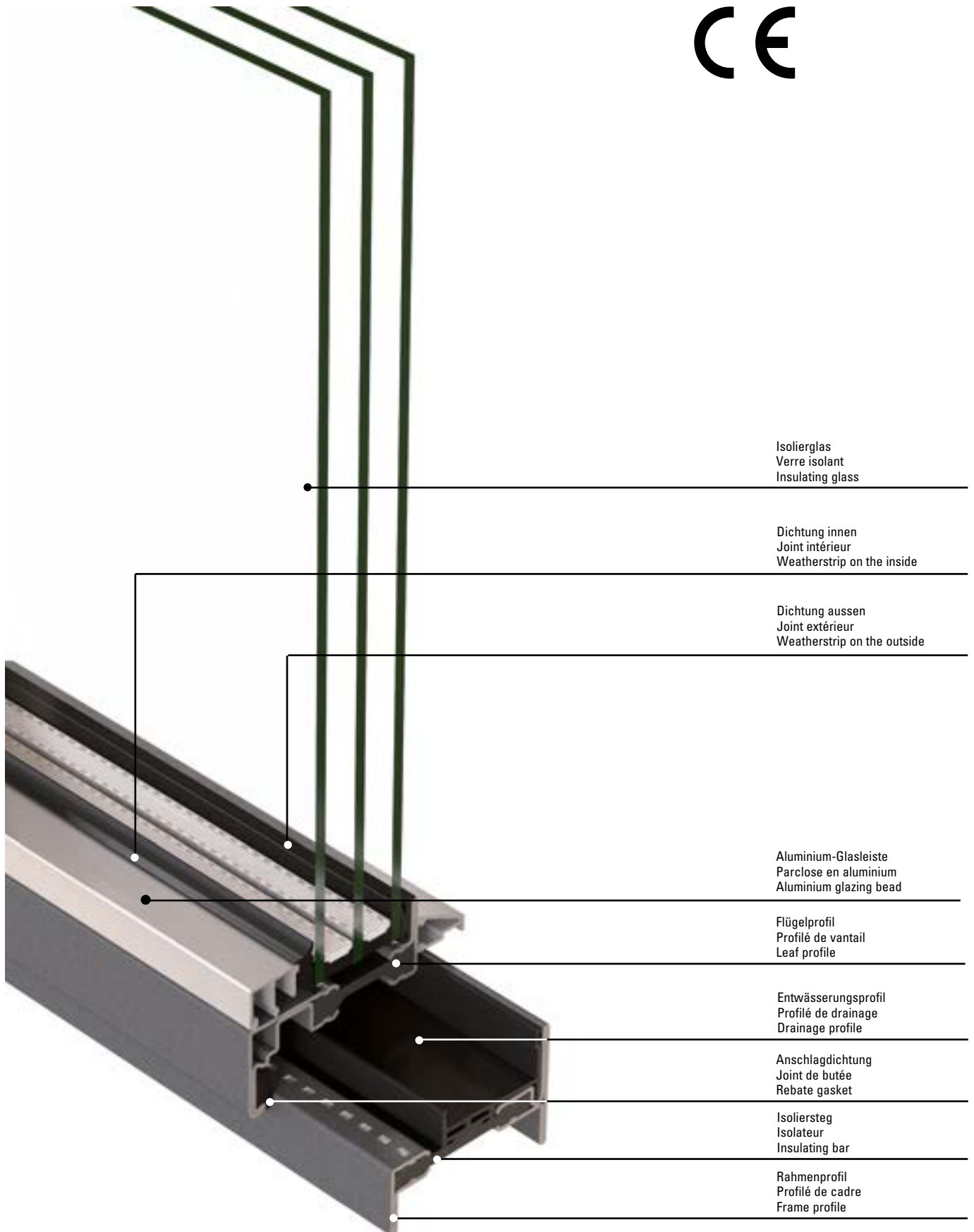
Leistungseigenschaften	Caractéristiques de performance	Performance characteristics	32
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Merkmale
Caractéristiques
Characteristics

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

- Wärme gedämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten:
Fenster sprossen 40 mm
Rahmen inkl. Flügel ab 53 mm
Stulp parte 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippenfenster und Kippenfenster nach innen öffnend
- Dreh- und Drekippen-Fensterflügel bis 2300 mm Höhe
- Flügelgewichte bis 180 kg
- Füllelementstärken von 15 bis 44 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 und DIN 18056 geprüft
- Geeignet für Pulver- und Nasslackbeschichtungen
- Oberfläche ZF 100 für ein optimiertes Schweißverhalten
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60/66 mm, vantail de fenêtre 70 mm
- Fines largeurs de face:
Meneau de fenêtre 40 mm
Cadre avec vantail à partir de 53 mm
Partie tête 76 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux et fenêtres à soufflet à ouverture vers l'intérieur
- Vantaux à la française et oscillo-battants jusqu'à 2300 mm hauteur
- Poids de vantail jusqu'à 180 kg
- Éléments de remplissage de 15 à 44 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024 et DIN 18056
- Convient aux revêtements par poudre ou peinture liquide
- Surface ZF 100 pour un comportement au soudage optimisé
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60/66 mm, window vent 70 mm
- Narrow face widths:
Window sash bars 40 mm
Frame including vent from 53 mm
Double vent assembly 76 mm
- Single and double-vent side-hung and turn/tilt windows and bottom-hung windows, inward-opening
- Side-hung and turn/tilt window vents up to 2300 mm height
- Vent weights up to 180 kg
- Infill unit thicknesses from 15 to 44 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024 and DIN 18056
- Suitable for powder and wet paint coating
- ZF 100 surface finish for optimised welding characteristics





Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung / Wert Classification / Valeur Classification / Value										
 EN 12210	Widerstandsfähigkeit bei Windlast Résistance à la pression du vent Resistance to wind load	npd	C1 (400)	C2 (800)	C3 (1200)	C4 (1600)	C5 (2000)					
 EN 12208	Schlagregendichtheit Étanchéité à la pluie battante Watertightness	npd	1A (0)	2A (50)	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>750)
 EN ISO 10140	Schalldämmung R_w (C , C_{tr}) (dB) Isolation phonique R_w (C , C_{tr}) (dB) Sound insulation R_w (C , C_{tr}) (dB)	npd	bis R_w 47 dB (-2; -7) jusqu'à R_w 47 dB (-2; -7) up to R_w 47 dB (-2; -7)									
 EN ISO 10077-2	Wärmedurchgangskoeffizient U_f (W/(m ² ·K)) Transmission thermique U_f (W/(m ² ·K)) Thermal production U_f (W/(m ² ·K))	npd	ab 1,6 W/m ² ·K à partir de 1,6 W/m ² ·K from 1,6 W/m ² ·K									
 EN 12207	Luftdurchlässigkeit Perméabilité à l'air Air permeability	npd	1 (150)	2 (300)	3 (600)	4 (600)						
 EN 14351-1	Tragfähigkeit von Sicherheitsvorrichtungen Capacité portante des dispositifs de sécurité Load-bearing capacity of safety devices	npd	Anforderung erfüllt Exigence remplie Requirement satisfied									
 EN 13115	Mechanische Festigkeit Résistance mécanique Mechanical strength	npd	1	2	3	4						
 EN 13115	Bedienkräfte Forces de manœuvre Operating forces	npd	0	1	2							
 EN 13049	Stoßfestigkeit Résistance aux chocs Impact resistance	npd	1	2	3	4	5					
 EN 14024	Metallprofile mit thermischer Trennung Profils en métal. avec rupture de pont thermique Metal profiles with thermal barrier	CW / TC2 / A										
 DIN 18008-4	Vorgefertigte absturzsichernde Verglasung Vitrage anti-chutes préfabriqué Prefabricated glazing suitable for safety barrier loading	Anhang D.1.2 erfüllt Annexe D.1.2 satisfaite Appendix D.1.2 fulfilled										

npd = keine Leistung festgestellt
(no performance determined)

npd = aucune performance
déterminée
(no performance determined)

npd = no performance determined

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The items «Article library/Door fittings/Window fittings» means that you download the entire article library for the corresponding system with one click (profiles, fittings, glazing beads, accessories etc.).

Information and advice

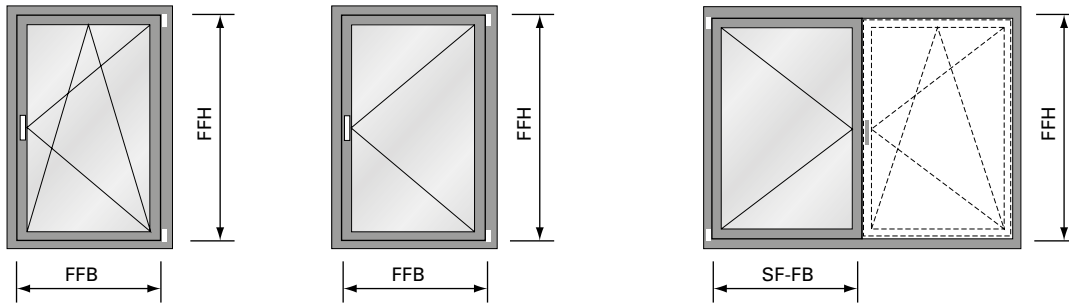
We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: info@jansen.com

Technische Daten**Caractéristiques techniques****Technical data**

Janisol Arte 66

Janisol Arte 66

Janisol Arte 66

*Flügelgrößen**Drehkipp-, Drehfenster und Stulpfenster:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. Gewicht:	180 kg
FFB/FFH:	≤ 2
max. Fläche:	2,3 m ²

*Grandeurs du vantail**fenêtre oscillo-battante, à la française et fenêtré à deux vantaux:*

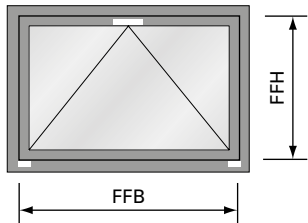
Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m ²

*Size of vents**turn/tilt, side-hung and double-vent windows:*

Max.	FFH = 2300 mm
	FFB = 1400 mm
Min.	FFH = 470 mm
	FFB = 480 mm

Max. weight:	180 kg
FFB/FFH:	≤ 2
max. surface:	2,3 m ²

*Flügelgröße**Kipp-Fenster:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Max. Gewicht:	80 kg
---------------	-------

*Grandeur du vantail**fenêtré à soufflet:*

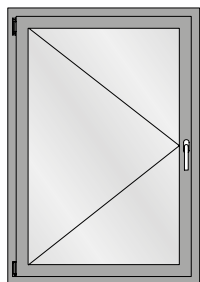
Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

Poids max.:	80 kg
-------------	-------

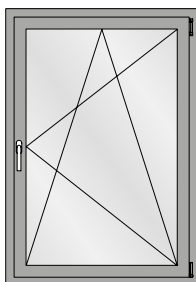
*Size of vent**bottom-hung window:*

Max.	FFH = 2300 mm
	FFB = 2300 mm
Min.	FFH = 600 mm
	FFB = 445 mm

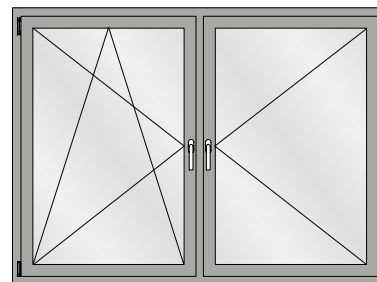
Max. weight:	80 kg
--------------	-------



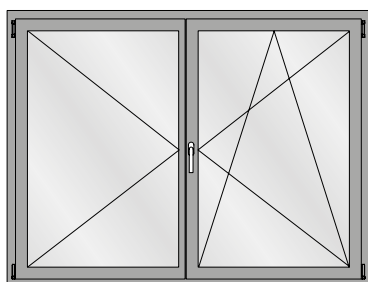
Drehflügel
Fenêtre à la française
Side-hung window



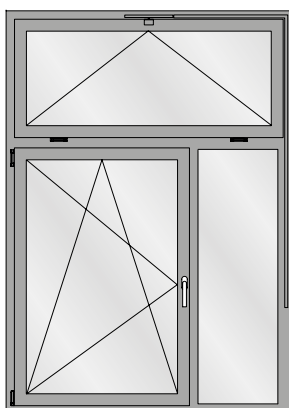
Drehkipp-Flügel
Vantail oscillo-battant
Turn/tilt window



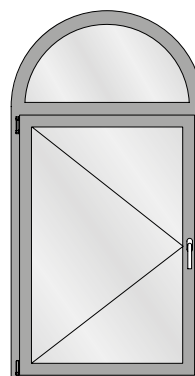
Drehkipp/Drehflügel (mit Pfosten)
Vantail oscillo-battant/fenêtre à la française
(avec montant)
Side-hung/turn/tilt window (with mullion)



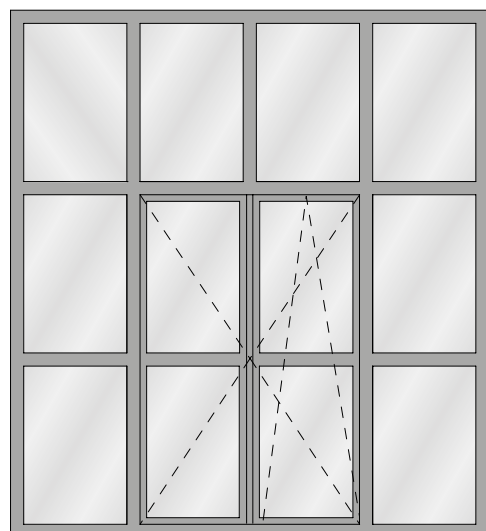
Stulpfenster
Fenêtre à deux vantaux
Double leaf window



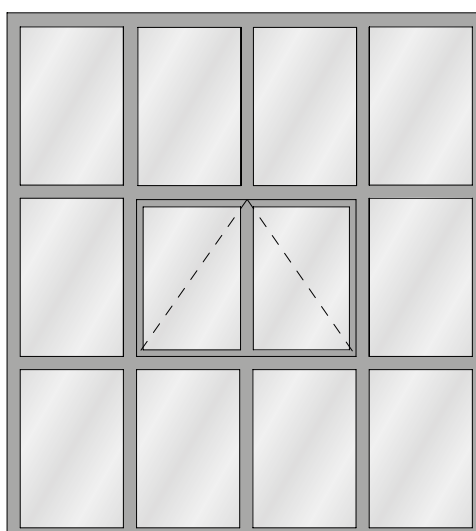
Fenster Drehkipp mit Oberlicht
Vantail oscillo-battant avec imposte
Window, turn/tilt with top light



Einflügeliges Fenster mit Rundbogen-Oberlicht
Fenêtre à la française avec imposte demi-rond
Side hung window with round arched top light



Drehkipp-Flügel mit Festverglasung
Vantail oscillo-battant avec vitrage fixe et imposte
Turn/tilt window with fixed lights and top lights



Kippfenster
Fenêtre à soufflet
Bottom-hung window

Profilübersicht

Sommaire des profilés

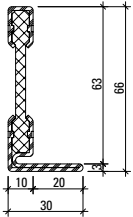
Summary of profiles

Janisol Arte 66

Janisol Arte 66

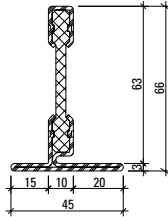
Janisol Arte 66

**Profile mit Lappen 20 mm
(Rahmen Drehkipp-Fenster)**

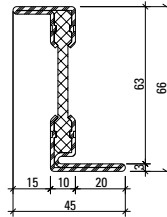


601.630 Z
601.630.09

**Profilés avec battue 20 mm
(cadre fenêtre oscillo-battante)**

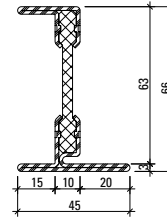


602.630 Z
602.630.09

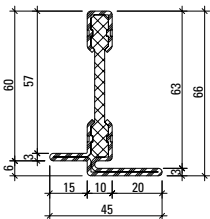


603.630 Z
603.630.09

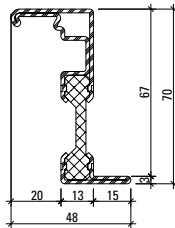
**Profiles with lips, 20 mm
(turn/tilt window frame)**



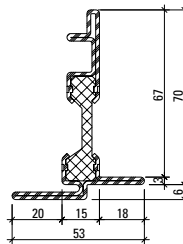
605.630 Z
605.630.09



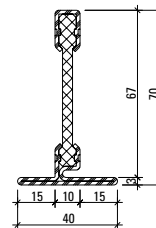
602.631 Z
602.631.09



610.900 Z
610.900.09

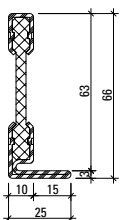


610.901 Z
610.901.09



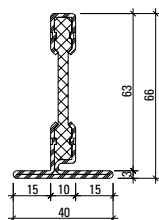
602.611.7 Z
602.611.79

**Profile mit Lappen 15 mm
(Festverglasungen)**

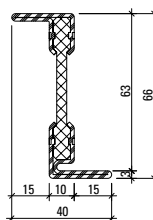


601.612 Z

**Profilés avec battue 15 mm
(Vitrages fixes)**

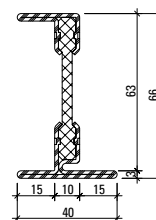


602.613 Z



603.612 Z
603.612.01
603.612.09

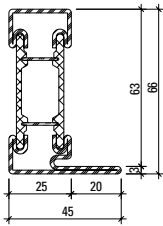
**Profiles with lips 15 mm
(Fixed glazings)**



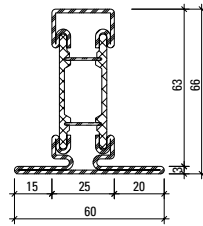
605.612 Z

Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.630 Z	2,276	9,63	2,12	1,37	0,65	0,214
602.630 Z	2,615	10,65	2,20	2,42	1,02	0,243
603.630 Z	2,619	14,84	3,93	2,42	1,02	0,243
605.630 Z	2,958	16,83	4,05	3,19	1,24	0,272
602.631 Z	2,609	10,11	2,14	2,41	1,01	0,242
602.611.7 Z	2,353	11,85	2,35	1,68	0,84	0,241

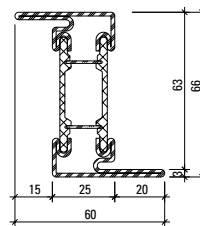
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.612 Z	2,159	9,23	2,12	0,83	0,48	0,204
602.613 Z	2,497	10,41	2,20	1,71	0,85	0,233
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234
605.612 Z	2,840	16,21	4,02	2,35	1,07	0,262
610.900 Z	3,048					0,272
610.901 Z	3,410					0,298



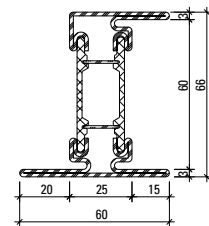
601.632 Z



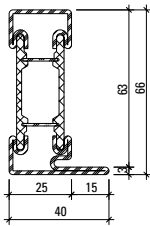
602.632 Z



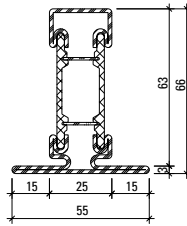
603.632 Z



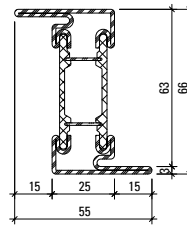
605.632 Z



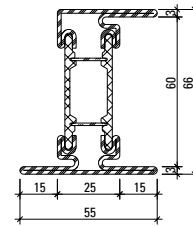
601.645 Z



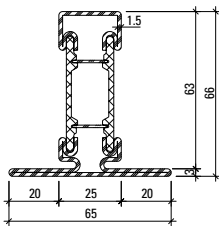
602.645 Z



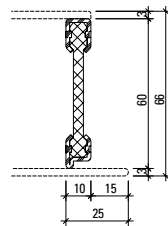
603.645 Z



605.645 Z



602.633 Z



600.612 Z

Oberfläche/Werkstoff

Artikel-Nr.

mit Z = bandverzinkter Stahl

Werkstoff 1.4401 (AISI 316)

mit 01 = blank

mit 03 = geschliffen, Korn 220-240

Werkstoff

mit x9 = Stahl KB DOCOL 355W (Corten)

Edelstahl geschliffen auf Anfrage

Surface/Matériau

No. d'article

avec Z = bande d'acier zinguée

Matériau 1.4401 (AISI 316)

avec 01 = brut

avec 03 = polies, grain 220-240

Matériau

avec x9 = acier KB DOCOL 355W (Corten)

Acier Inox polie sur demande

Surface/Material

Part no.

with Z = strip galvanised steel

Material 1.4401 (AISI 316)

with 01 = bright

with 03 = polished, grain 220-240

Material

with x9 = steel KB DOCOL 355W (Corten)

Stainless steel polished on request

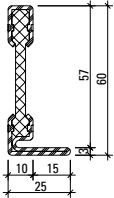
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.632 Z	3,217	16,98	4,21	4,70	1,67	0,249
601.645 Z	3,100	16,29	4,16	3,70	1,52	0,239
602.632 Z	3,701	19,13	4,34	7,15	2,28	0,290
602.645 Z	3,584	18,63	4,31	5,88	2,14	0,280
603.632 Z	3,700	22,63	6,61	7,16	2,28	0,290

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
603.645 Z	3,583	21,56	6,53	5,88	2,14	0,280
605.632 Z	4,184	26,12	6,83	9,02	2,68	0,331
605.645 Z	4,067	25,31	6,78	7,54	2,53	0,321
602.633 Z	3,819	19,58	4,37	8,53	2,62	0,300
600.612 Z	1,292	4,39	1,44	0,14	0,26	0,150

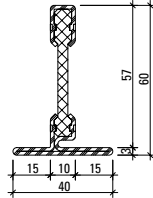
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profilés Janisol Arte 2.0
(Lappen 15 mm)

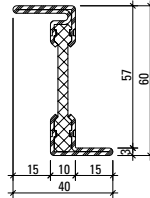
Profiles Janisol Arte 2.0
(Lappen 15 mm)



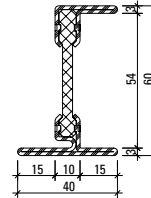
601.611 Z
601.611.01
601.611.09



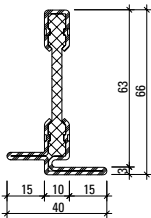
602.611 Z
602.611.01
602.611.09



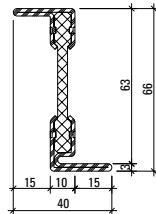
603.611 Z
603.611.01
603.611.09



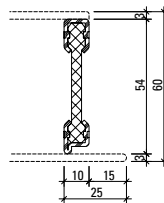
605.611 Z
605.611.01
605.611.09



602.612 Z
602.612.01
602.612.09



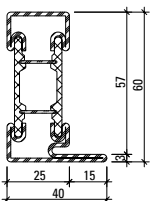
603.612 Z
603.612.01
603.612.09



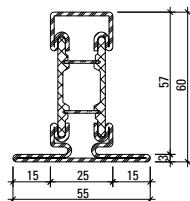
600.609 Z

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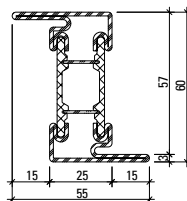
DXF **DWG**



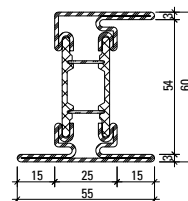
601.615 Z
601.615.09



602.615 Z
602.615.01
602.615.09



603.615 Z
603.615.09



605.615 Z
605.615.09

Stirnseitige Kennzeichnung
 Edelstahl (01) = Blau
 Corten (09) = Grün

Marquage en face avant
 Acier inox (01) = Bleu
 Corten (09) = Vert

Labelling on the front
 Stainless steel (01) = Blue
 Corten (09) = Green

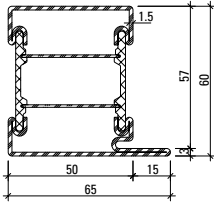
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.611 Z	1,930	7,31	1,85	0,78	0,46	0,192
602.611 Z	2,269	11,85	2,35	1,68	0,84	0,241
603.611 Z	2,273	11,13	3,47	1,68	0,84	0,222
605.611 Z	2,612	13,04	3,60	2,31	1,05	0,251
602.612 Z	2,491	9,75	2,11	1,71	0,85	0,232
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
600.609 Z	1,242	3,39	1,23	0,14	0,26	0,138
601.615 Z	3,020	12,93	3,64	3,70	1,52	0,227
602.615 Z	3,516	14,85	3,79	5,88	2,14	0,268
603.615 Z	3,515	17,23	5,74	5,88	2,14	0,268
605.615 Z	3,999	20,27	5,97	7,53	2,53	0,309

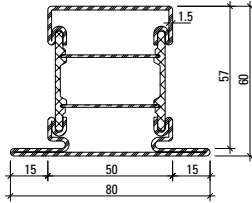
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profils Janisol Arte 2.0
(Lappen 15 mm)

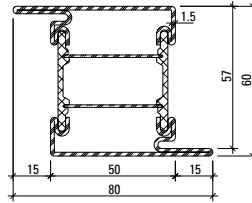
Profiles Janisol Arte 2.0
(Lappen 15 mm)



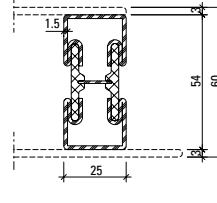
601.616 Z



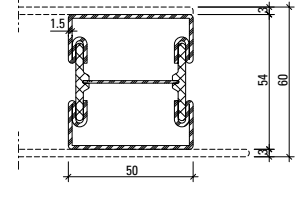
602.616 Z



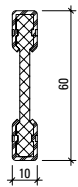
603.616 Z



600.008 Z



600.007 Z



600.610 Z

Oberfläche/Werkstoff	
Artikel-Nr.	
mit Z	= bandverzinkter Stahl
Werkstoff 1.4401 (AISI 316)	
mit 01	= blank
mit 03	= geschliffen, Korn 220-240
Werkstoff	
mit 09	= Stahl KB DOCOL 355W (Corten)
Edelstahl geschliffen auf Anfrage	

Surface/Matériau	
No. d'article	
avec Z	= bande d'acier zinguée
Matériau 1.4401 (AISI 316)	
avec 01	= brut
avec 03	= polies, grain 220-240
Matériau	
avec 09	= acier KB DOCOL 355W (Corten)
Acier Inox polie sur demande	

Surface/Material	
Part no.	
with Z	= strip galvanised steel
Material 1.4401 (AISI 316)	
with 01	= bright
with 03	= polished, grain 220-240
Material	
with 09	= steel KB DOCOL 355W (Corten)
Stainless steel polished on request	

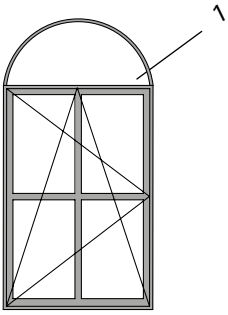
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.616 Z	3,746	17,89	5,20	16,30	4,60	0,295
602.616 Z	4,239	20,08	5,33	22,41	5,60	0,318
603.616 Z	4,219	22,02	7,34	22,38	5,59	0,318
600.610 Z	1,532	4,94	1,65	0,18	0,36	0,151
600.008 Z	2,826	8,12	2,82	2,57	5,06	0,170
600.007 Z	3,429	12,46	4,33	13,50	5,40	0,220

**Gewichte für
 Edelstahlprofile
 Poids pour profilés
 en acier Inox
 Weights for
 stainless steel profiles**

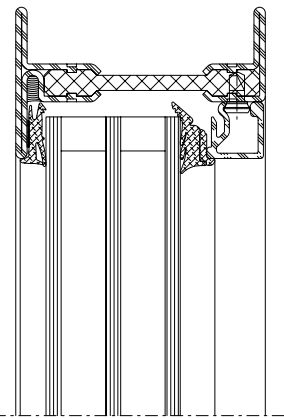
601.611.01	= 1,964 kg/m
602.611.01	= 2,311 kg/m
603.611.01	= 2,316 kg/m
605.611.01	= 2,663 kg/m
602.612.01	= 2,536 kg/m
603.612.01	= 2,548 kg/m
602.615.01	= 3,517 kg/m

Bogenfenster
Fenêtres cintrées
Arched windows

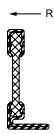
Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66



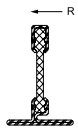
1.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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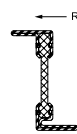


601.612 Z	450 mm
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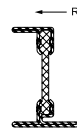


602.613 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.612 Z	450 mm
603.612.09	450 mm



605.612 Z	450 mm
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Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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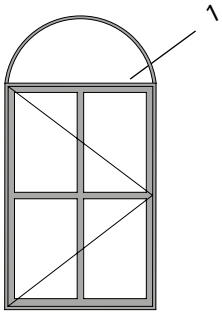
62.510 Z	300 mm
62.511 Z	300 mm
62.512 Z	300 mm



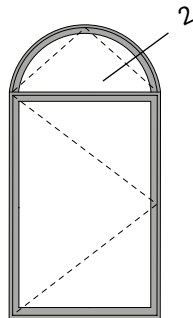
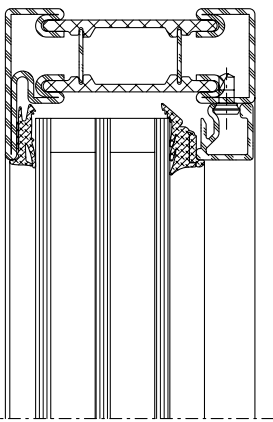
402.190 Z	300 mm
402.191 Z	300 mm
402.192 Z	300 mm



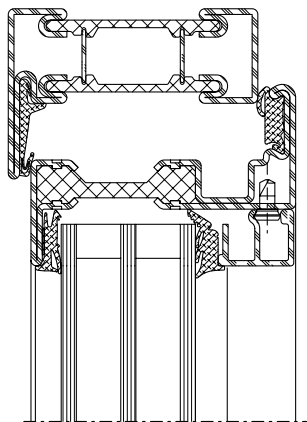
402.990	300 mm
402.991	300 mm
402.992	300 mm



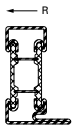
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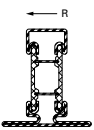
2.0



Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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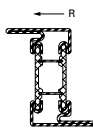


601.632 Z	600 mm
601.645 Z	600 mm

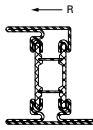


602.632 Z	600 mm
602.645 Z	600 mm
602.633 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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603.632 Z	700 mm
603.645 Z	700 mm



605.632 Z	600 mm
605.645 Z	600 mm

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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405.030	440 mm
405.031	440 mm
405.032	440 mm
405.033	440 mm

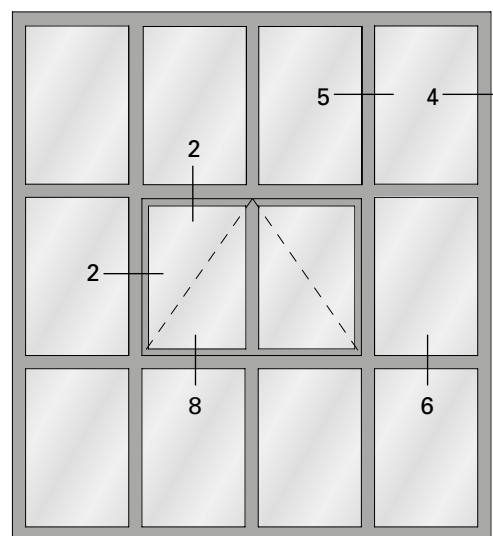
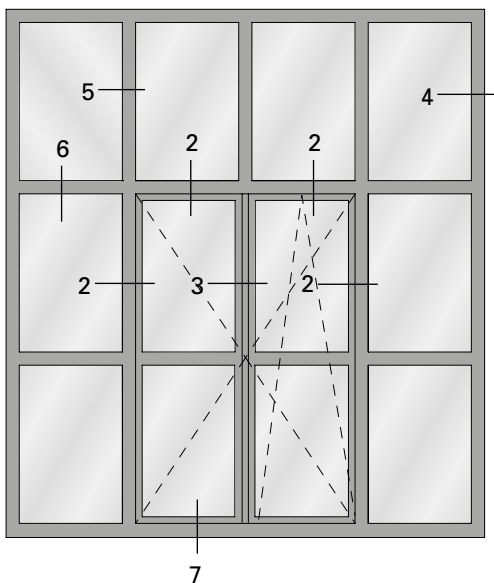
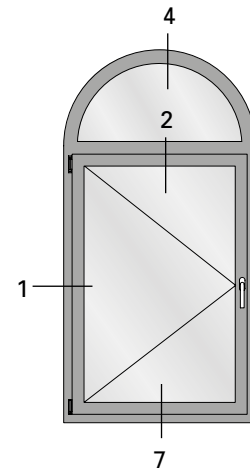
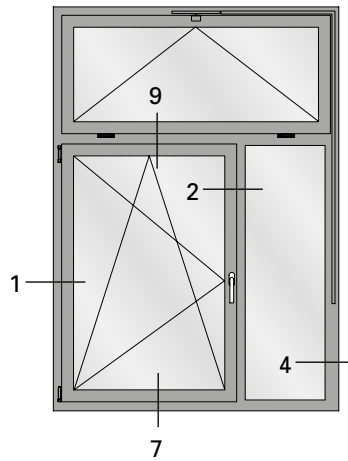
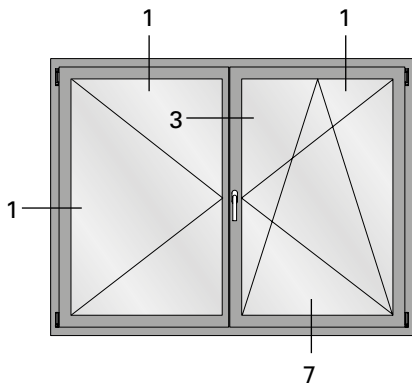
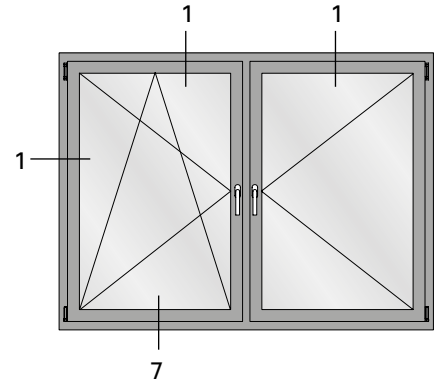
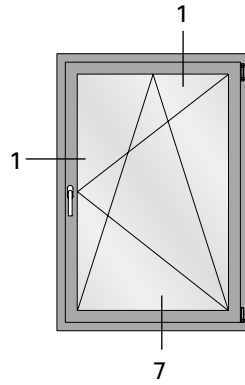
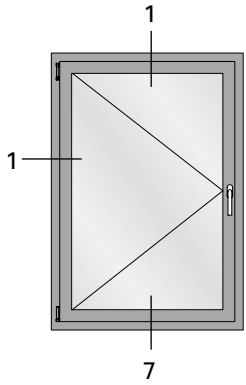
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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406.930	300 mm
406.931	300 mm
406.932	300 mm

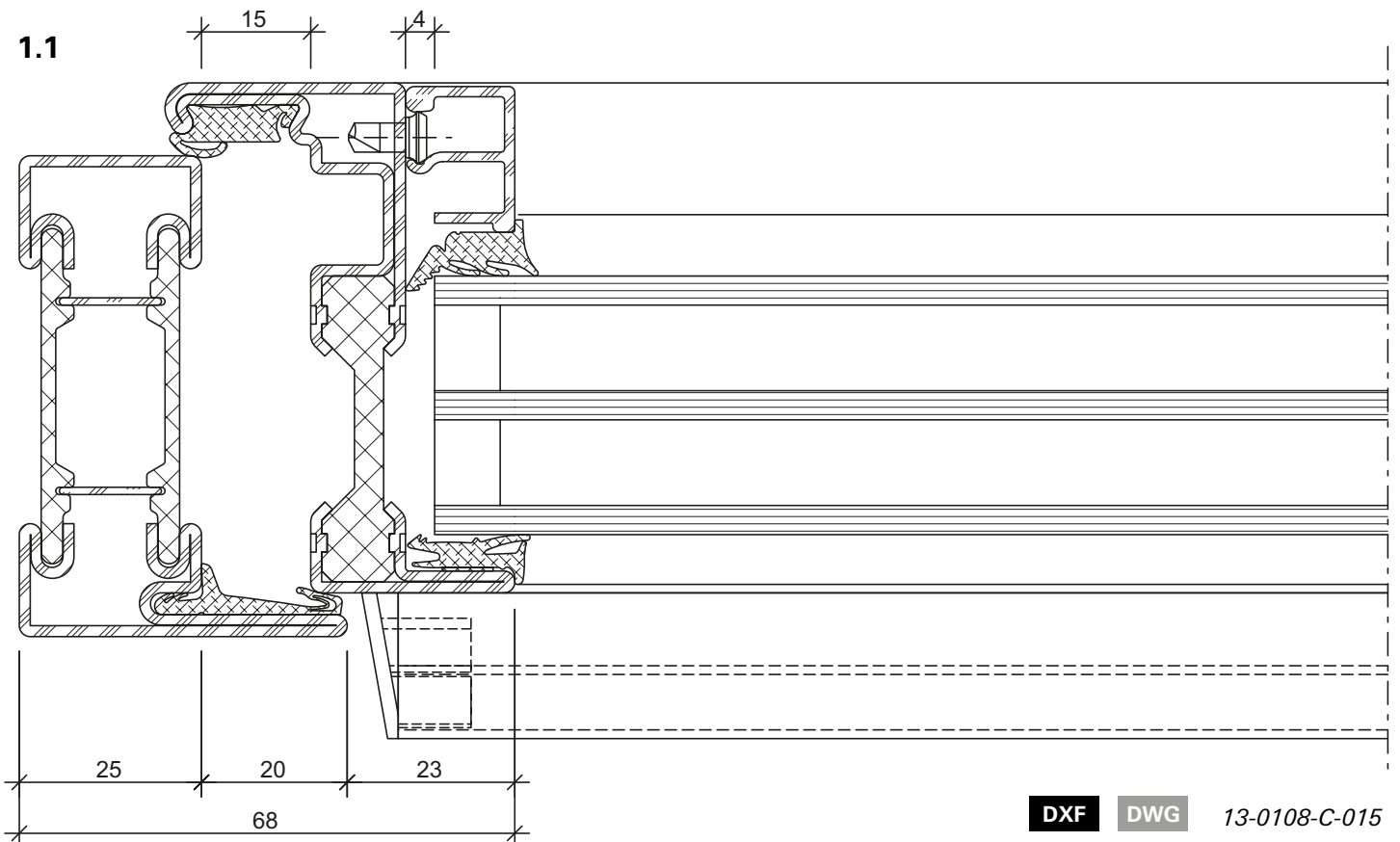
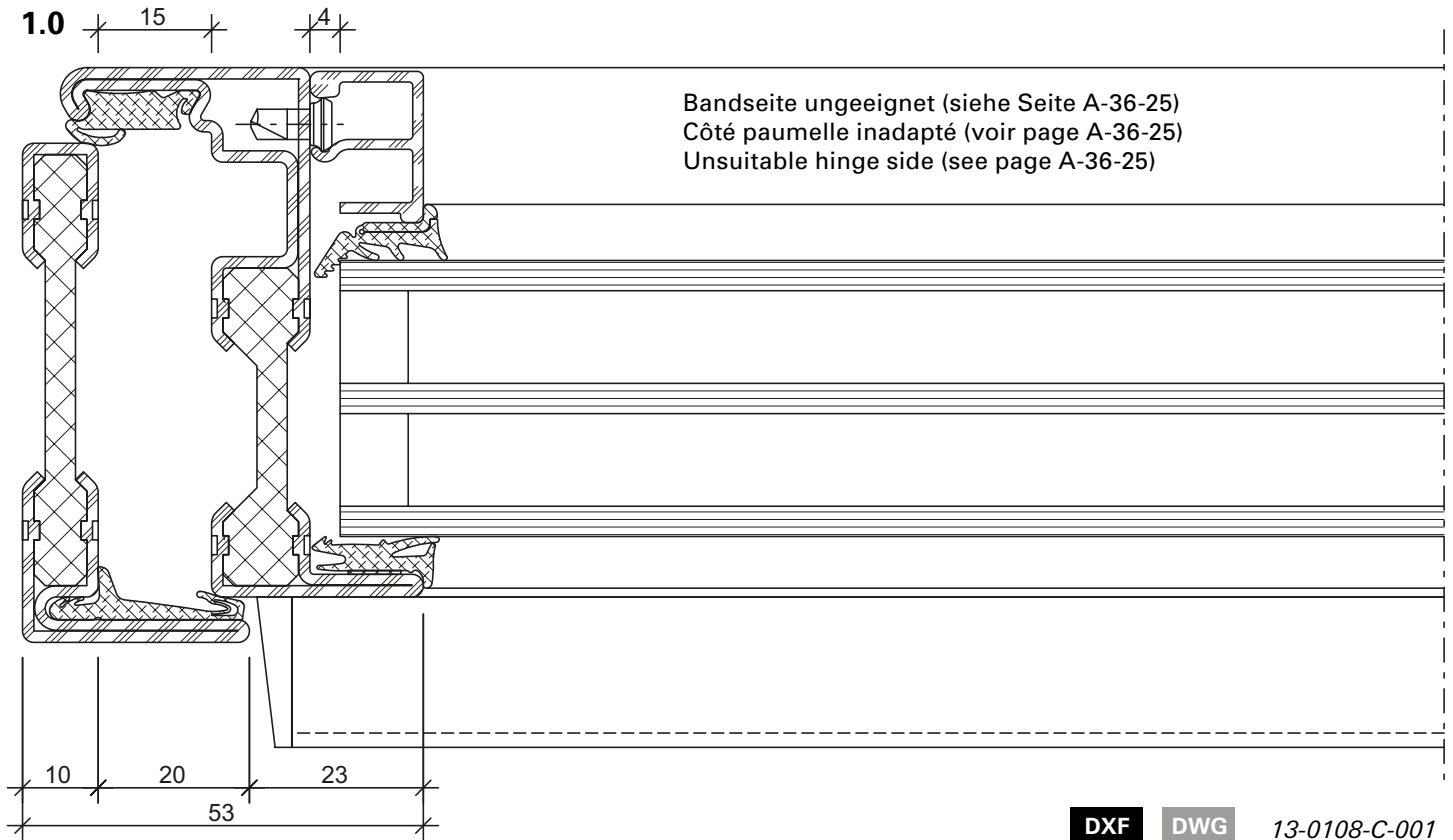
Schnittpunkte nach innen öffnend
Coupe de détails ouvrant vers l'intérieur
Section details opening inwards

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66



Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

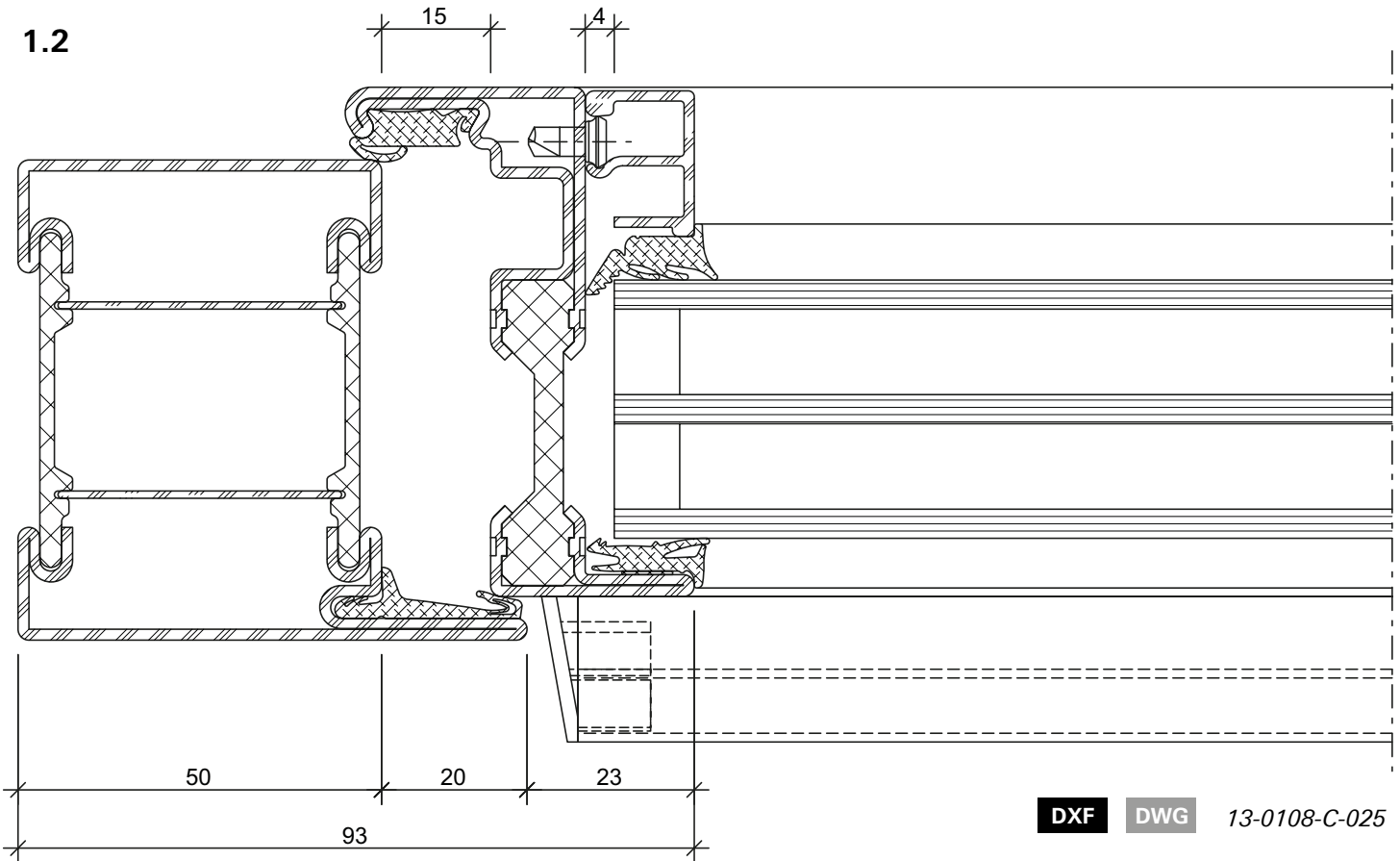
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



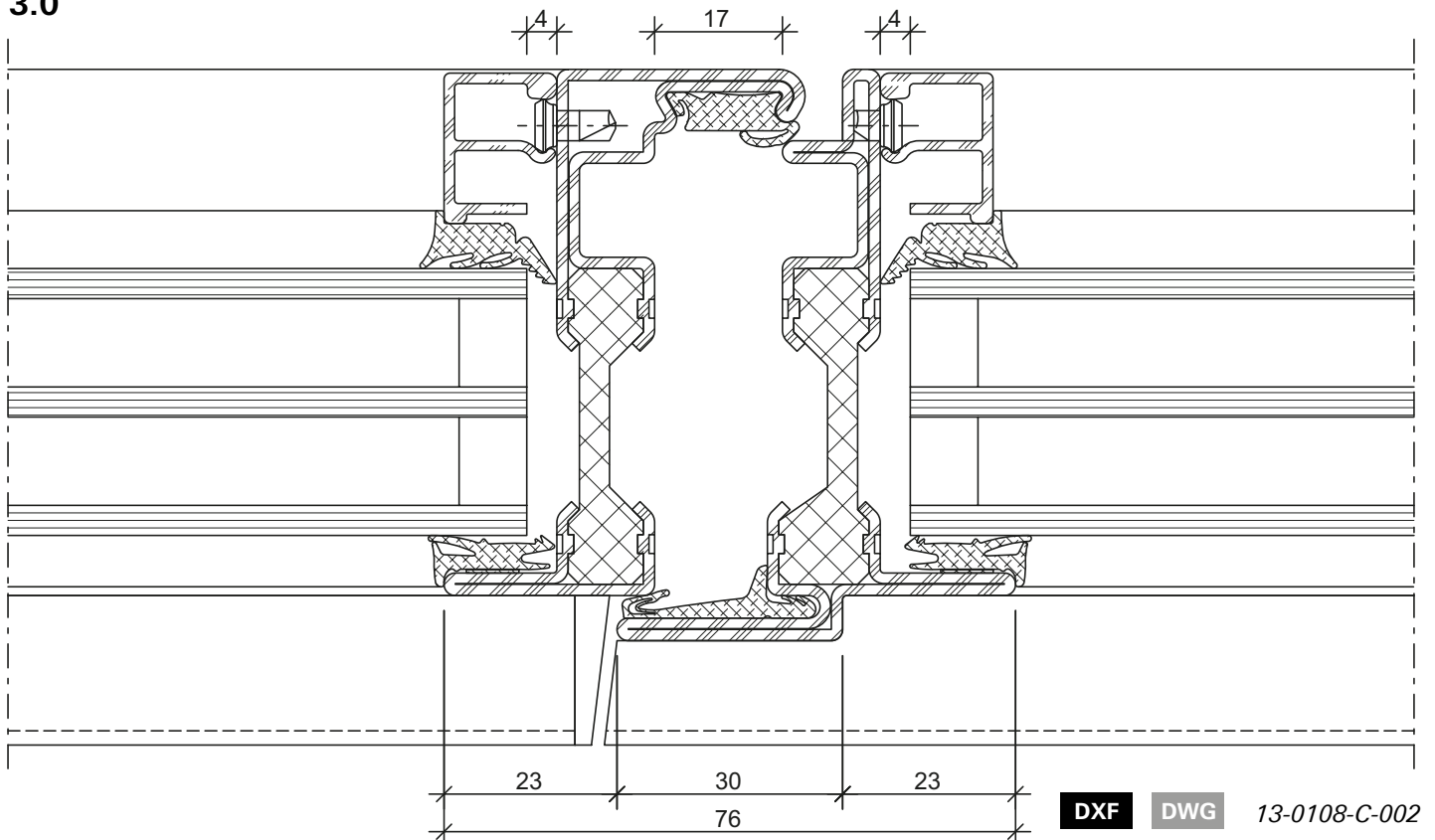
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

1.2



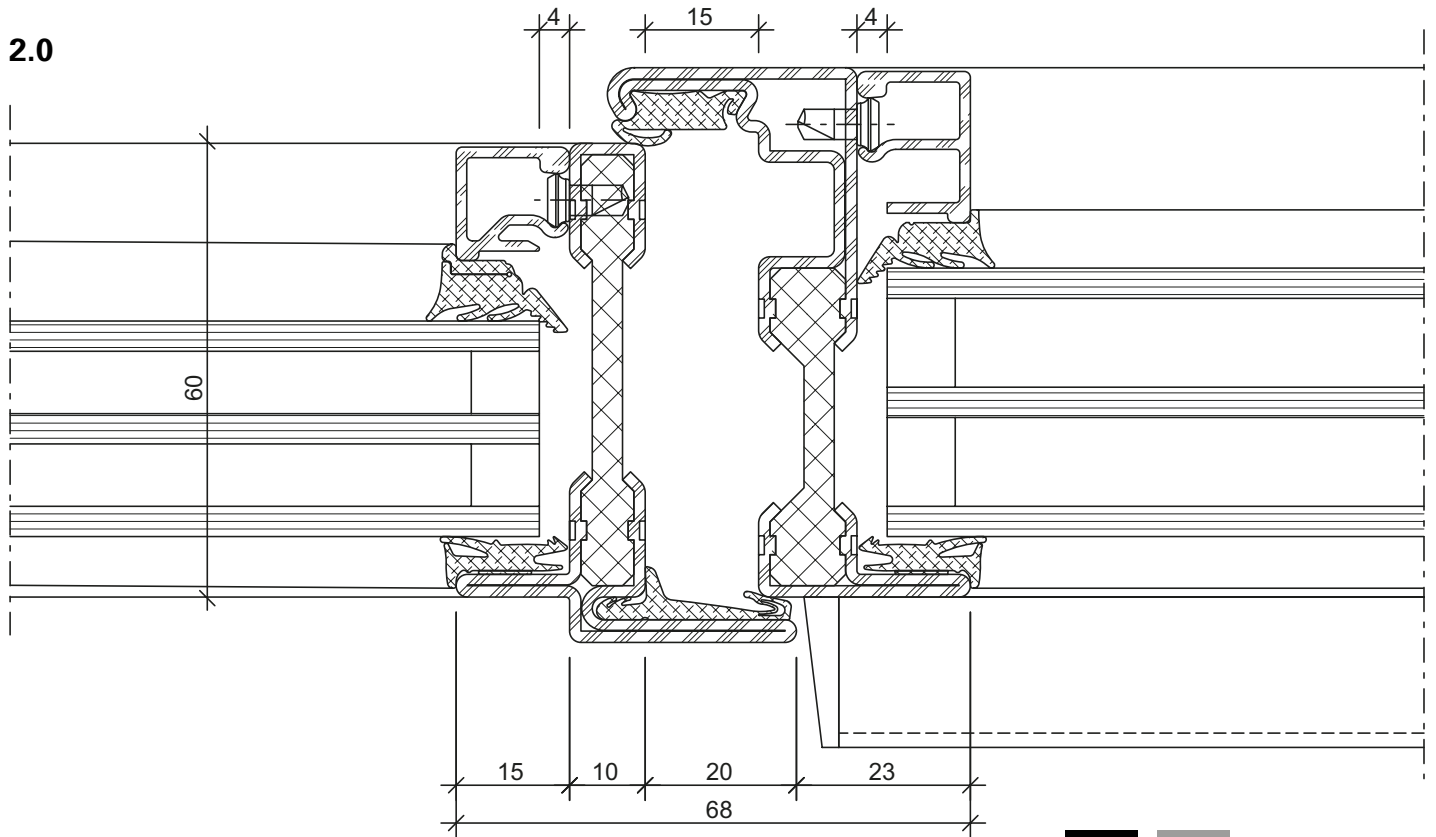
3.0



Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

2.0

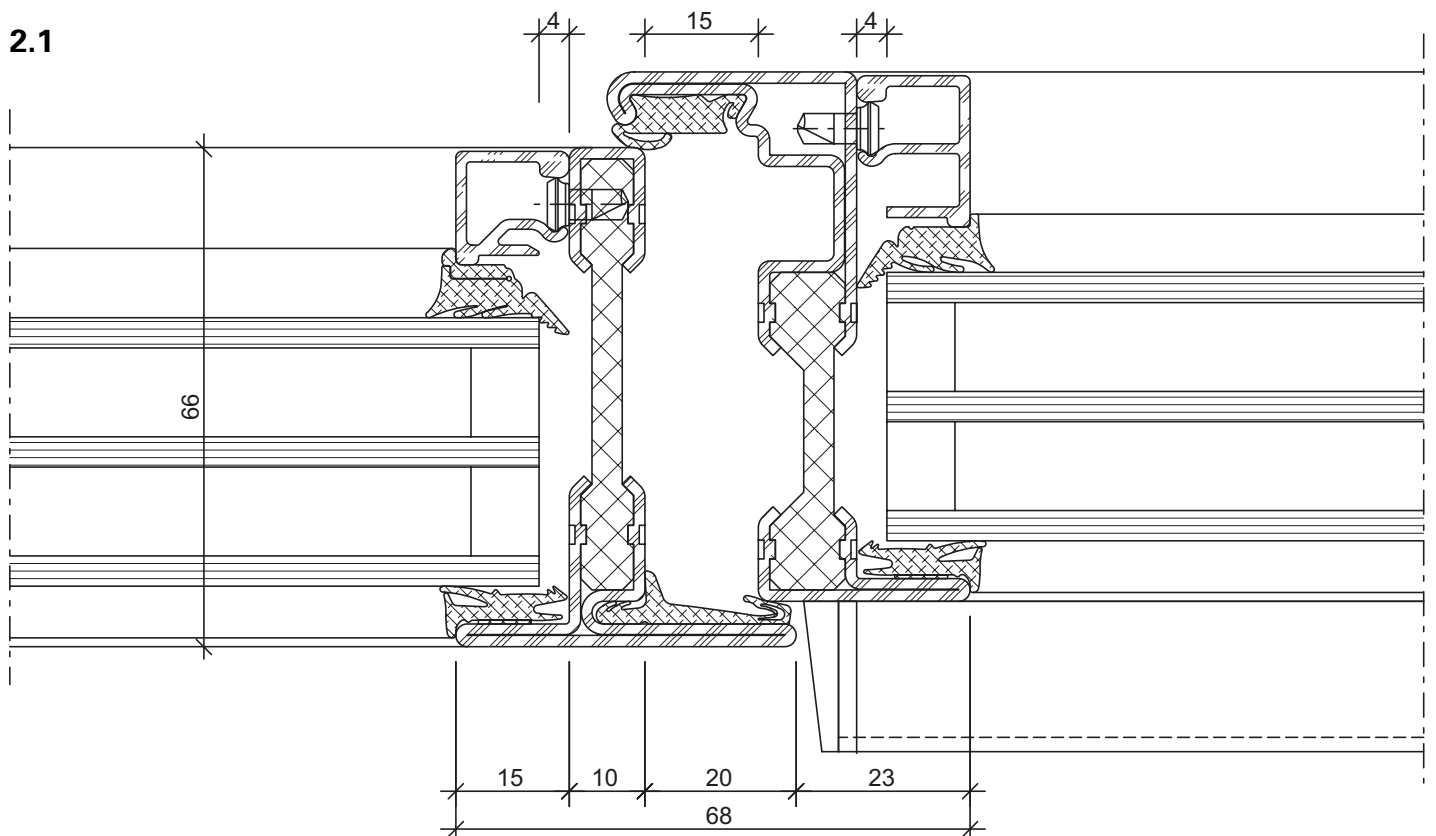


DXF

DWG

13-0108-C-003

2.1



DXF

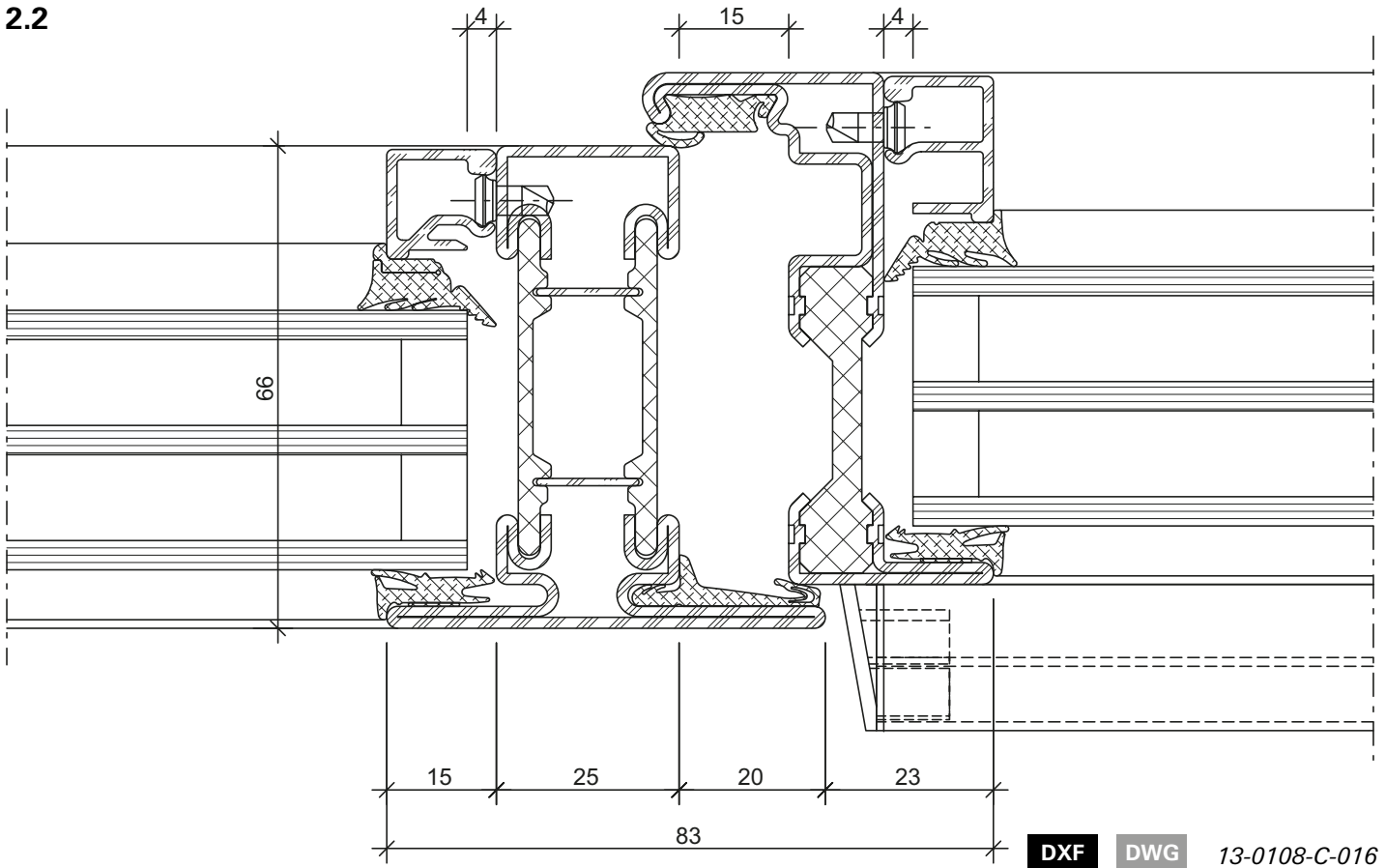
DWG

13-0108-C-004

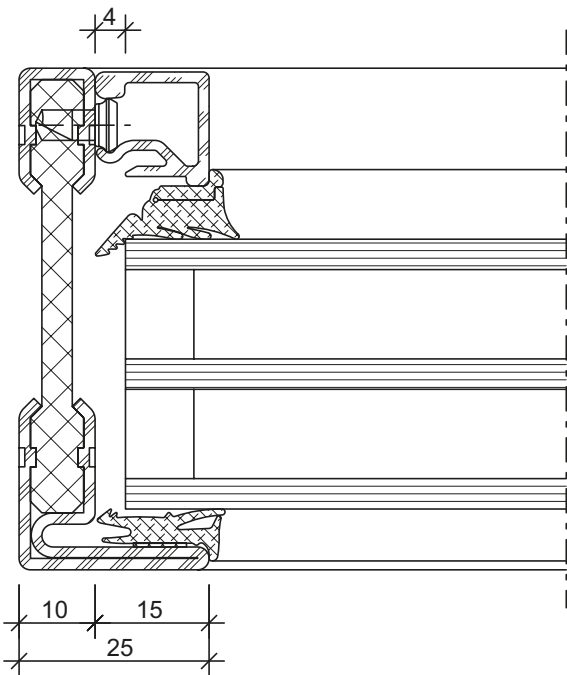
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

2.2

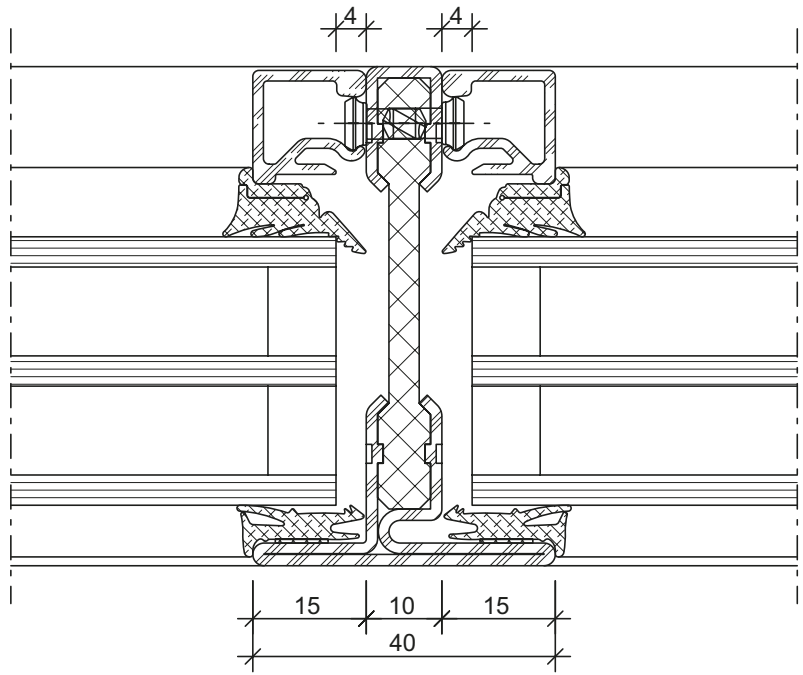


4.0



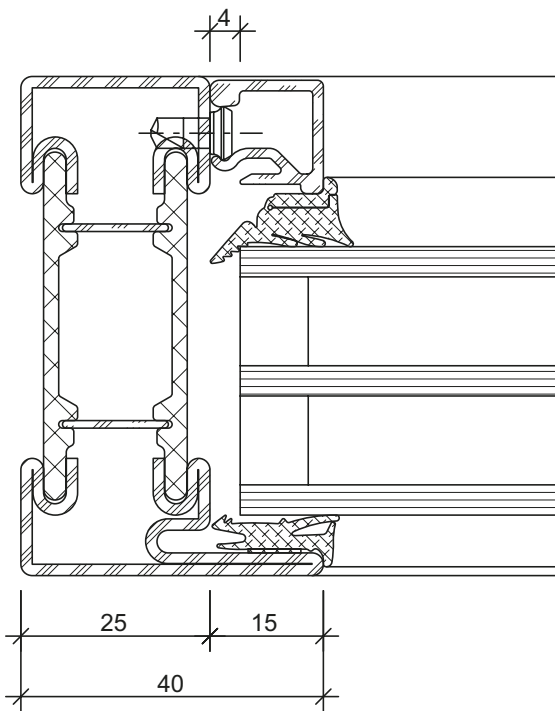
DXF DWG 13-0108-C-006

5.0



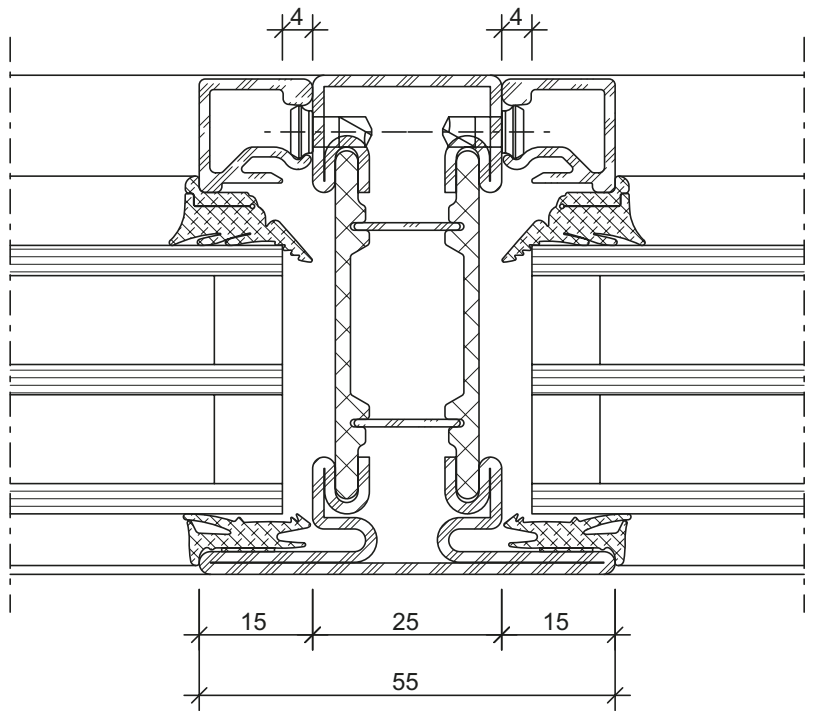
DXF DWG 13-0108-C-007

4.1



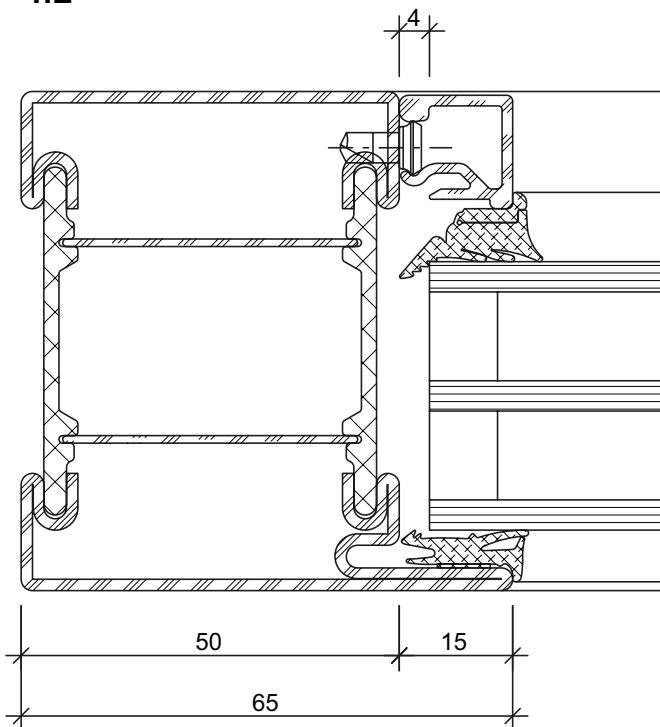
DXF **DWG** 13-0108-C-017

5.1



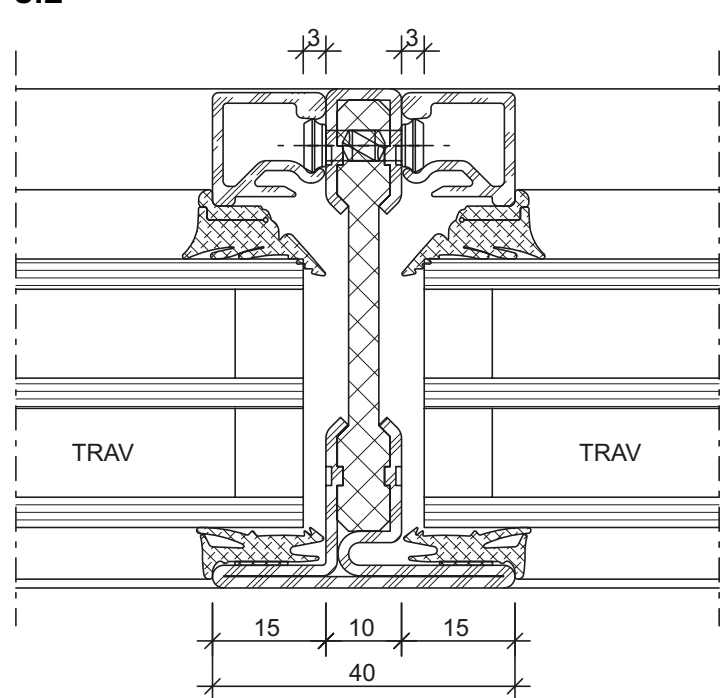
DXF **DWG** 13-0108-C-018

4.2



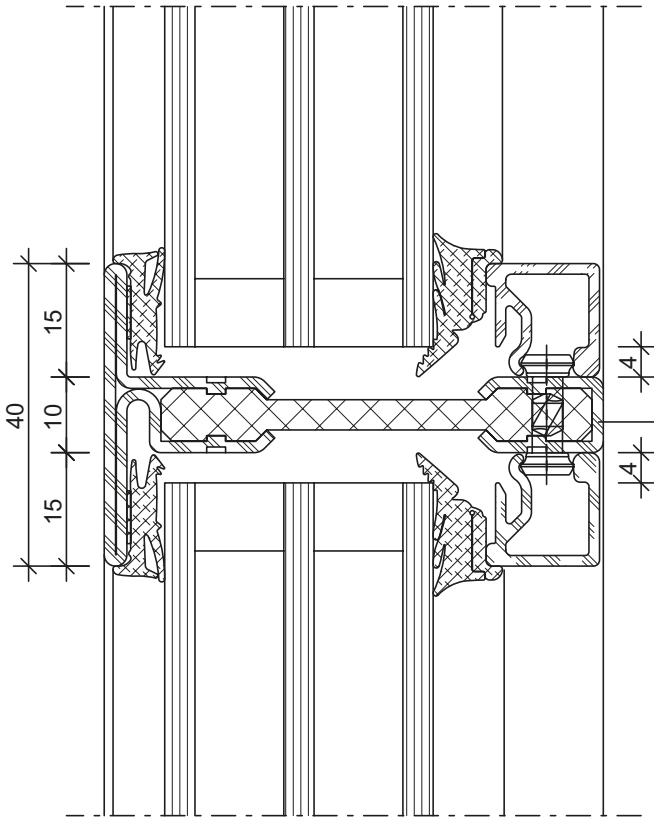
DXF **DWG** 13-0108-C-024

5.2



DXF **DWG** 13-0108-C-014

6.0

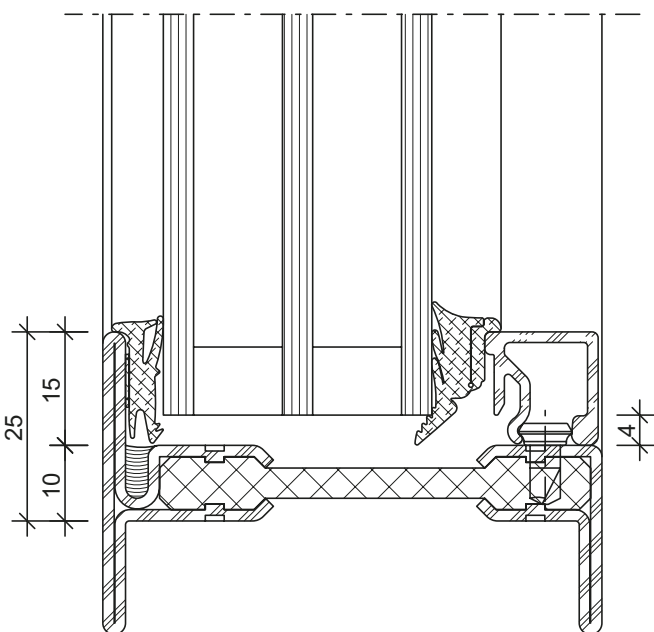


13-0108-C-009

DWG

DXF

4.1



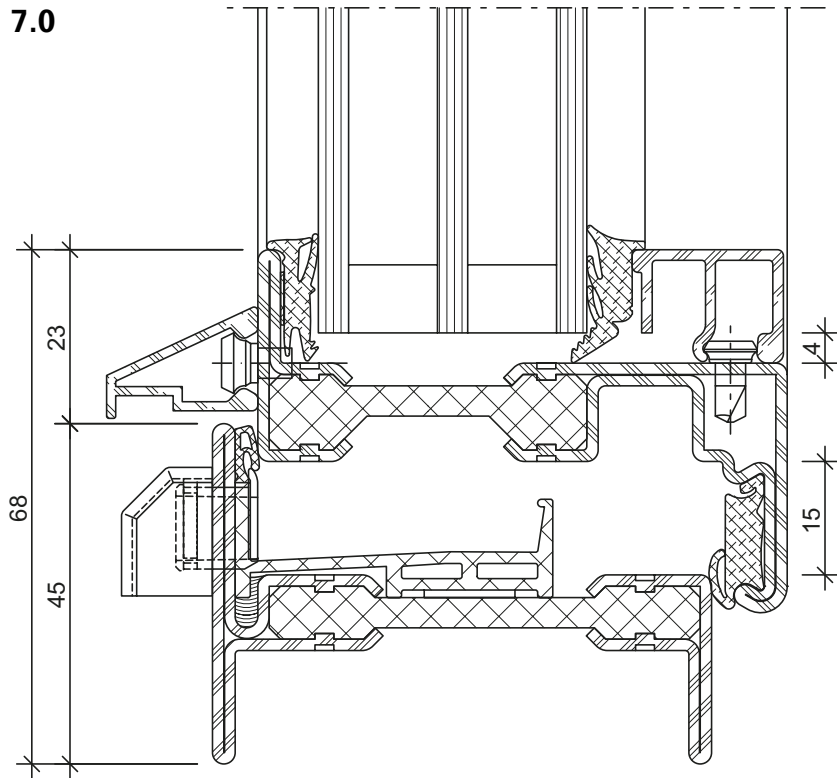
13-0108-C-008

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

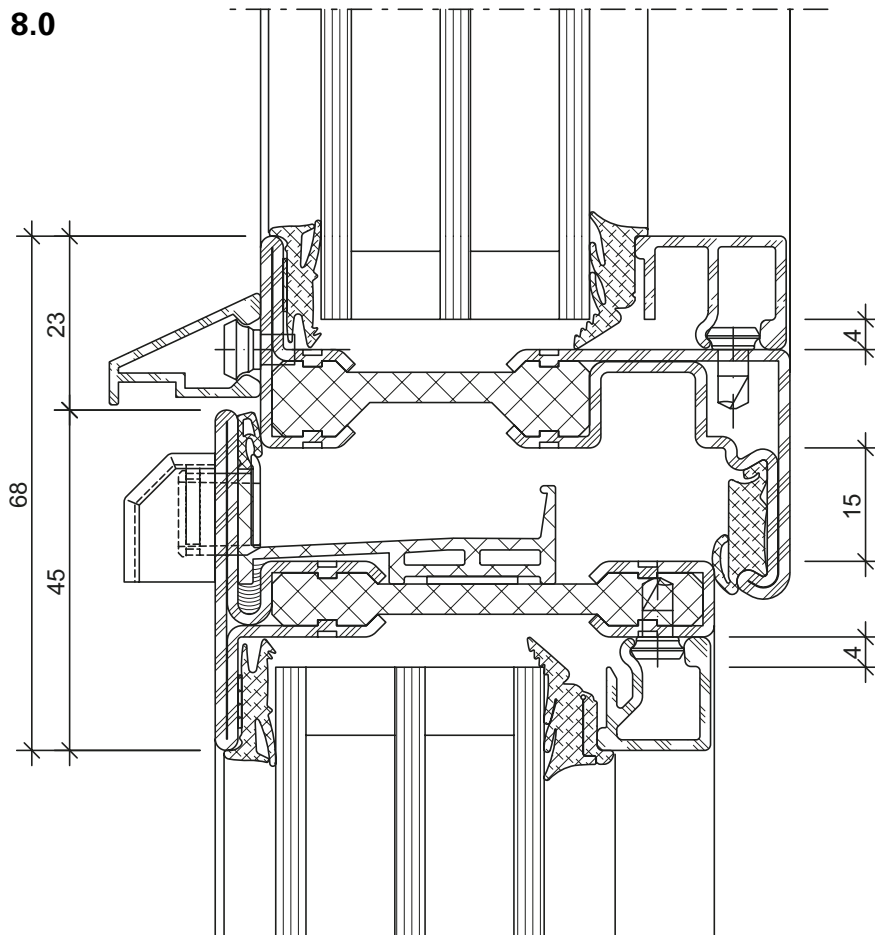
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



13-0108-C-010

DWG

DXF

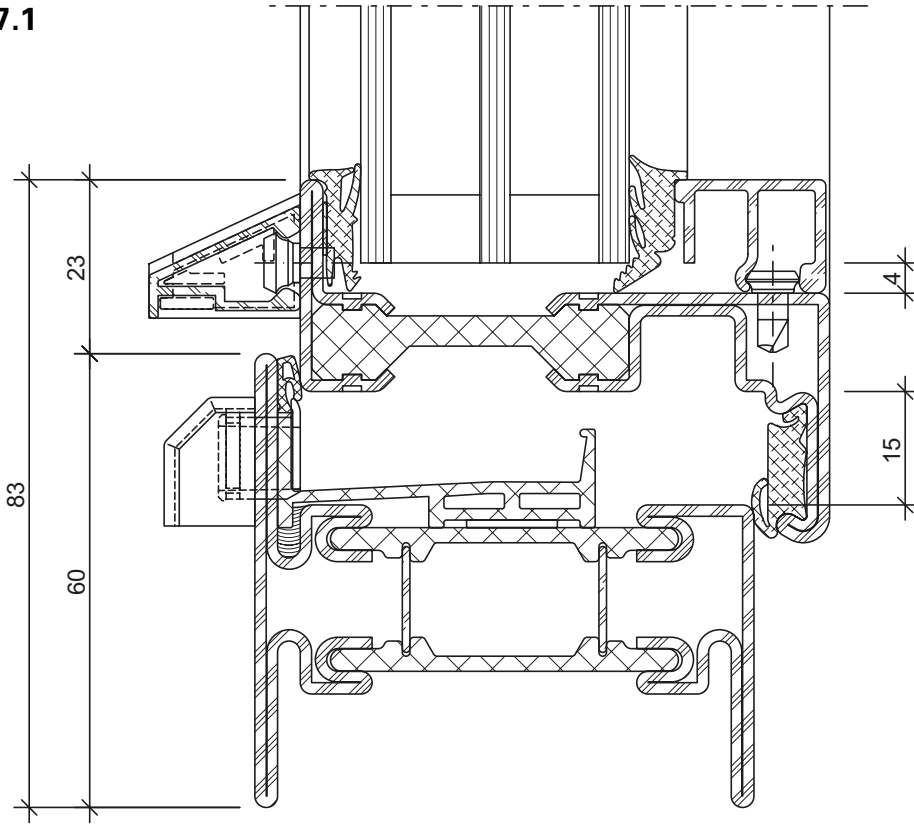


13-0108-C-013

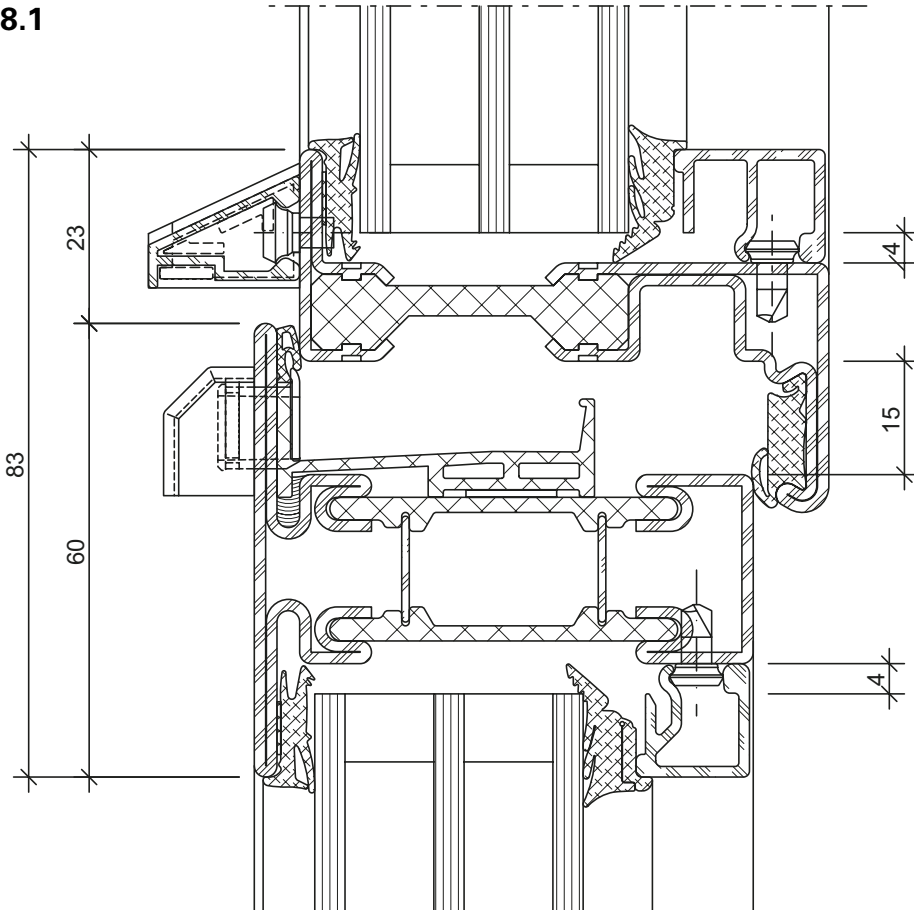
DWG

DXF

7.1



8.1



13-0108-C-019

DWG

DXF

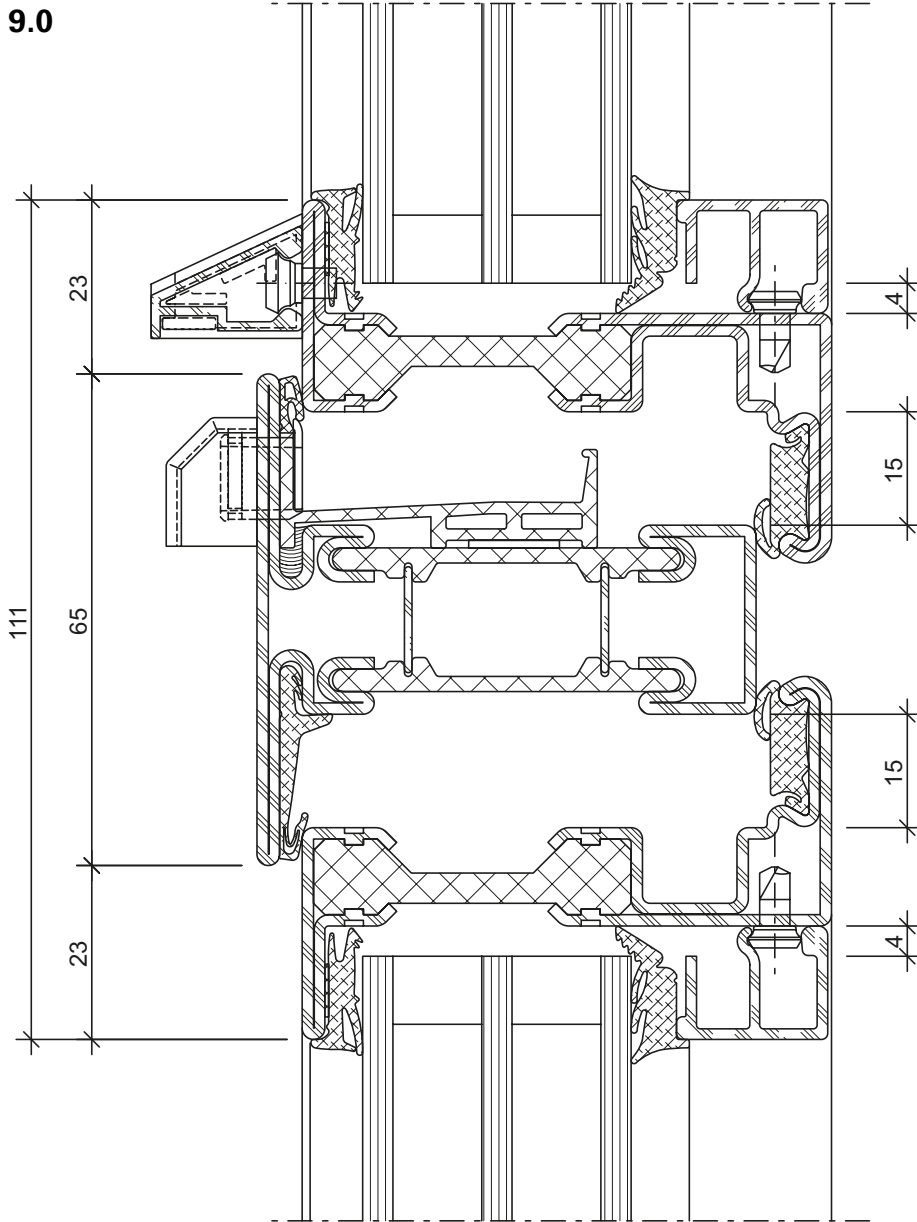
13-0108-C-021

DWG

DXF

Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



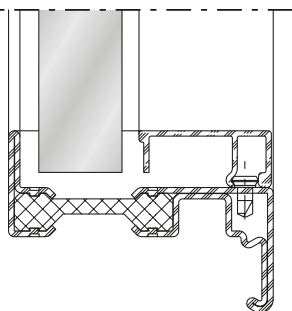
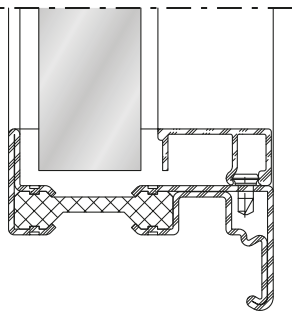
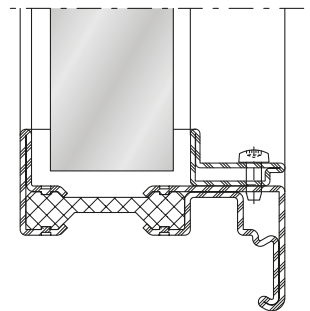
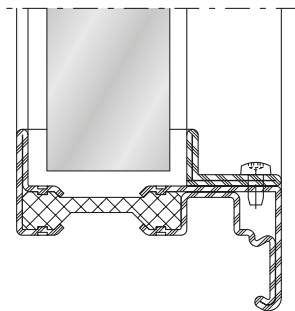
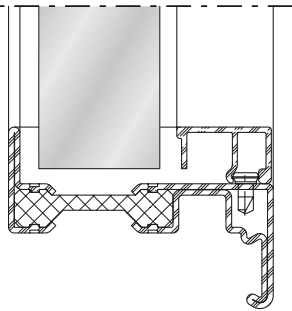
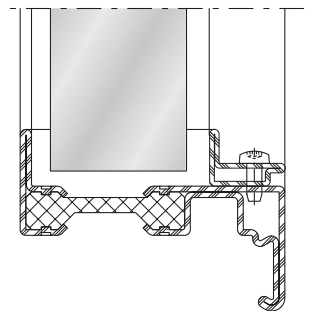
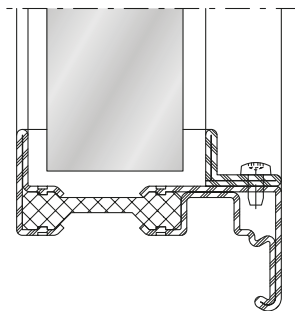
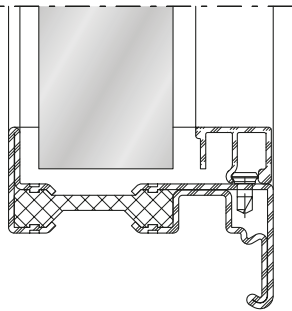
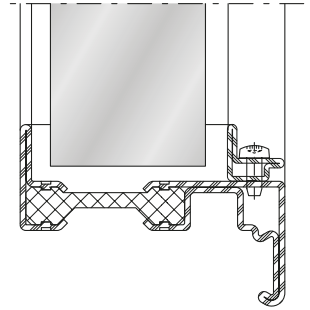
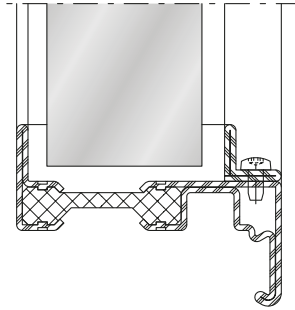
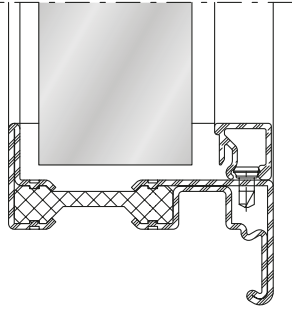
13-0108-C-020

DWG

DXF

Aluminium

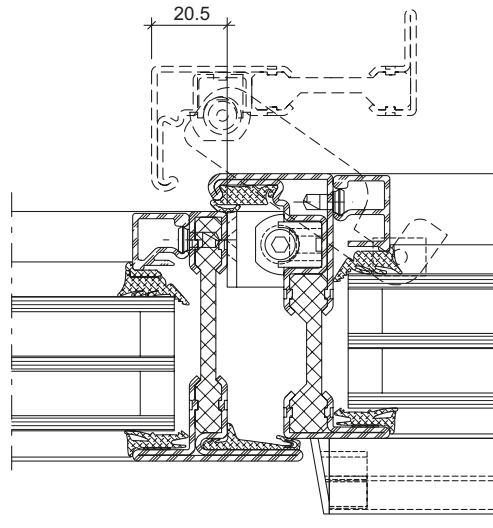
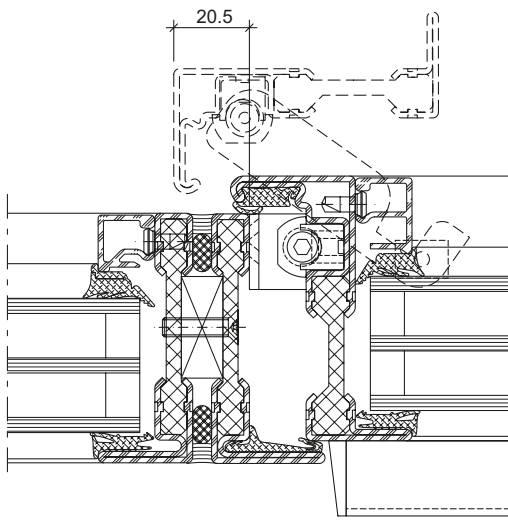
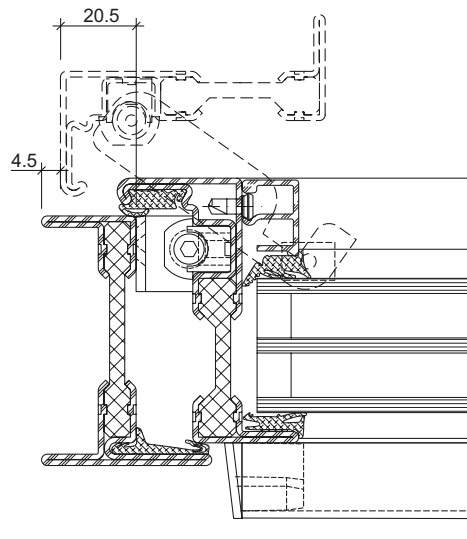
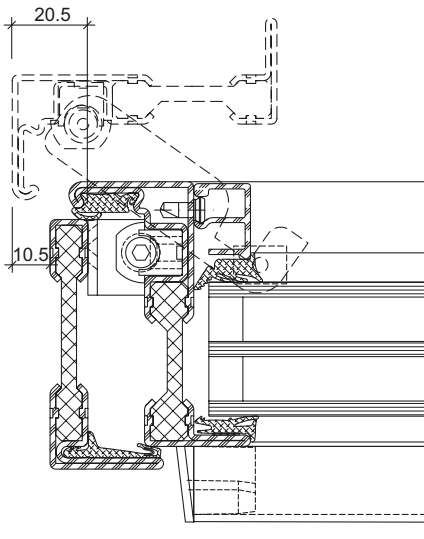
Stahl / Acier / Steel



Platzbedarf
Verdeckt liegender Fensterbeschlag

Espace nécessaire
Ferrure de fenêtre non apparente

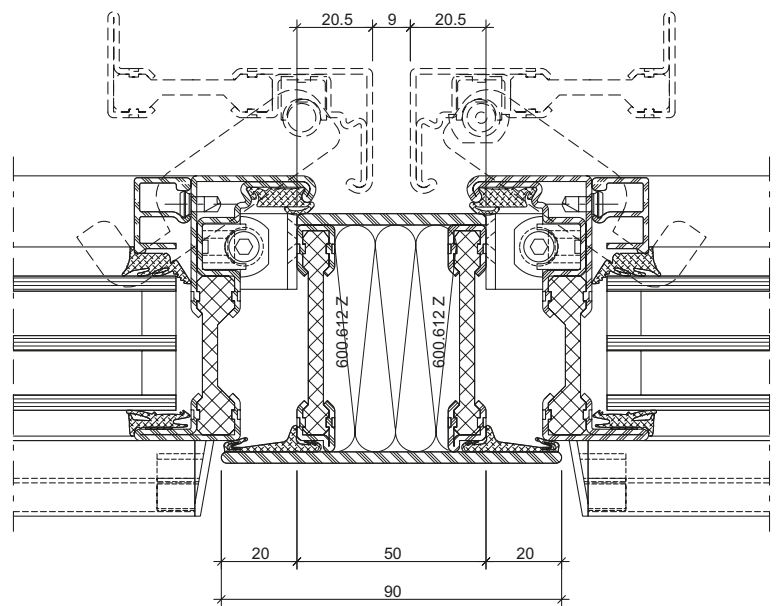
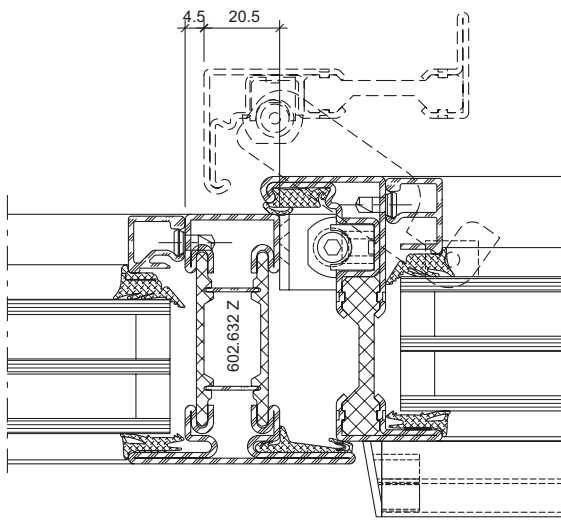
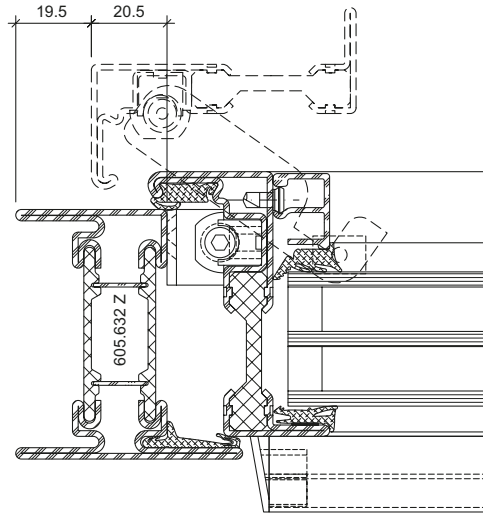
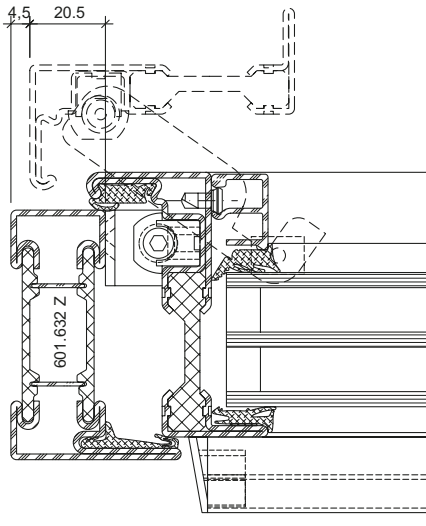
Space required
Concealed window fitting



Platzbedarf
Verdeckt liegender Fensterbeschlag

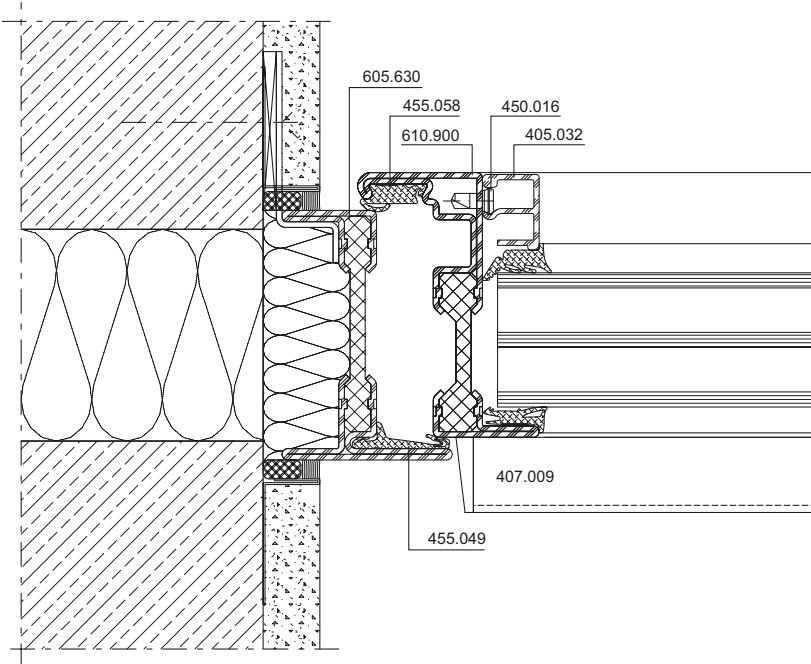
Espace nécessaire
Ferrure de fenêtre non apparente

Space required
Concealed window fitting



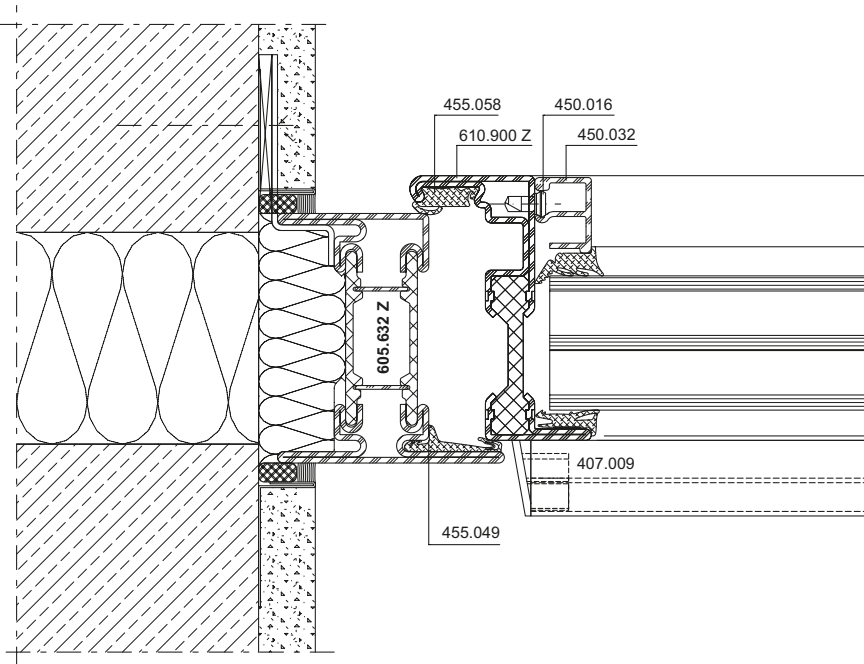
Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

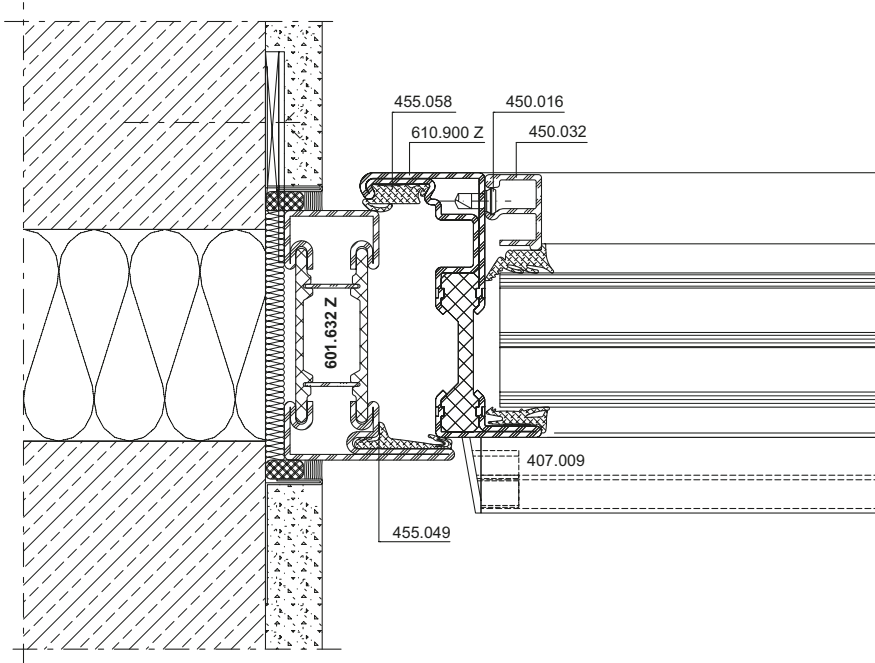
DXF DWG 13-0108-A-001



DXF DWG 13-0108-A-005

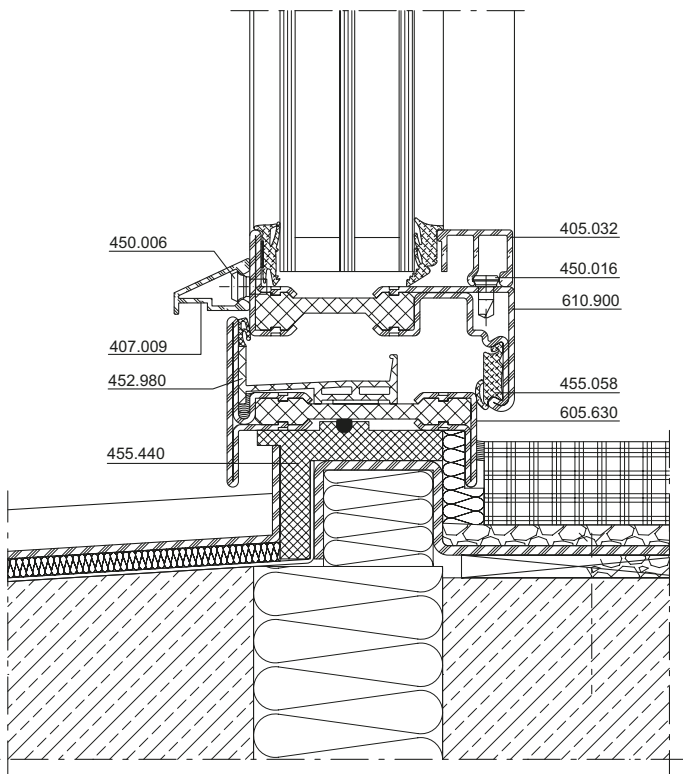
Anschlüsse am Bau im Massstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

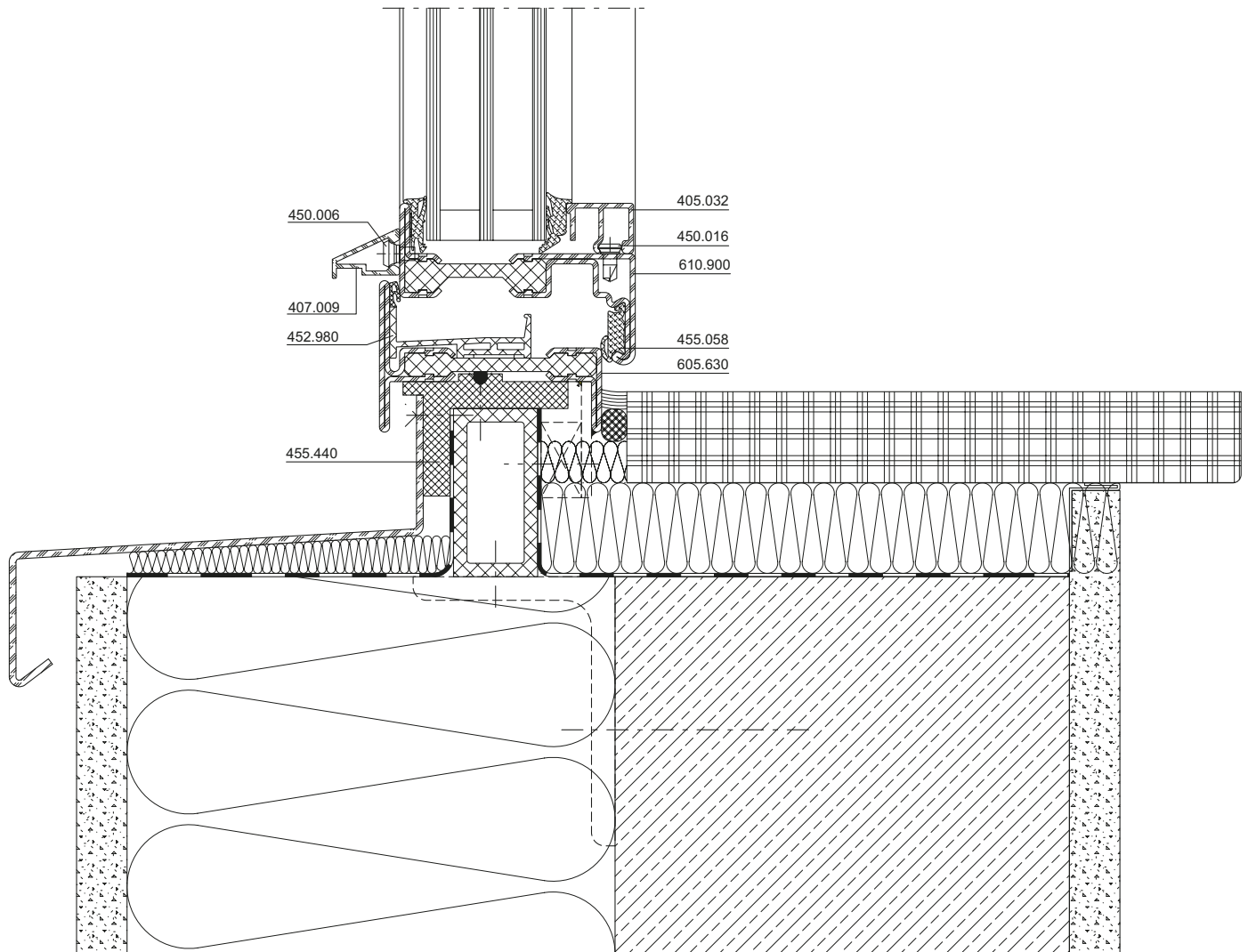


Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

DXF **DWG** 13-0108-A-006



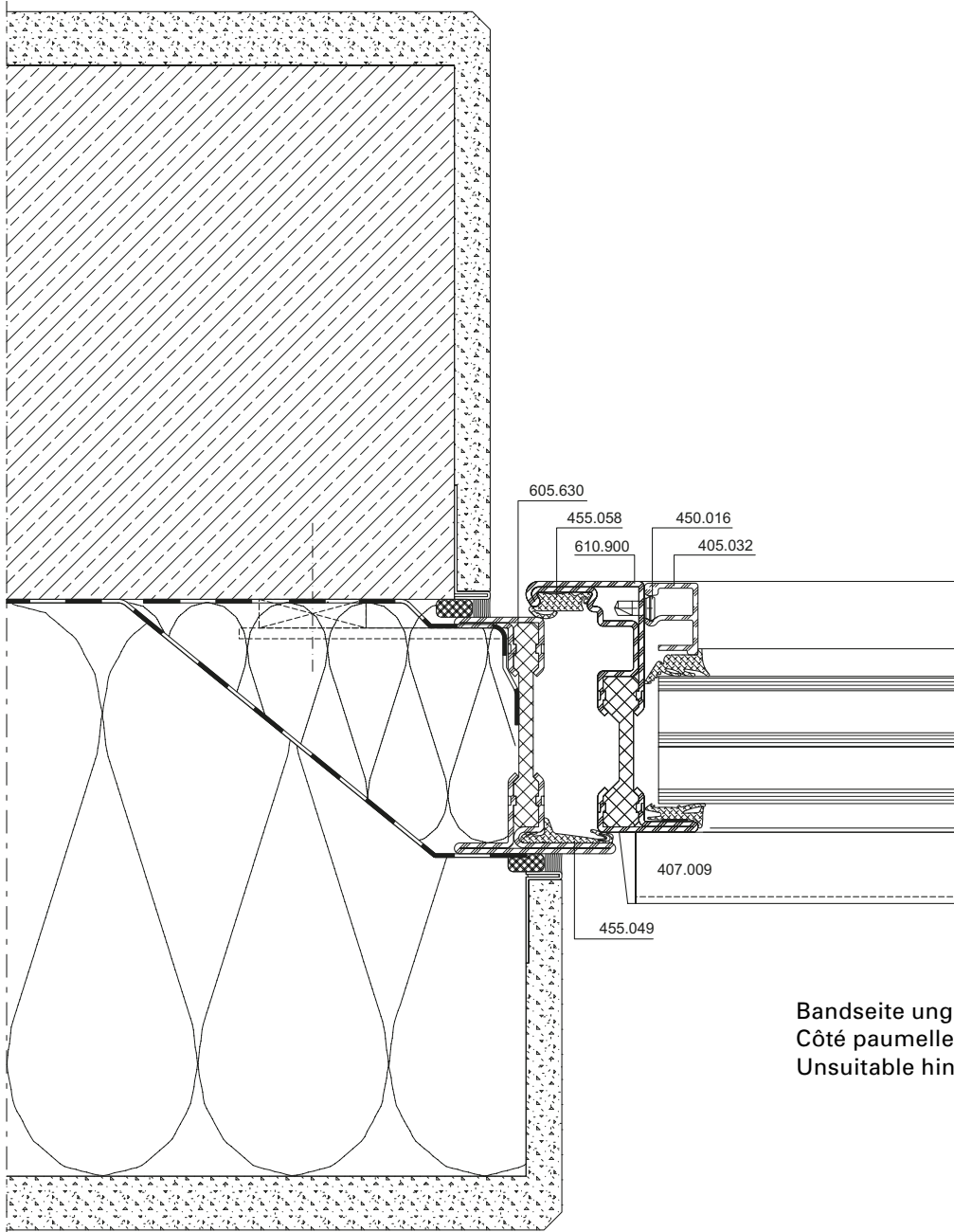
DXF **DWG** 13-0108-A-002



DXF

DWG

13-0108-A-003



Bandseite ungeeignet (siehe Seite A-36-25)
Côté paumelle inadapté (voir page A-36-25)
Unsuitable hinge side (see page A-36-25)

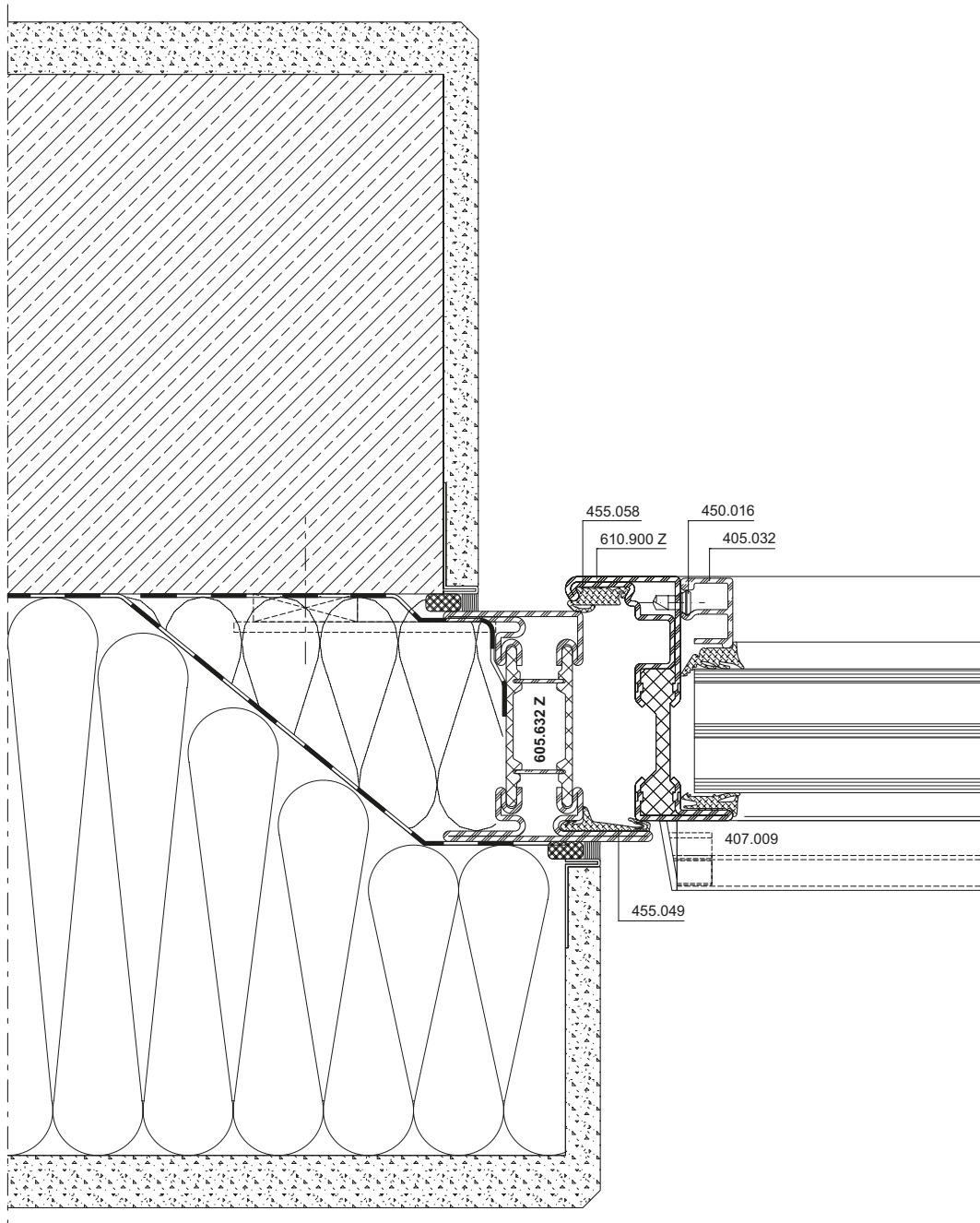
DXF

DWG

13-0108-A-004

Anschlüsse am Bau im Masstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



DXF

DWG

13-0108-A-007

Leistungswerte

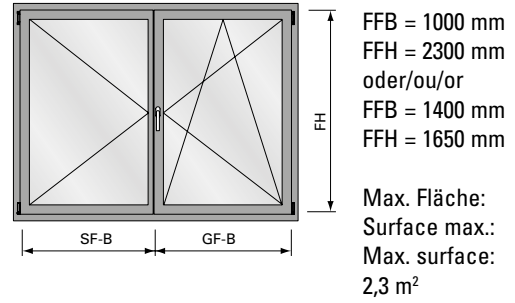
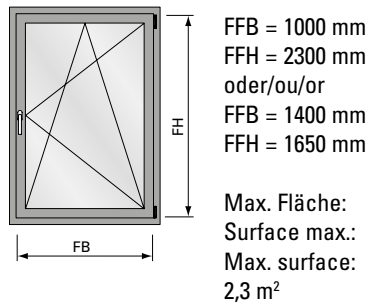
Caractéristiques de performances







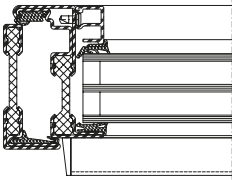
Performance values







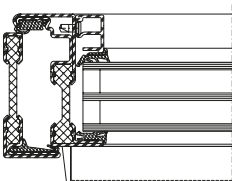
Schlagregendichtheit
 Luftdurchlässigkeit
 Widerstand bei Windlast

Étanchéité à la pluie battante
 Perméabilité à l'air
 Résistance à la pression du vent

Watertightness
 Air permeability
 Resistance to wind load



	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 1650 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

	 EN 12208	 EN 12207	 EN 12210	 EN 12208	 EN 12207	 EN 12210
bis / jusqu'à / up to FFH 2300 mm bis / jusqu'à / up to FFB 1000 mm 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5	Klasse 7A Classe 7A Class 7A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%	-100%	-100%	-100%

Leistungseigenschaften nach EN 14351-1
Caractéristiques de performance selon EN 14351-1
Performance characteristics according to EN 14351-1

Janisol Arte 66
 Janisol Arte 66
 Janisol Arte 66

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

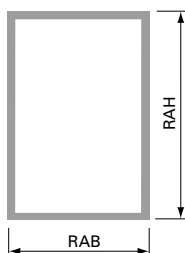
Étanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent




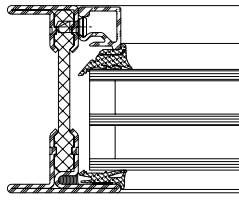
Watertightness
Air permeability
Resistance to wind load

Festverglasung

Vitrage fixe

Fixed glazing



	 EN 12208	 EN 12207	 EN 12210
RABxRAH 1230x1480 mm 	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5

Leistungswerte

Caractéristiques de performances

Performance values

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

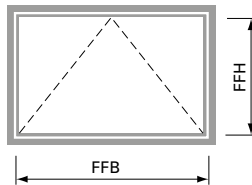
Etanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

Watertightness
Air permeability
Resistance to wind load

Kippfenster

Fenêtre à sofflet




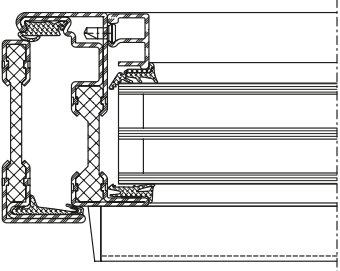
Bottom-hung window



FFB = 2300 mm
 FFH = 2300 mm

in Abhängigkeit des Verriegelungsabstandes
 en fonction de l'écart de verrouillage
 depending on the distance between locking points

Max. Fläche:
 Surface max.:
 Max. surface:
 2,3 m²

	 EN 12208	 EN 12207	 EN 12210
Beschlag/Ferrure/Fitting 	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Schnäpper 557.099 Loqueteau 557.099 Spring catch 557.099	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3
Oberlichtöffner 550.651 Ferrure d'imposte 550.651 Top light opener 550.651	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
Kettenantrieb 550.697 Entraînement à chaîne 550.697 Chain drive 550.697	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C3/B3 Classe C3/B3 Class C3/B3

U_f-Werte
(nach EN ISO 10077-2:2018-01)

Auf den folgenden Seiten finden Sie die U_f-Werte für die verschiedenen Anwendungen von Janisol Arte 2.0.

Sie basieren auf folgenden Grundlagen:

- Profile bandverzinkter Stahl, unbeschichtet
- Aluminium-Glasleisten
- Nassverglasung

Valeurs U_f
(selon EN ISO 10077-2:2018-01)

Vous trouverez les valeurs U_f pour les différentes applications Janisol Arte 2.0 dans les pages qui suivent.

Elles se basent sur les principes suivants:

- Profilés en bande d'acier zingué, sans revêtement
- Parcloles en aluminium
- Vitrage à mastic

U_f values
(according to EN ISO 10077-2:2018-01)

On the following pages you will find the U_f values for the various applications for Janisol Arte 2.0.

They are based on the following:

- Strip galvanised steel profiles, uncoated
- Aluminium glazing beads
- Glazing with sealing

Janisol Arte Stahl
Zweifach-Isolierglas

Janisol Arte acier
Double verre isolant

Janisol Arte steel
Double insulating glazing

Janisol Arte Stahl
Dreifach-Isolierglas

Janisol Arte acier
Triple verre isolant

Janisol Arte steel
Triple insulating glazing

Janisol Arte Stahl
optimiert
Zweifach-Isolierglas

Janisol Arte acier
optimisé
Double verre isolant

Janisol Arte steel
optimised
Double insulating glazing

Janisol Arte Stahl
optimiert
Dreifach-Isolierglas

Janisol Arte acier
optimisé
Triple verre isolant

Janisol Arte steel
optimised
Triple insulating glazing

Janisol Arte Stahl
Zweifach-Isolierglas


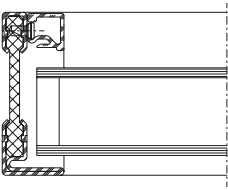
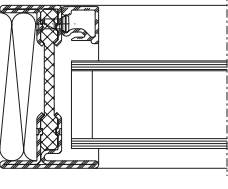
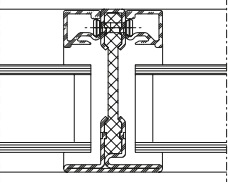
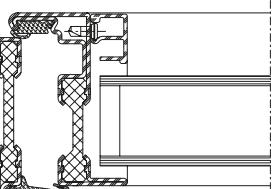
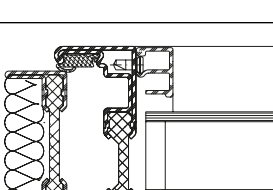
Festverglasungen und
 Fenster nach innen öffnend

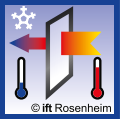
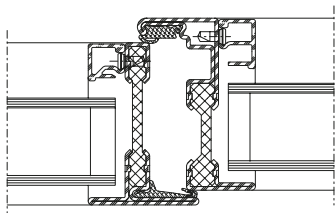
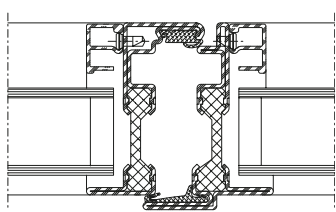
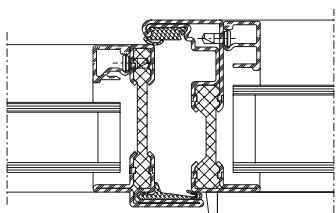
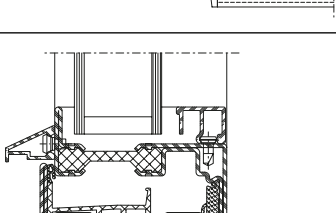
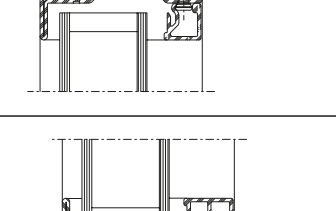
Janisol Arte acier
Double verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Double insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,9 W/m²K	2,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,5 W/m²K
	3,3 W/m²K	3,2 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	3,3 W/m²K	3,2 W/m²K
	3,3 W/m²K	3,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

**Janisol Arte Stahl
 Zweifach-Isolierglas**


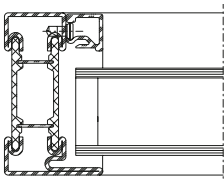
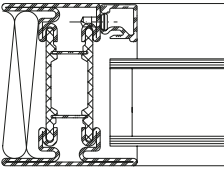
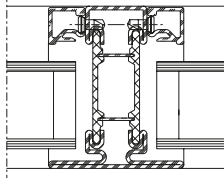
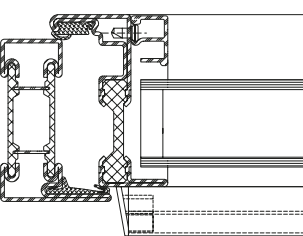
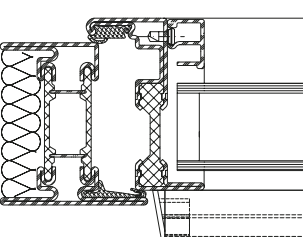
Festverglasungen und
 Fenster nach innen öffnend


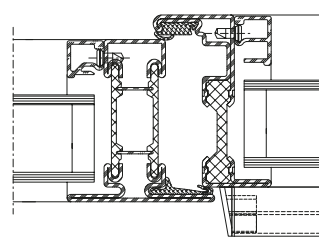
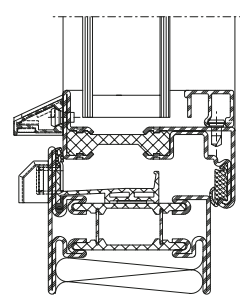
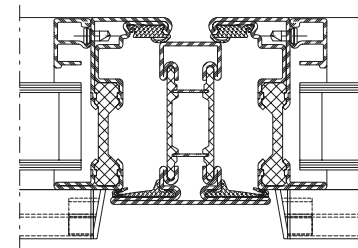
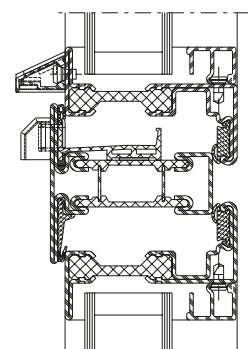
**Janisol Arte acier
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,1 W/m²K	2,0 W/m²K
	1,7 W/m²K	1,6 W/m²K
	2,2 W/m²K	2,0 W/m²K
	2,8 W/m²K	2,8 W/m²K
	2,5 W/m²K	2,5 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements	
	≥ 24 mm	≥ 28 mm
	2,8 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,9 W/m²K
	3,0 W/m²K	3,0 W/m²K

Janisol Arte Stahl
Dreifach-Isolierglas

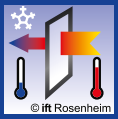
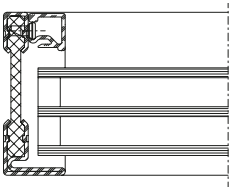
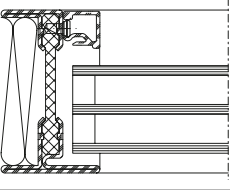
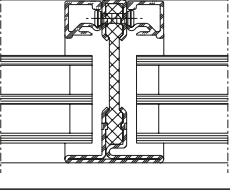
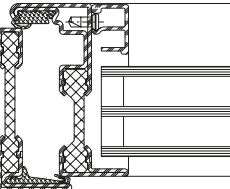
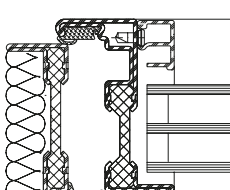
Festverglasungen und
 Fenster nach innen öffnend

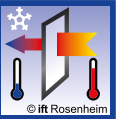
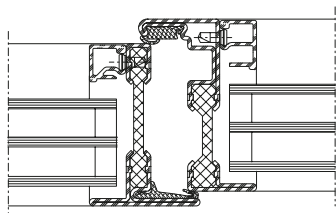
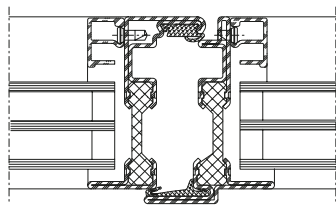
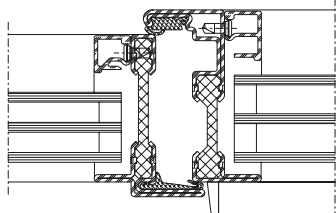
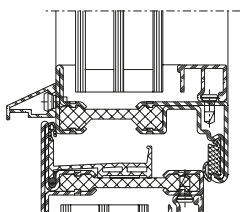
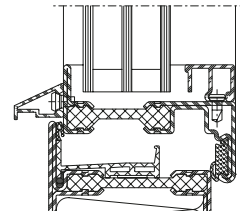
Janisol Arte acier
Triple verre isolant

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

Janisol Arte steel
Triple insulating glazing

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,5 W/m²K	2,3 W/m²K
	1,9 W/m²K	1,8 W/m²K
	2,3 W/m²K	2,2 W/m²K
	3,2 W/m²K	3,1 W/m²K
	2,8 W/m²K	2,8 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,2 W/m²K	3,1 W/m²K
	3,0 W/m²K	3,0 W/m²K
	3,0 W/m²K	2,9 W/m²K
	2,7 W/m²K	2,7 W/m²K

**Janisol Arte Stahl
 Dreifach-Isolierglas**


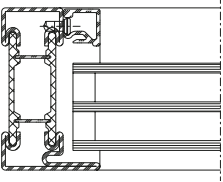
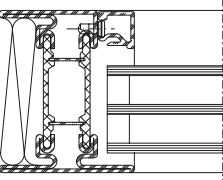
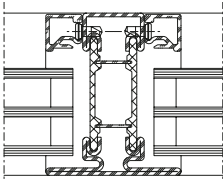
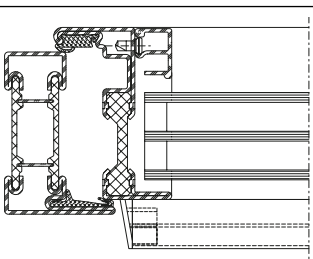
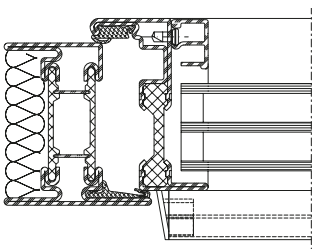
Festverglasungen und
 Fenster nach innen öffnend


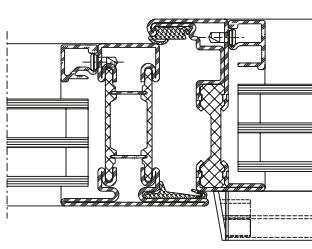
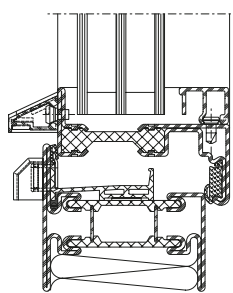
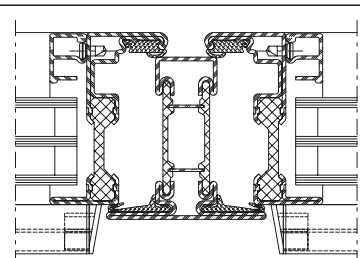
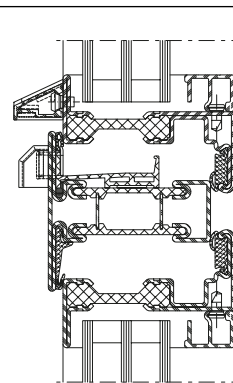
**Janisol Arte acier
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	1,9 W/m²K	1,8 W/m²K
	1,6 W/m²K	1,5 W/m²K
	1,8 W/m²K	1,8 W/m²K
	2,7 W/m²K	2,7 W/m²K
	2,4 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	2,6 W/m²K	2,6 W/m²K
	2,4 W/m²K	2,4 W/m²K
	2,9 W/m²K	2,8 W/m²K
	2,9 W/m²K	2,8 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

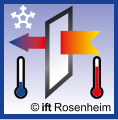
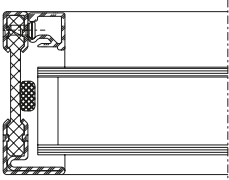
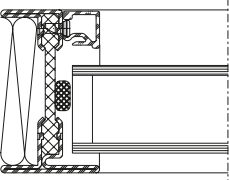
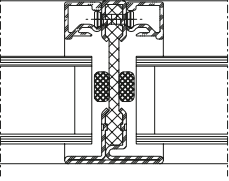
Festverglasungen und
 Fenster nach innen öffnend

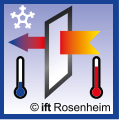
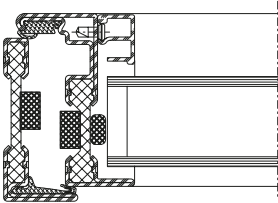
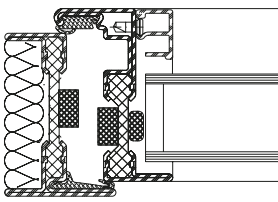
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,4 W/m ² K	X
	1,8 W/m ² K	X
	2,1 W/m ² K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,1 W/m ² K	2,5 W/m ² K
	2,7 W/m ² K	2,2 W/m ² K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

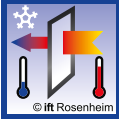
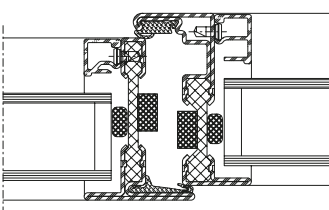
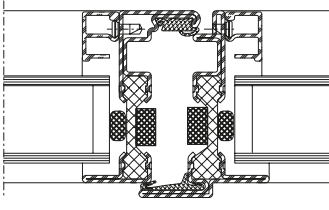
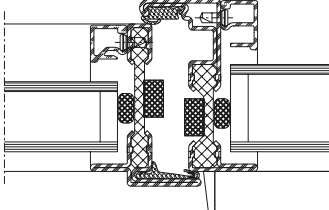
Festverglasungen und
 Fenster nach innen öffnend

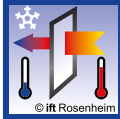
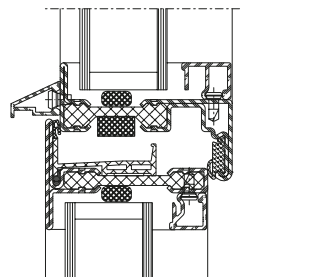
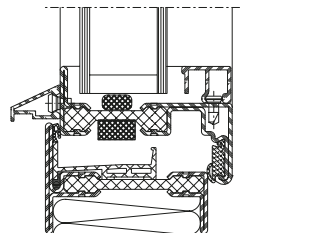
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,4 W/m²K
	3,0 W/m²K	2,5 W/m²K
	2,9 W/m²K	2,4 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,9 W/m²K	2,6 W/m²K
	2,6 W/m²K	2,4 W/m²K

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

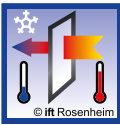
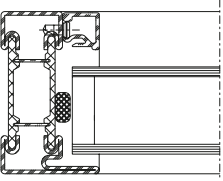
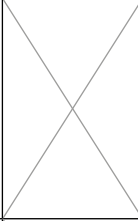
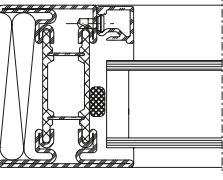
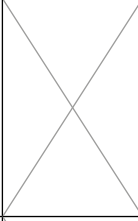
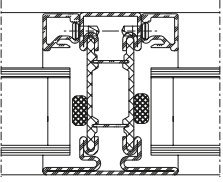
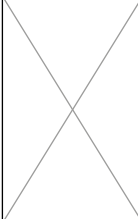
Festverglasungen und
 Fenster nach innen öffnend

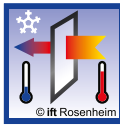
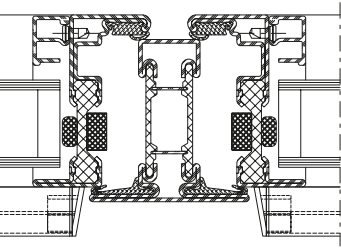
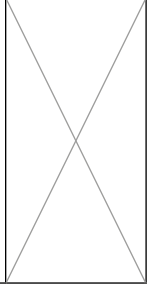
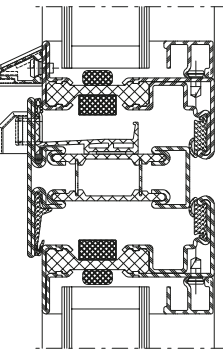
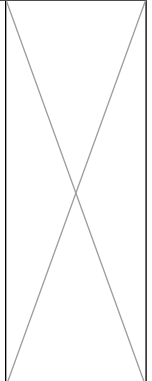
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	1,8 W/m²K	
	1,5 W/m²K	
	1,7 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,8 W/m²K	
	2,8 W/m²K	

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

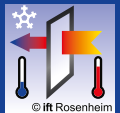
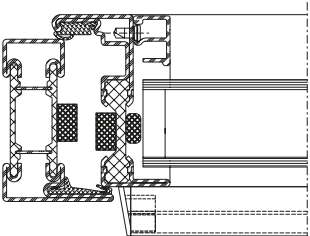
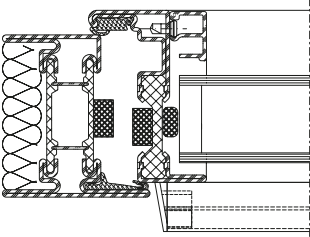
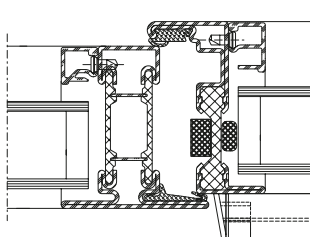
Festverglasungen und
 Fenster nach innen öffnend


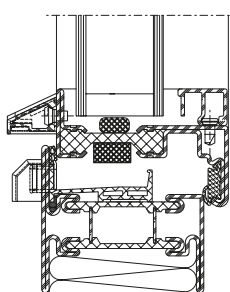
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 ouvrant vers l'intérieur

**Janisol Arte steel
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 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,6 W/m²K	2,1 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 28 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

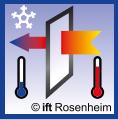
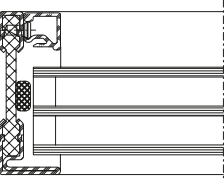
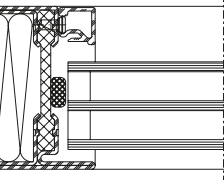
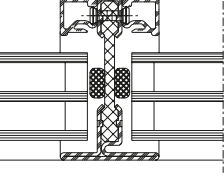
Festverglasungen und
 Fenster nach innen öffnend

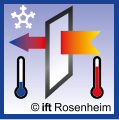
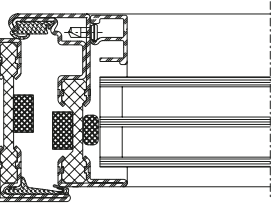
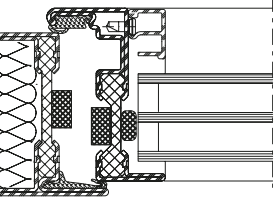
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,0 W/m²K	X
	1,6 W/m²K	X
	1,6 W/m²K	X

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


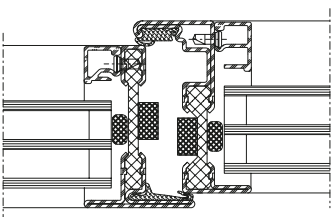
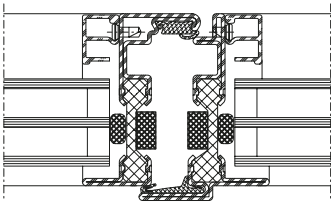
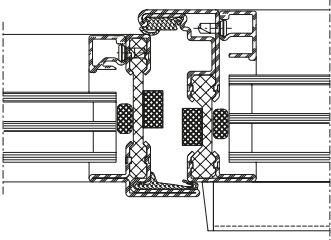
Festverglasungen und
 Fenster nach innen öffnend


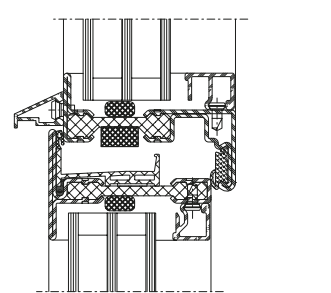
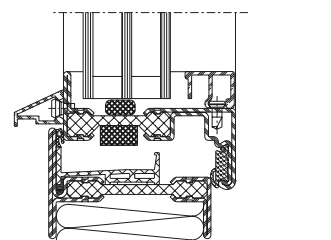
**Janisol Arte acier
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 Triple verre isolant**

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**Janisol Arte steel
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 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,7 W/m²K	2,2 W/m²K
	2,9 W/m²K	2,4 W/m²K
	2,7 W/m²K	2,2 W/m²K

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,4 W/m²K
	2,6 W/m²K	2,3 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


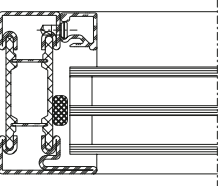
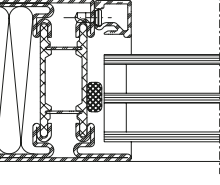
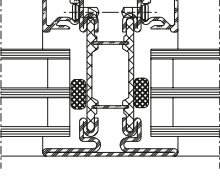
Festverglasungen und
 Fenster nach innen öffnend


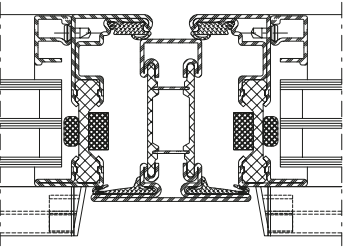
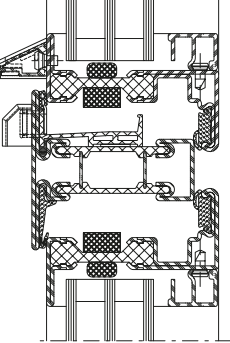
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		1,6 W/m²K
		1,4 W/m²K
	1,4 W/m²K	

	Füllelementstärken Éléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
		2,7 W/m²K
		2,7 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**


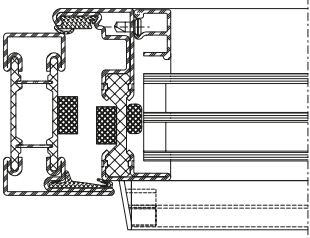
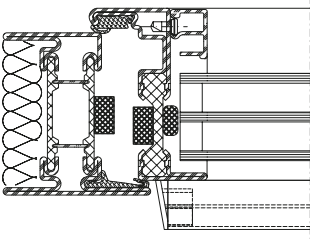
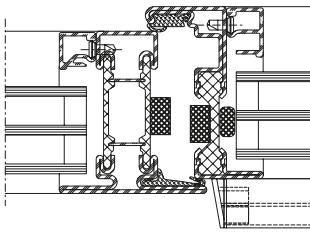
Festverglasungen und
 Fenster nach innen öffnend

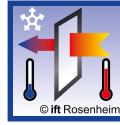
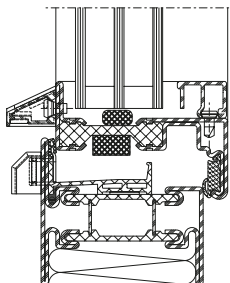
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K

	Füllelementstärken Eléments de remplissages Infill elements ≥ 46 mm	
	Dämmprofil Glasfalz Profilé isolant Feuillure de verre Insulation profile Glazing rebate	Dämmprofil Glas- und Rahmenfalz Profilé isolant Feuillure de verre et de cadre Insulation profile Glazing and frame rebate
	2,3 W/m²K	2,0 W/m²K



Schalldämmung

Ausführungsvarianten

Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.

Isolation phonique

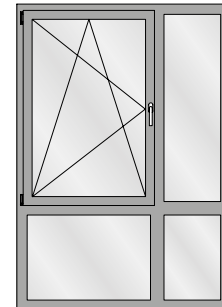
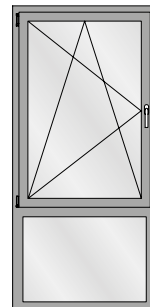
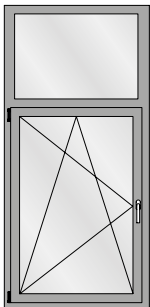
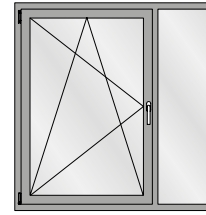
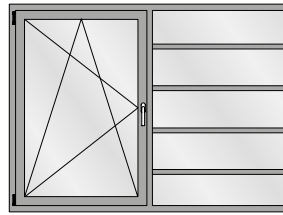
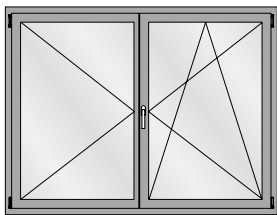
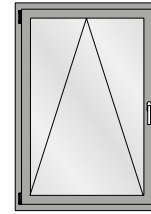
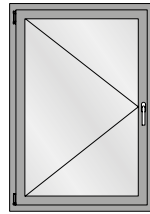
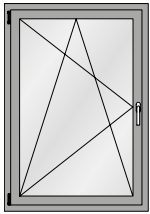
Modèles

L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.

Sound insulation

Design range

The following overview of types provides an overview of the evaluated designs.



Tabelle

Korrekturtabelle für Janisol Arte 66 Fenster mit Mehrscheiben-Isolierglas

Tableau A1

Tableau de correction pour les fenêtres Janisol Arte 66 avec vitrage isolant multi-vitres

Table A1

Correction table for Janisol Arte 66 windows with multi-pane insulating glass

	1	2	7	8	9	10	12	13	14	
	Fenster Fenêtre Window	Glas Verre Glass	Korrekturen Corrections Corrections							
	$R_{W, Fenster}$ dB	$R_{W, P, Glas}$ dB	K_{FF} dB	$K_{G 0,4}$ dB	$K_{GK 0,7/A1,0}$ dB	$K_{GK 1,1/A1,8}$ dB	$K_{G 1,8}$ dB	$K_{G 2,9}$ dB	$K_{G 3,7}$ dB	
1	29	28	0	0	-2	-2	-2	-3	-4	
2	30	29	0	0	-2	-2	-2	-3	-4	
3	31	30	0	0	-2	-2	-2	-3	-4	
4	32	31	0	0	-2	-2	-2	-3	-4	
5	33	32	0	0	-2	-2	-2	-3	-4	
6	33	33	0	0	-2	-2	-2	-3	-4	
7	34	34	0	0	-2	-2	-2	-3	-4	
8	35	35	0	0	-2	-2	-2	-3	-4	
9	36	36	0	0	-2	-2	-2	-3	-4	
10	37	37	0	0	-2	-2	-2	-3	-4	
11	38	38	0	0	-2	-2	-2	-3	-4	
12	39	39	0	0	-2	-2	-2	-3	-4	
13	40	40	0	0	-2	-2	-2	-4	-4	
14	41	41	0	-1	-2	-2	-2	-4	-4	
15	42	42	0	-1	-2	-2	-2	-4	-4	
16	43	43	0	-2	-2	-2	-2	-4	-4	
17	44	44	0	-2	-2	-2	-2	-4	-4	
18	45	45	0	-3	-3	-3	-2	-4	-4	
19	45	46	0	-4	-3	-3	-4	-5	-5	
20	46	47	+1	-4	-3	-3	-5	-5	-6	
21	46	48	+1	-5	-3	-3	-5	-5	-6	
22	47	49	+2	-5	-3	-3	-5	-5	-6	

Der aus der Tabelle A1 abzulesende Wert für die Schalldämmung $R_{W, Fenster}$ beträgt:

La valeur à relever sur le tableau A1 concernant l'isolement contre les sons aériens $R_{W, Fenêtre}$ est la suivante:

The value taken from table A1 for the sound insulation $R_{W, Window}$ is:

$$R_{W, Fenster} = R_W + K_{FF} + K_{G 0,4} + K_{GK 0,7/A1,0} + K_{GK 1,1/A1,8} + K_{G 1,8} + K_{G 2,9} + K_{G 3,7} \text{ dB}$$

K_{FF}	Korrekturwert für Festverglasungen	K_{FF}	Valeur de correction pour vitrages fixes	K_{FF}	Correction value for fixed glazings
$K_{G 0,4}$	Korrekturwert für Einzelscheiben $\leq 0,4 \text{ m}^2$.	$K_{G 0,4}$	Valeur de correction pour vitres individuelles $\geq 0,4 \text{ m}^2$	$K_{G 0,4}$	Correction value for single panes $\leq 0,4 \text{ m}^2$.
$K_{GK 0,7/A1,0}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 0,7 \text{ m}$ und einer Fläche $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 0,7 \text{ m}$ et une surface $\geq 1,0 \text{ m}^2$	$K_{GK 0,7/A1,0}$	Correction value for units with single panes with an edge length $\leq 0.7 \text{ m}$ and an area $\geq 1.0 \text{ m}^2$
$K_{GK 1,1/A1,8}$	Korrekturwert für Elemente mit Einzelscheiben mit einer Kantenlänge $\leq 1,1 \text{ m}$ und einer Fläche $\geq 1,8 \text{ m}^2$ und $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Valeur de correction pour éléments à vitre individuelle avec une longueur de bord $\leq 1,1 \text{ m}$ et une surface $\geq 1,8 \text{ m}^2$ et $\leq 3,4 \text{ m}^2$	$K_{GK 1,1/A1,8}$	Correction value for units with single panes with an edge length $\leq 1.1 \text{ m}$ and an area $\geq 1.8 \text{ m}^2$ and $\leq 3.4 \text{ m}^2$
$K_{G 1,8}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$	$K_{G1,8}$	Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$
$K_{G 2,9}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,9 \text{ m}^2$	$K_{G2,9}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,9 \text{ m}^2$	$R_{G2,9}$	Correction value for single panes with a glass area $\geq 2,9 \text{ m}^2$
$K_{G3,7}$	Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,7 \text{ m}^2$ und $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,7 \text{ m}^2$ et $\leq 5,5 \text{ m}^2$	$R_{G3,7}$	Correction value for single panes with a glass area $\geq 3,7 \text{ m}^2$ and $\leq 5,5 \text{ m}^2$

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