

Janisol Arte 66

Filigrane wärmege­dämmte 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

Systemübersicht

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Leistungseigenschaften
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Leistungseigenschaften

Caractéristiques de performance

Performance characteristics

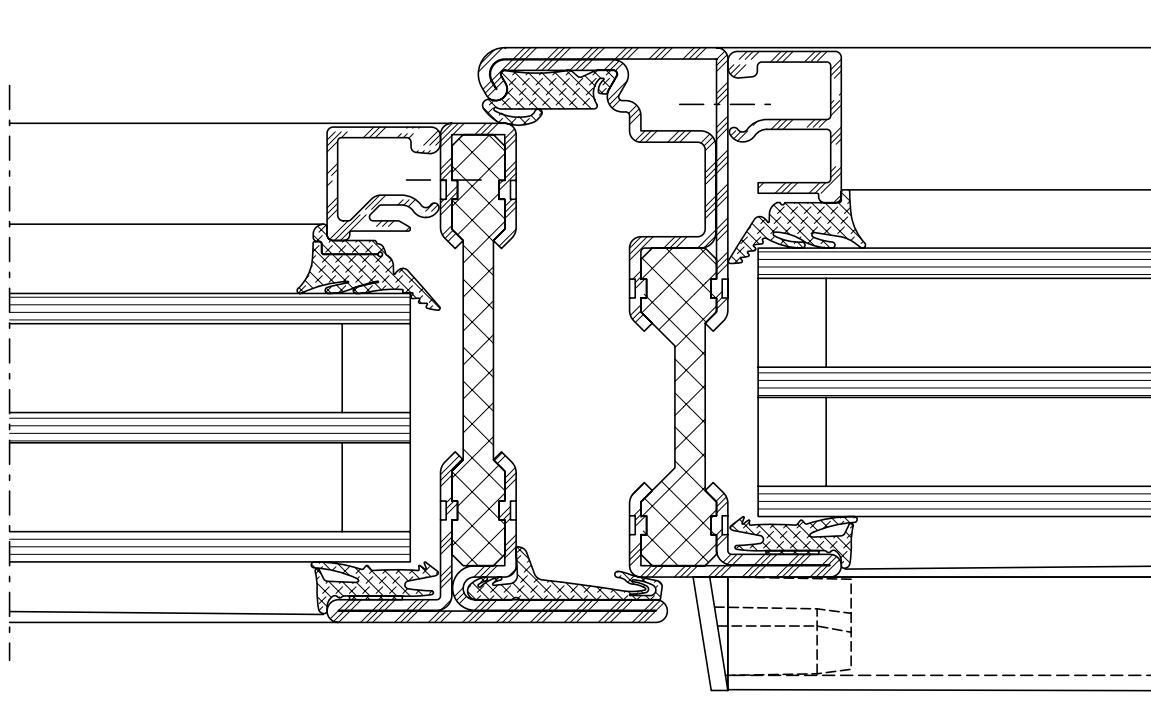
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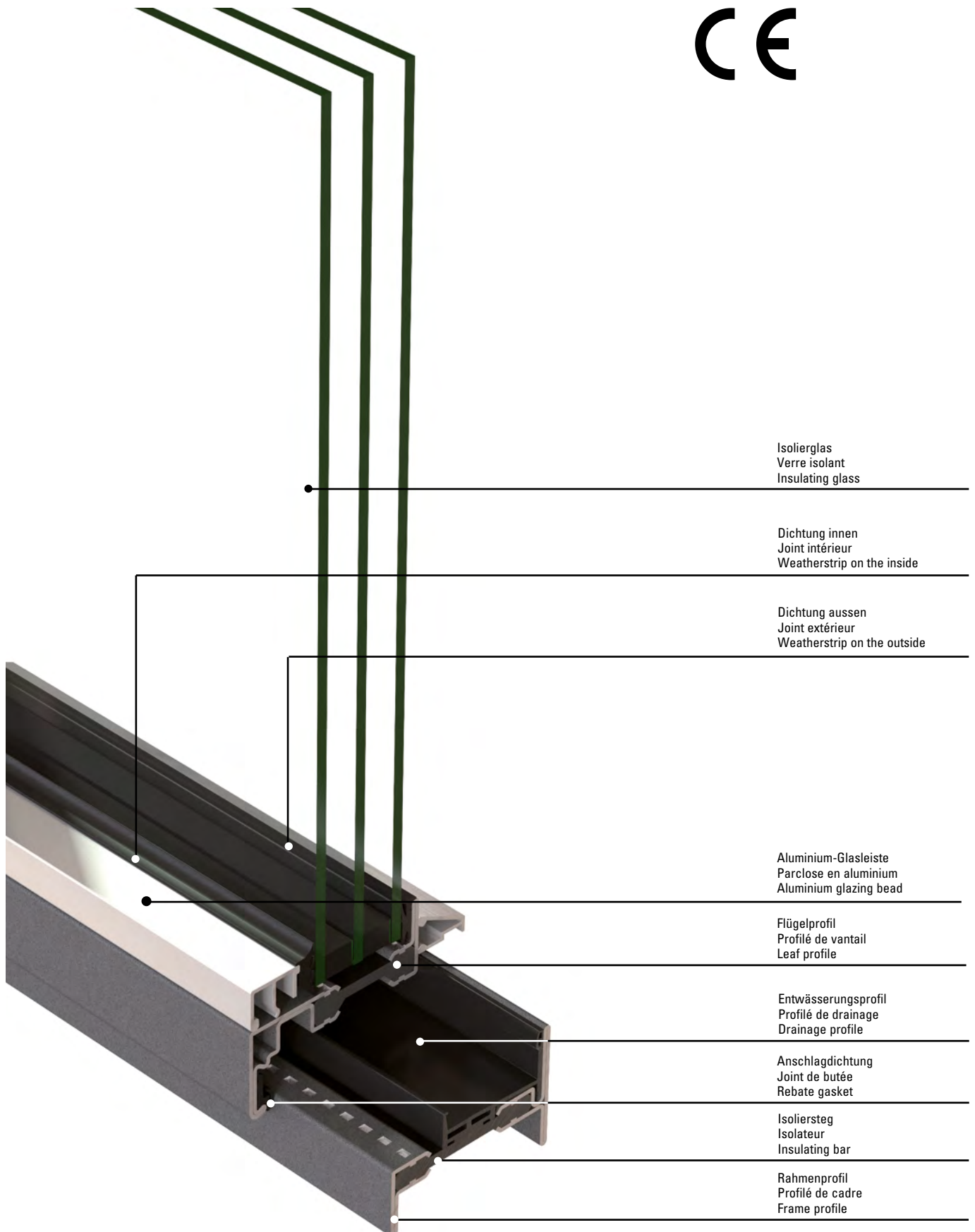
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- Wärmegedämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60/66 mm, Fensterflügel 70 mm
- Schmale Ansichtsbreiten:
Fenstersprossen 40 mm
Rahmen inkl. Flügel ab 53 mm
Stulppartie 76 mm
- Ein- und zweiflüglige Dreh- und Drehkippfenster und Kippfenster nach innen öffnend
- Dreh- und Drekipf-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/(m²·K)) Transmission thermique U_f (W/(m²·K)) Thermal production U_f (W/(m²·K))	npd	ab 1,6 W/m²·K à partir de 1,6 W/m²·K from 1,6 W/m²·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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DWG

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Les indications «Bibliothèque des articles/Ferures de porte/Ferrures de fenêtres» signifie que vous téléchargez la totalité de la bibliothèque des articles du système donné (profilés, ferrures, parclores, accessoires etc.).

Download CAD files

DXF

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.).

Info und Beratung

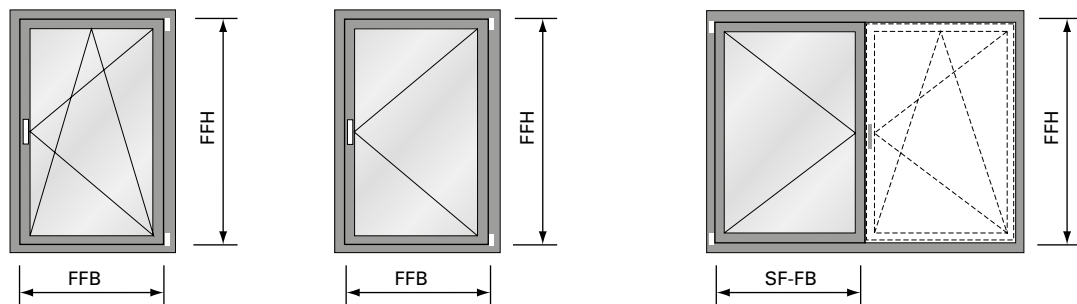
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Information and advice

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



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

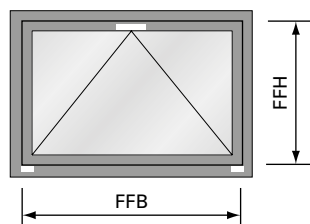
Poids max.:	180 kg
FFB/FFH:	≤ 2
Surface max:	2,3 m ²

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:

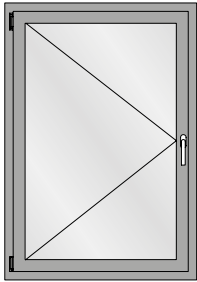
Max.	FFH =	2300 mm
	FFB =	2300 mm
Min.	FFH =	600 mm
	FFB =	445 mm

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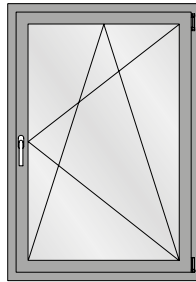
Size of vent
bottom-hung window:

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

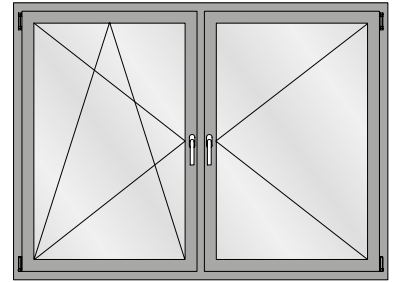
Max. weight:	80 kg
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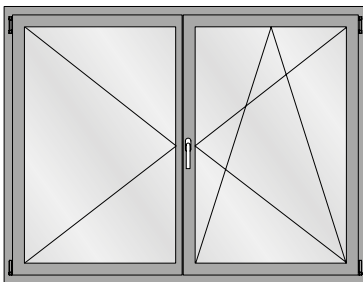
Drehflügel
 Fenêtre à la française
 Side-hung window



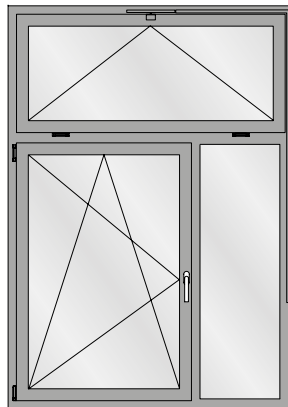
Drehkipp-Flügel
 Vantail oscillo-battant
 Turn/tilt window



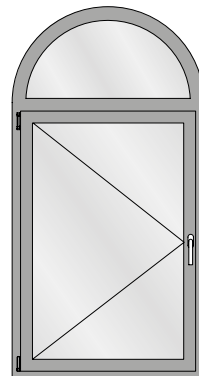
Drehkipp/Drehflügel (mit Pfosten)
 Vantail oscillo-battant/fenêtre à la française
 (avec montant)
 Side-hung/turn/tilt window (with mullion)



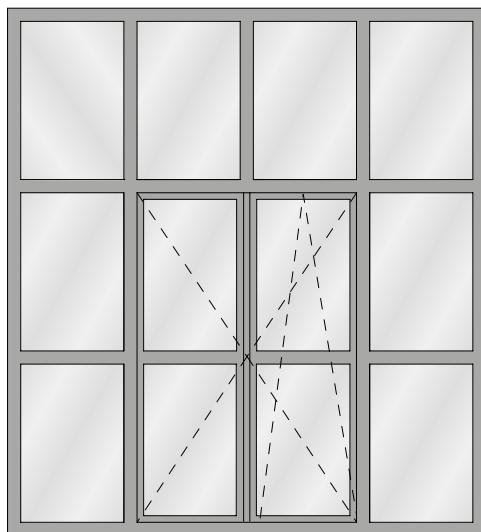
Stulpfenster
 Fenêtre à deux vantaux
 Double leaf window



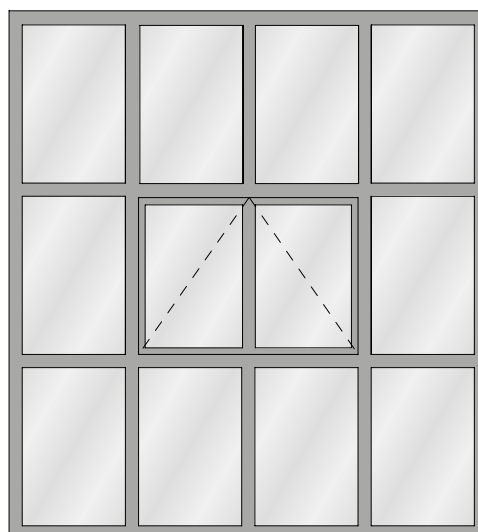
Fenster Drehkipp mit Oberlicht
 Vantail oscillo-battant avec imposte
 Window, turn/tilt with top light



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

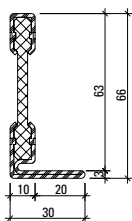


Drehkipp-Flügel mit Festverglasung
 Vantail oscillo-battant avec vitrage fixe et imposte
 Turn/tilt window with fixed lights and top lights



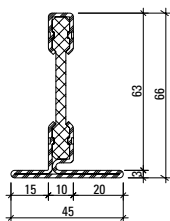
Kippfenster
 Fenêtre à soufflet
 Bottom-hung window

Profile mit Lappen 20 mm
(Rahmen Drehkipp-Fenster)



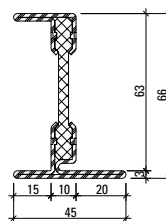
601.630 Z

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

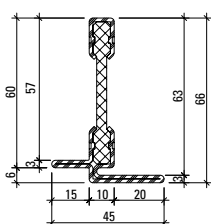


602.630 Z

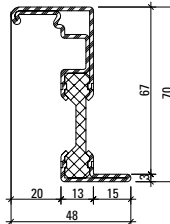
Profiles with lips, 20 mm
(turn/tilt window frame)



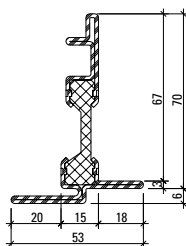
605.630 Z



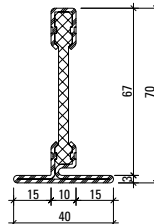
602.631 Z



610.900 Z

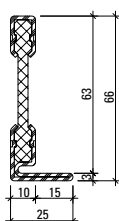


610.901 Z

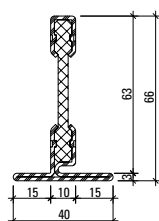


602.611.7 Z

Profile mit Lappen 15 mm
(Festverglasungen)

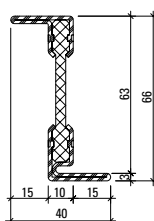


601.612 Z



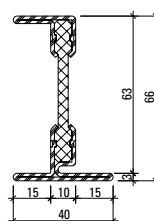
602.613 Z

Profilés avec battue 15 mm
(Vitrages fixes)



603.612 Z
603.612.01
603.612.09

Profiles with lips 15 mm
(Fixed glazings)



605.612 Z

Werkstoffe

Artikel-Nr.

mit Z = bandverzinkter Stahl

Edelstahl = auf Anfrage

Corten = auf Anfrage

Matériaux

No. d'article

avec Z = bande d'acier zinguée

Acier Inox = sur demande

Corten = sur demande

Materials

Part no.

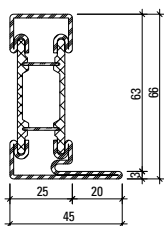
with Z = strip galvanised steel

Stainless steel = on request

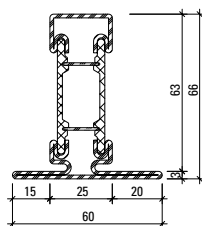
Corten = on request

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

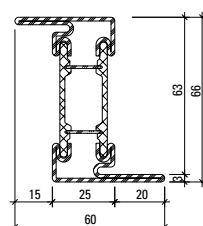
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.612 Z	2,159	9,23	2,12	0,83	0,48	0,204
602.613 Z	2,497	10,41	2,20	1,71	0,85	0,233
603.612 Z	2,502	13,98	3,87	1,71	0,85	0,234
605.612 Z	2,840	16,21	4,02	2,35	1,07	0,262
610.900 Z	3,048					0,272
610.901 Z	3,410					0,298



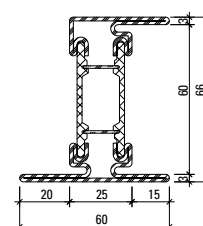
601.632 Z



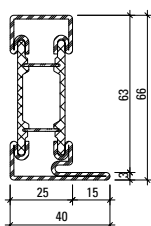
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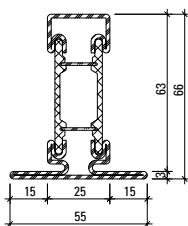
603.632 Z



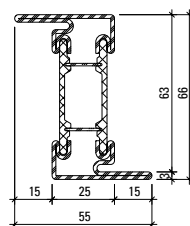
605.632 Z



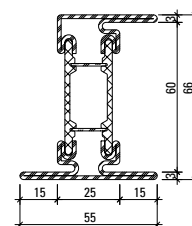
601.645 Z



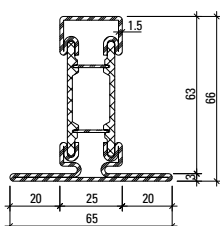
602.645 Z



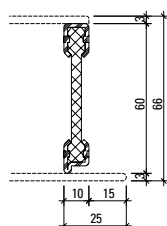
603.645 Z



605.645 Z



602.633 Z



600.612 Z

Werkstoffe

Artikel-Nr.

mit Z = bandverzinkter Stahl

Matériaux

No. d'article

avec Z = bande d'acier zinguée

Materials

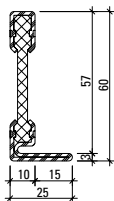
Part no.

with Z = strip galvanised steel

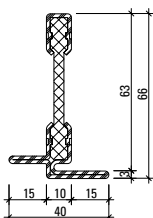
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.632 Z	3,217	16,98	4,21	4,70	1,67	0,249
601.645 Z	3,100	16,29	4,16	3,70	1,52	0,239
602.632 Z	3,701	19,13	4,34	7,15	2,28	0,290
602.645 Z	3,584	18,63	4,31	5,88	2,14	0,280
603.632 Z	3,700	22,63	6,61	7,16	2,28	0,290

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

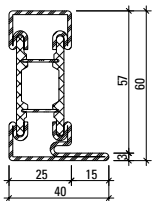
Profile Janisol Arte 2.0
(Lappen 15 mm)



601.611 Z
601.611.01
601.611.09

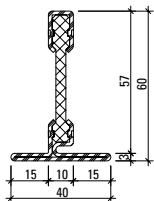


602.612 Z
602.612.01
602.612.09

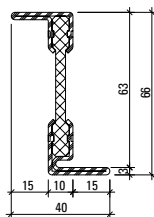


601.615 Z
601.615.09

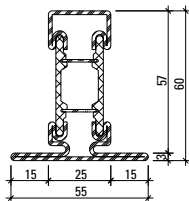
Profilés Janisol Arte 2.0
(Lappen 15 mm)



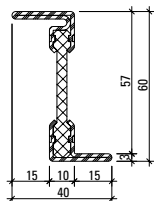
602.611 Z
602.611.01
602.611.09



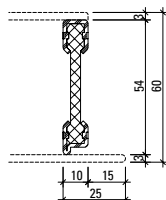
603.612 Z
603.612.01
603.612.09



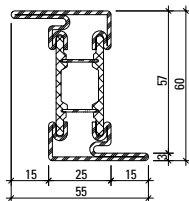
602.615 Z
602.615.01
602.615.09



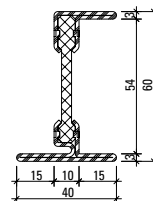
603.611 Z
603.611.01
603.611.09



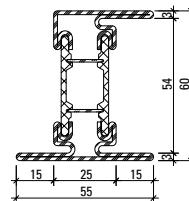
600.609 Z



603.615 Z
603.615.09



605.611 Z
605.611.01
605.611.09



605.615 Z
605.615.09

Artikelbibliothek
Bibliothèque des articles
Article library

DXF

DWG

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

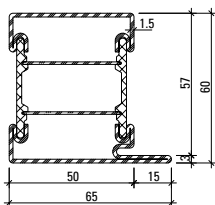
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.611 Z	1,930	7,31	1,85	0,78	0,46	0,192
602.611 Z	2,269	11,85	2,35	1,68	0,84	0,241
603.611 Z	2,273	11,13	3,47	1,68	0,84	0,222
605.611 Z	2,612	13,04	3,60	2,31	1,05	0,251
602.612 Z	2,491	9,75	2,11	1,71	0,85	0,232
603.612 Z	2,502	13,98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

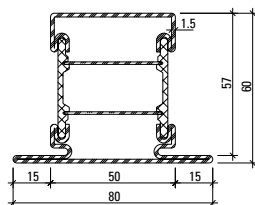
Profile Janisol Arte 2.0
(Lappen 15 mm)

Profilés Janisol Arte 2.0
(Lappen 15 mm)

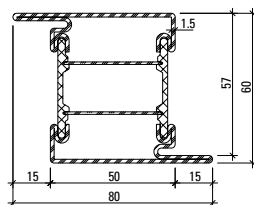
Profiles Janisol Arte 2.0
(Lappen 15 mm)



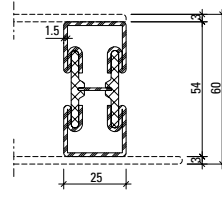
601.616 Z



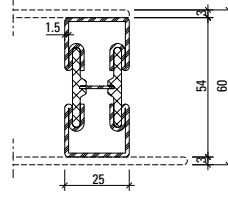
602.616 Z



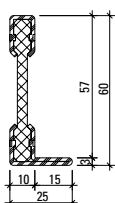
603.616 Z



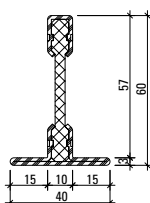
600.008 Z



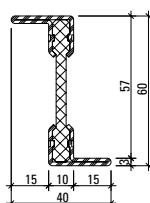
600.008 Z



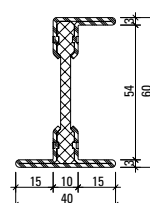
601.610
601.610 Z
601.610.01
601.610.09



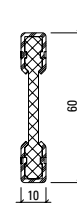
602.610
602.610 Z
602.610.01
602.610.09



603.610
603.610 Z
603.610.01
603.610.09



605.610
605.610 Z
605.610.01
605.610.09



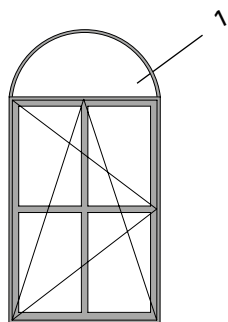
600.610 Z

Werkstoffe	Matériaux	Materials
Artikel-Nr.	No. d'article	Part no.
ohne Zusatz = blank	sans supplément = brut	without addition = bright
mit Z = bandverzinkter Stahl	avec Z = bande d'acier zinguée	with Z = strip galvanised steel
mit 01 = Edelstahl, blank, Werkstoff 1.4401 (AISI 316)	avec 01 = acier Inox, brut, matériau 1.4401 (AISI 316)	with 01 = stainless steel, bright, material 1.4401 (AISI 316)
mit 09 = Stahl KB DOCOL 355W (Corten)	avec 09 = acier KB DOCOL 355W (Corten)	with 09 = steel KB DOCOL 355W (Corten)

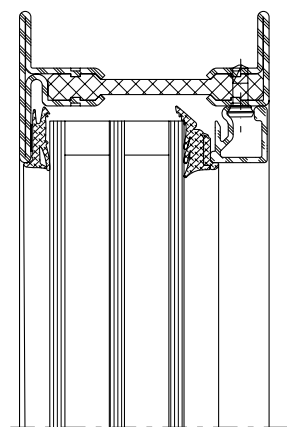
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.616 Z	3,746	17,89	5,20	16,30	4,60	0,295
602.616 Z	4,239	20,08	5,33	22,41	5,60	0,318
603.616 Z	4,219	22,02	7,34	22,38	5,59	0,318
601.610	1,875	6,90	1,84	0,75	0,45	0,180
602.610	2,224	8,14	1,95	1,68	0,84	0,208
603.610	2,218	10,30	3,43	1,68	0,84	0,210
605.610	2,530	12,49	3,58	2,31	1,04	0,232
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
601.610.01	= 1,906 kg/m
602.610.01	= 2,263 kg/m
603.610.01	= 2,258 kg/m
605.610.01	= 2,608 kg/m



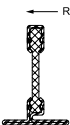
1.0



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



601.612 450 mm



602.613 450 mm

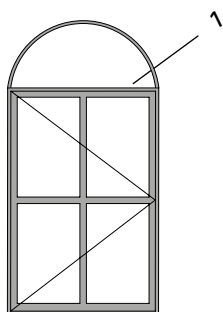
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
------------------------------	---



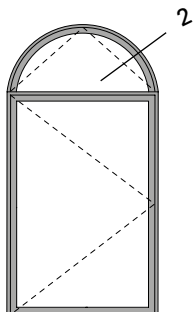
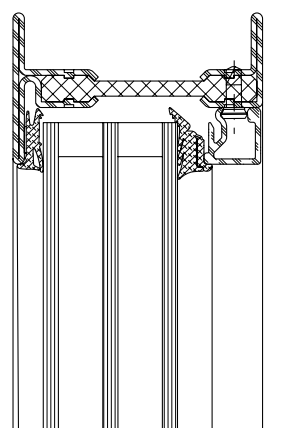
603.612 450 mm
603.612.09 450 mm



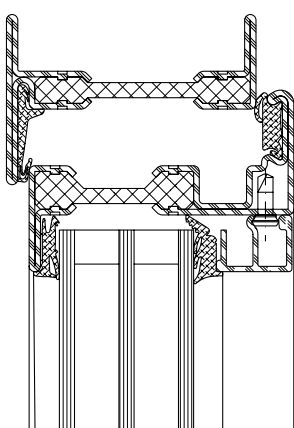
605.612 450 mm



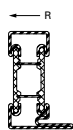
1.0



2.0

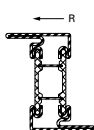


Profil	Min. Radius
Profilé	Rayon min.
Profile	Min. radius
	R



601.632 Z
 601.645 Z

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

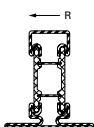


603.632 Z
 603.645 Z

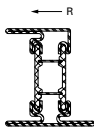
Profil	Min. Radius
Profilé	Rayon min.
Profile	Min. radius
	R



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

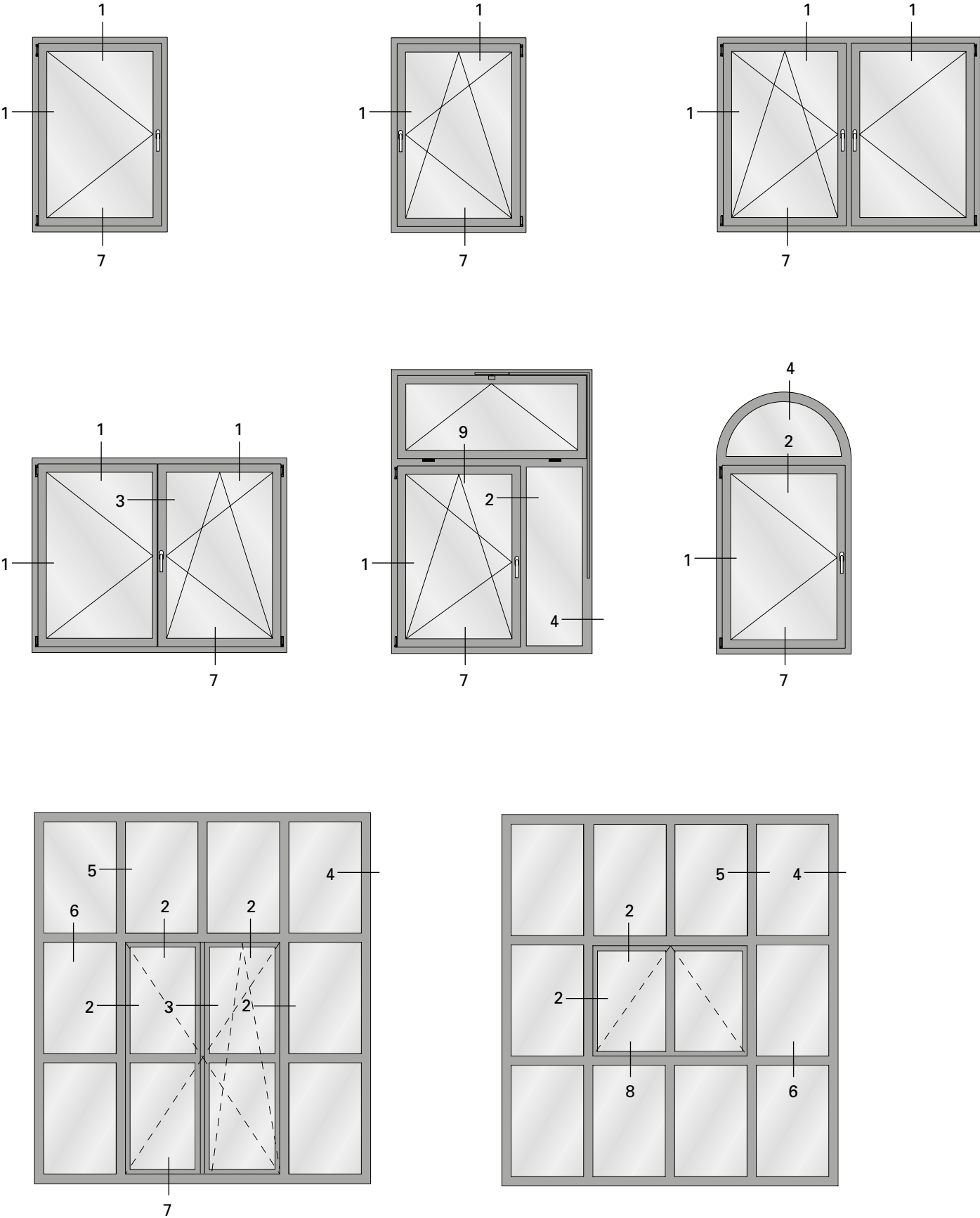


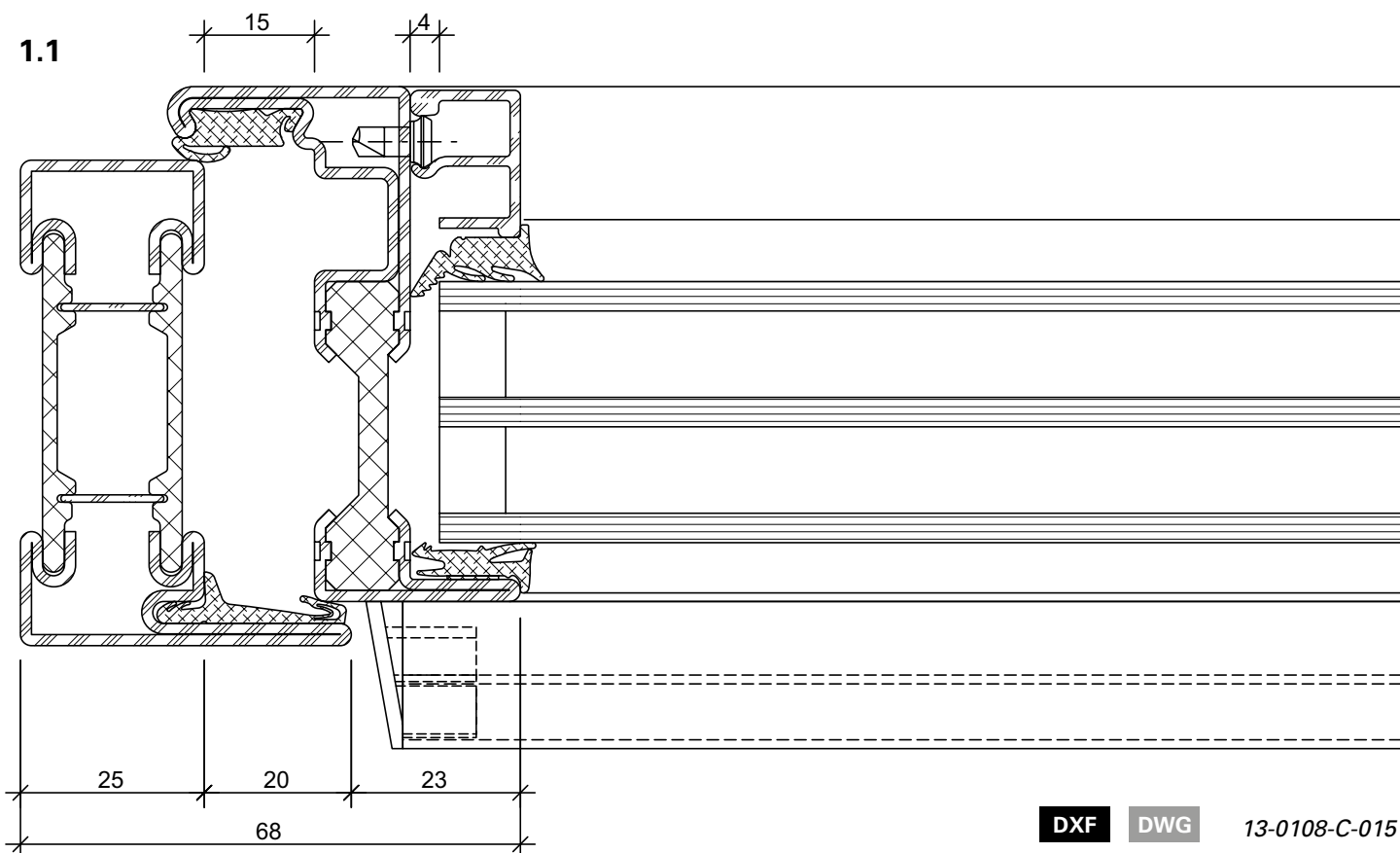
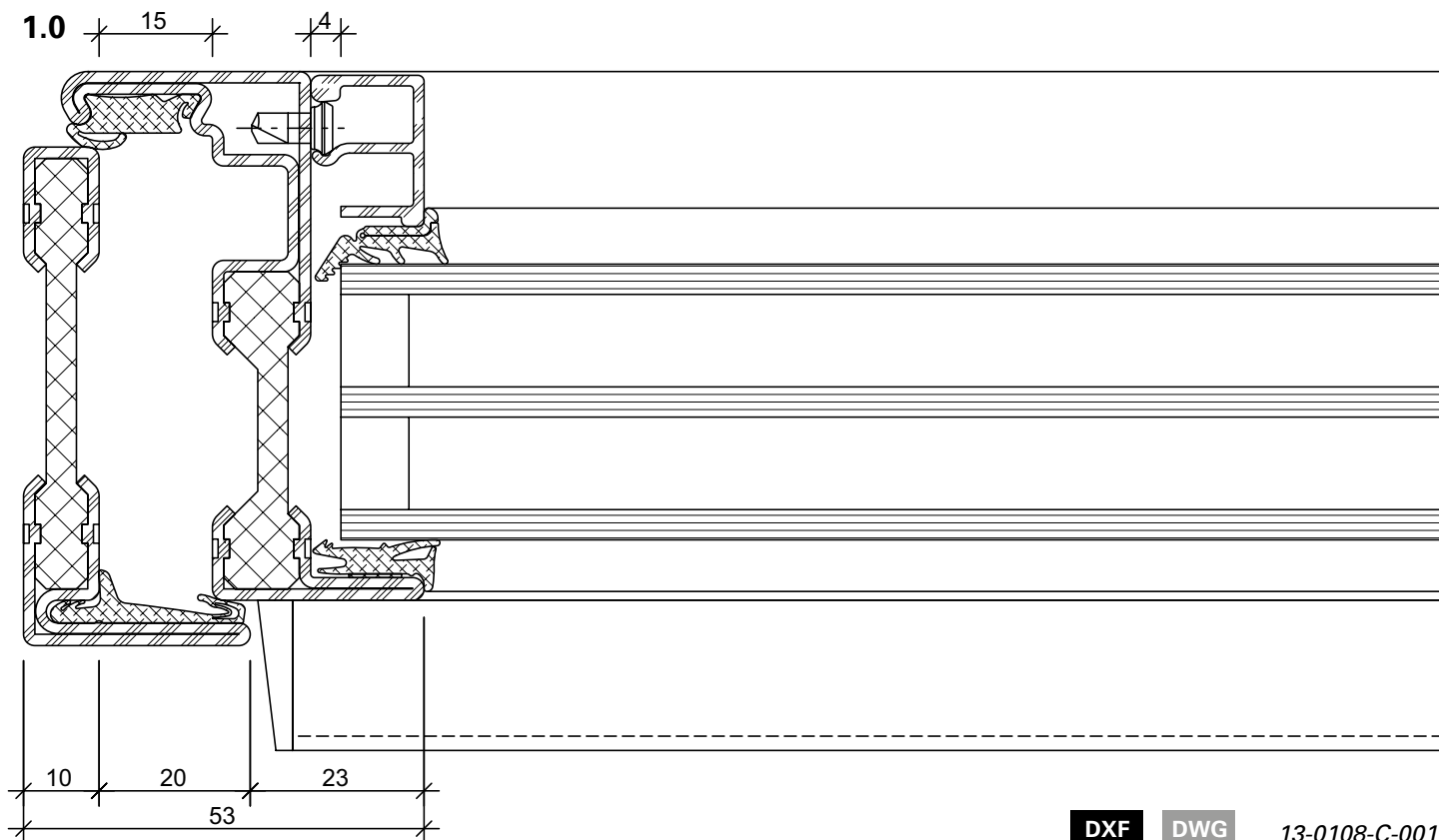
602.632 Z
 602.645 Z
 602.633 Z



605.632 Z
 605.645 Z

Biegeradien auf Anfrage!
Rayons de courbure sur demande!
Bending radii on request!

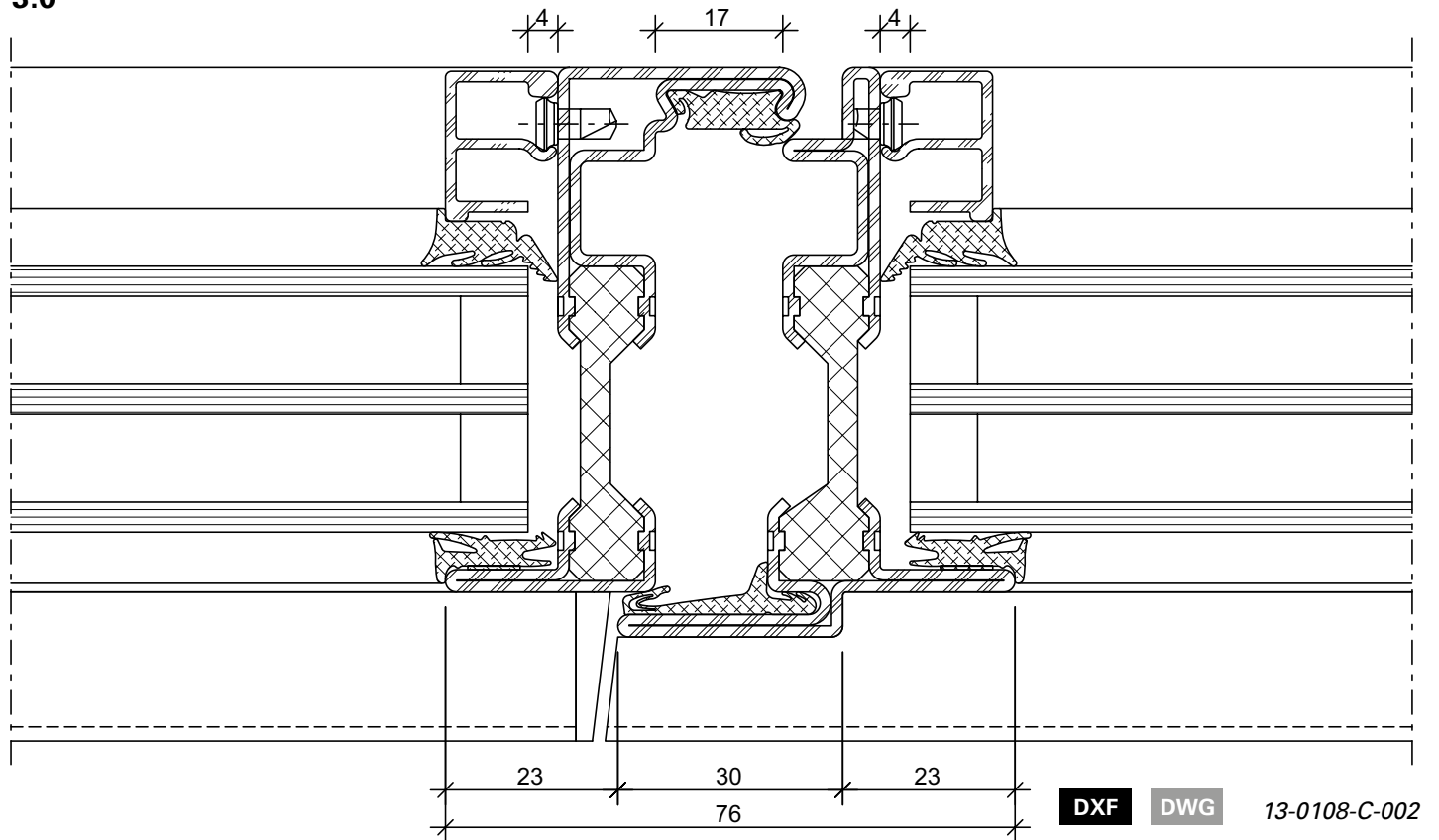




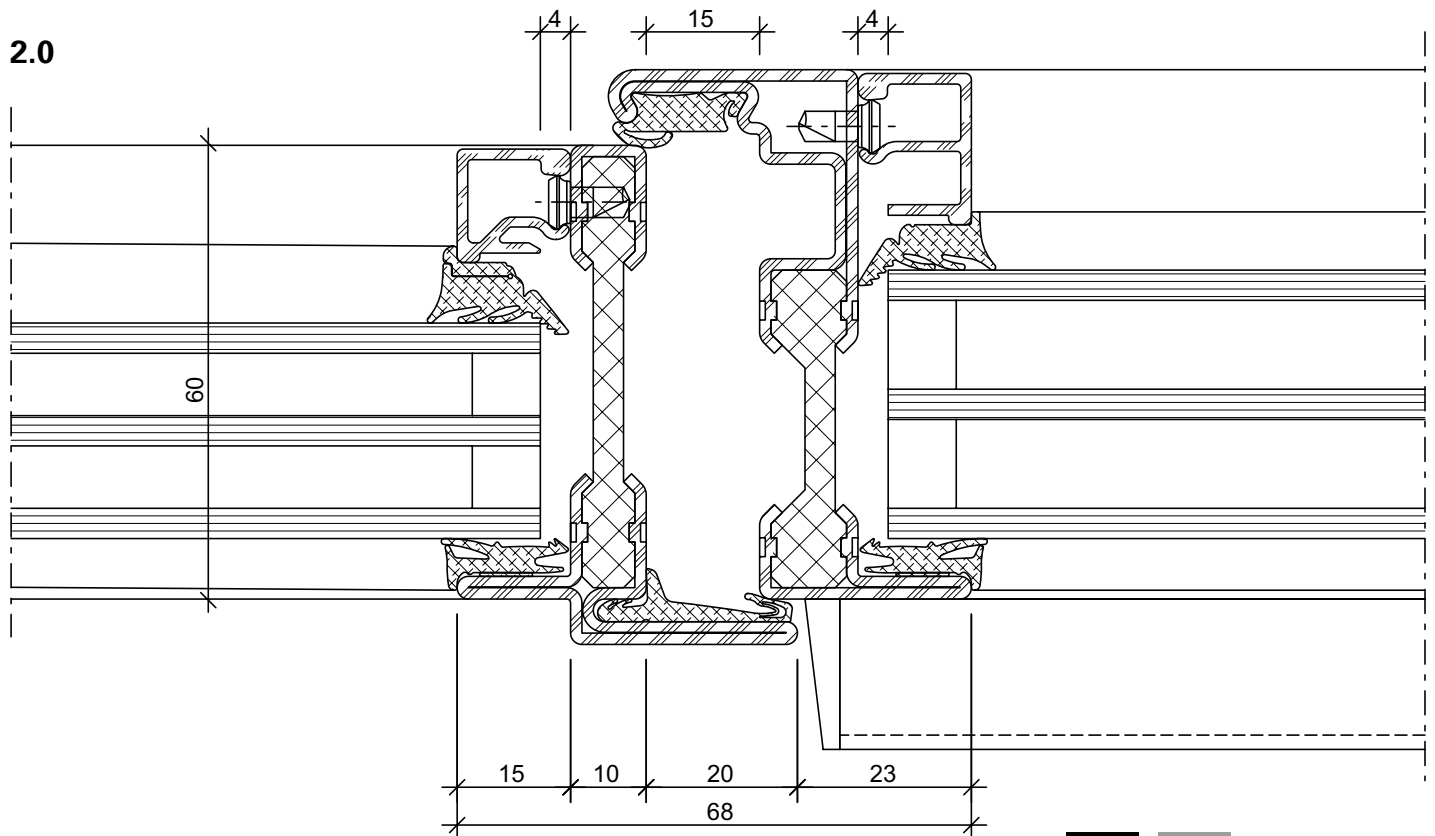
Schnittpunkte nach innen öffnend im Massstab 1:1
Coupe de détails ouvrant vers l'intérieur à l'échelle 1:1
Section details opening inwards on scale 1:1

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

3.0



2.0

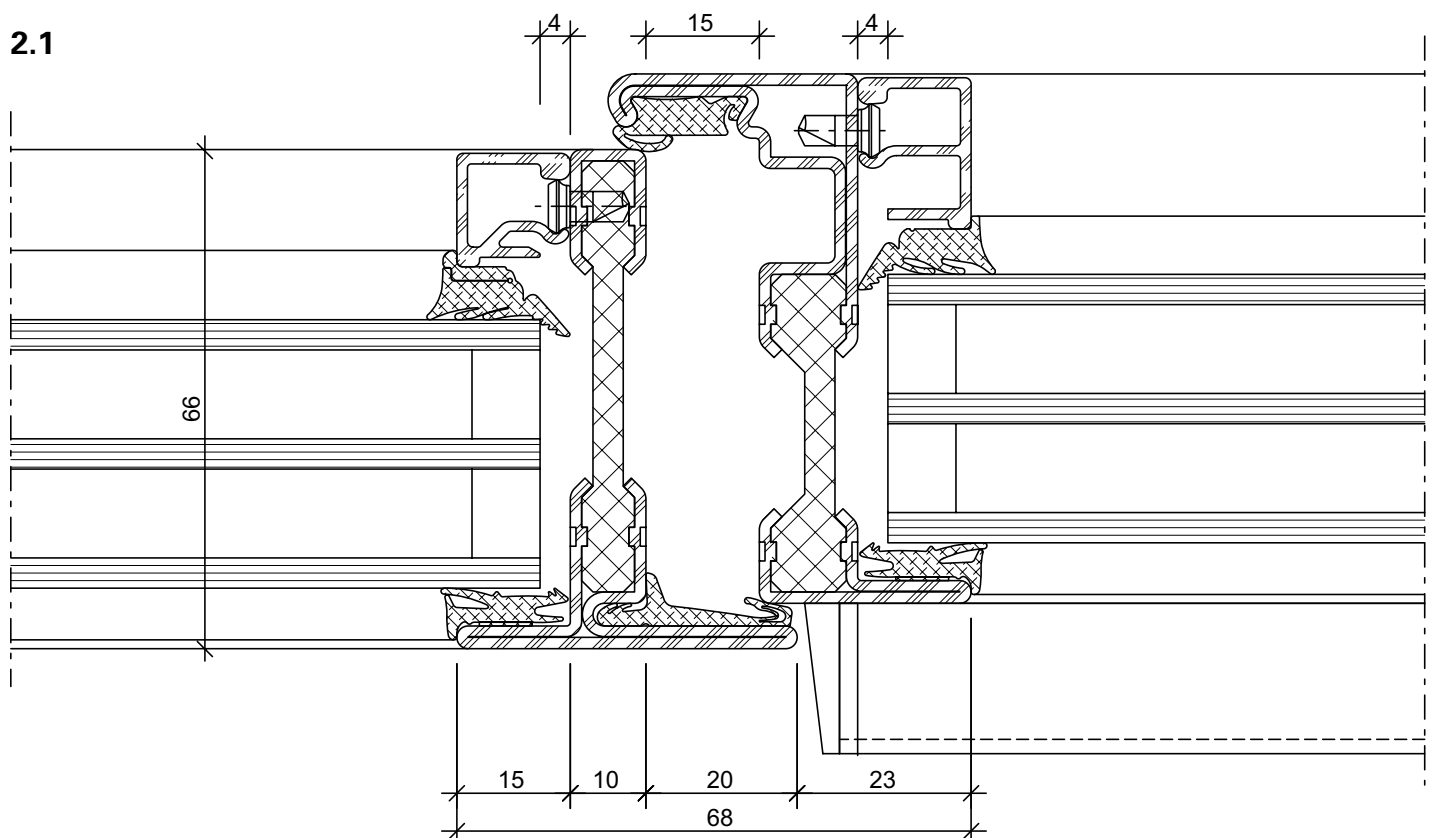


DXF

DWG

13-0108-C-003

2.1

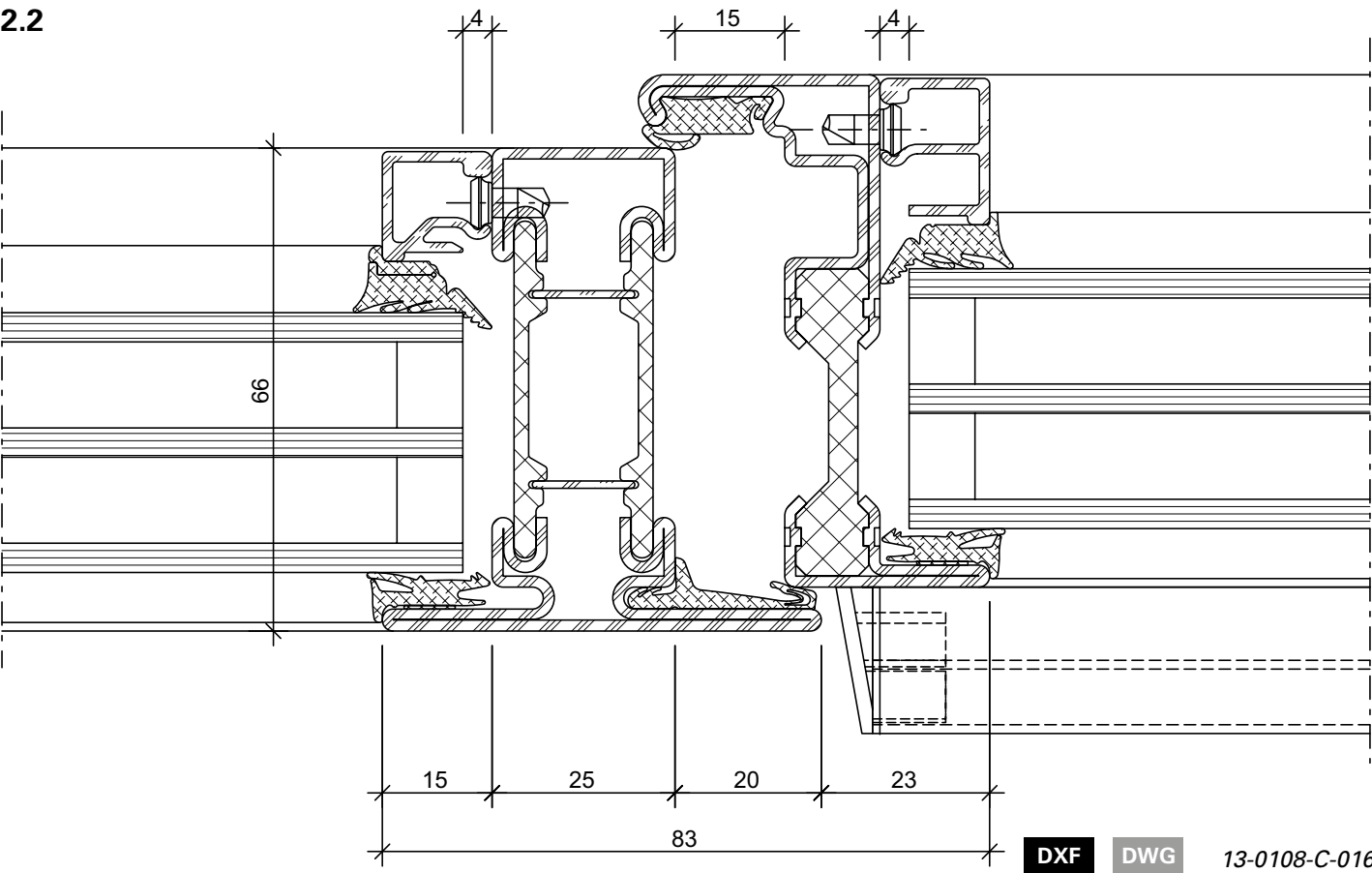


DXF

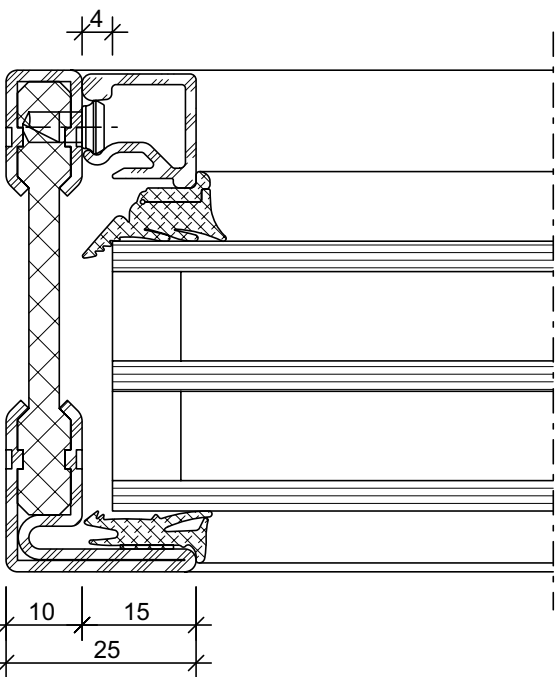
DWG

13-0108-C-004

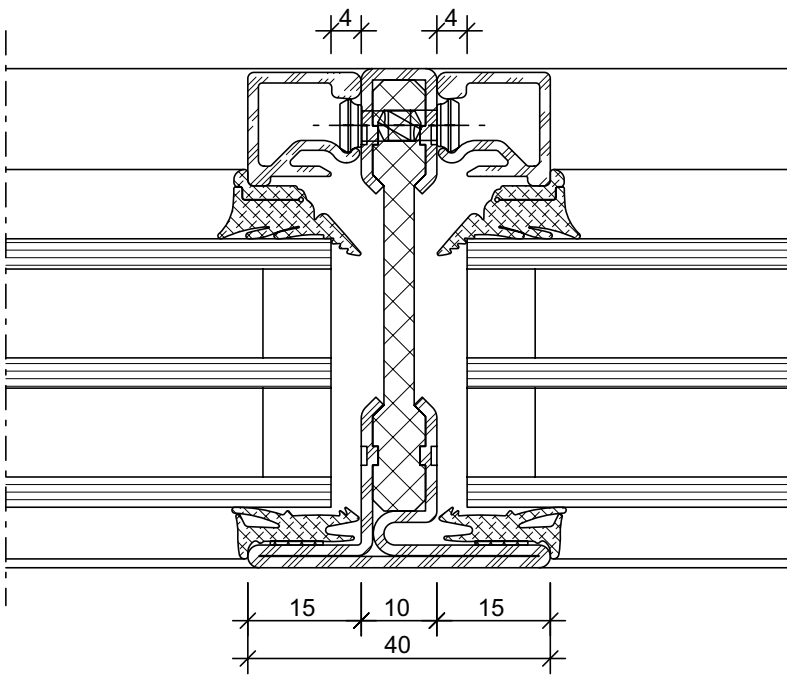
2.2



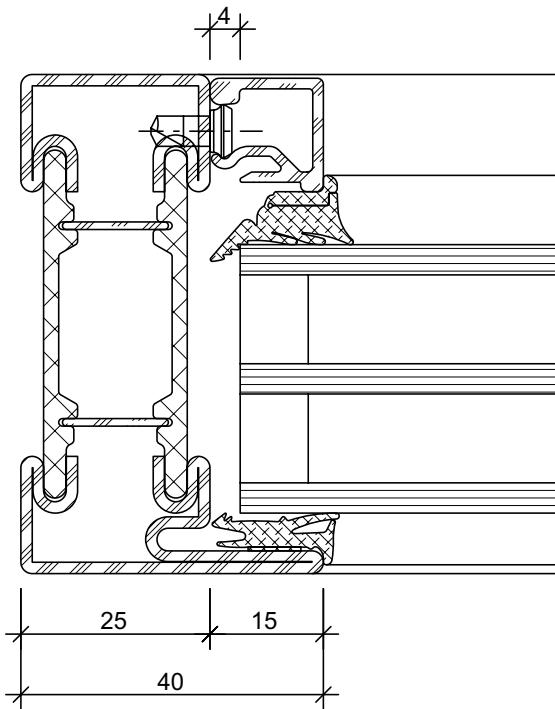
4.0



5.0



4.1

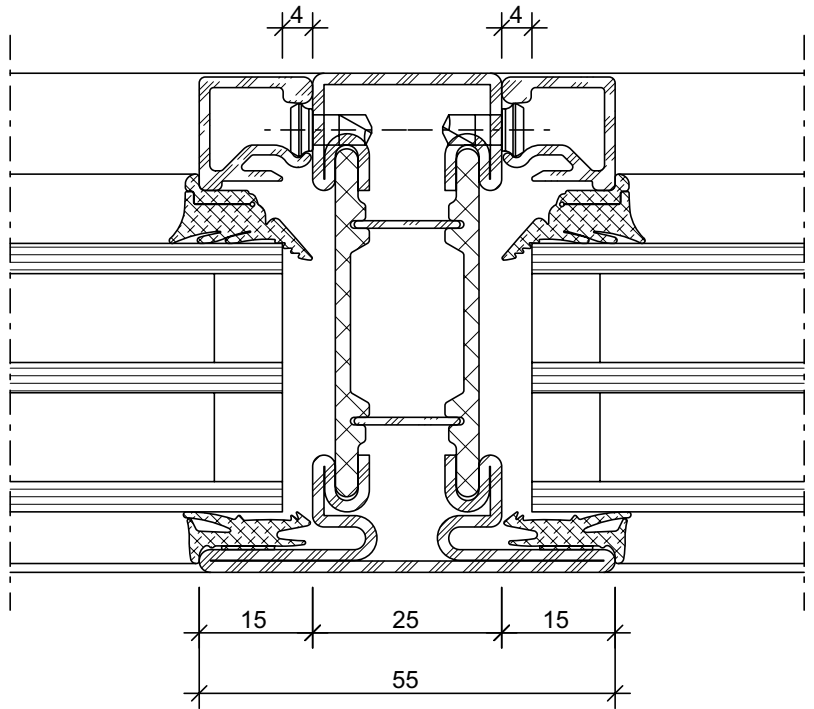


DXF

DWG

13-0108-C-017

5.1

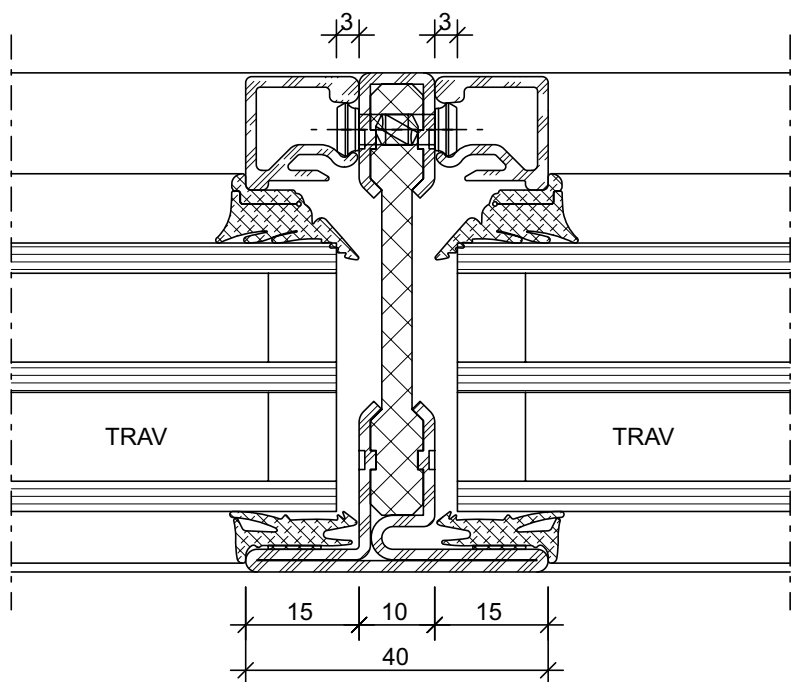


DXF

DWG

13-0108-C-018

5.2



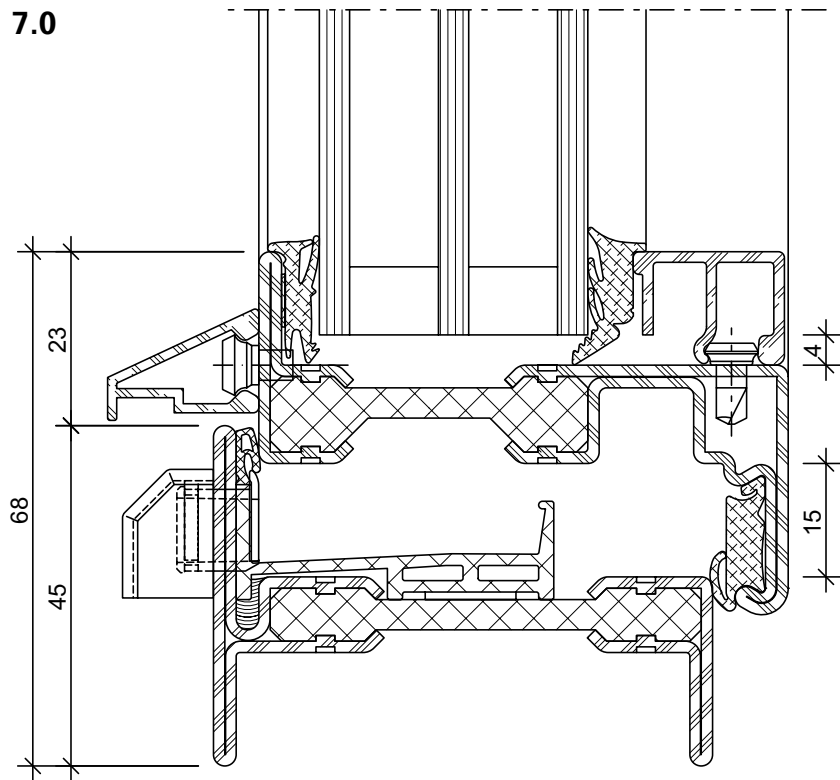
DXF

DWG

13-0108-C-014

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66

7.0

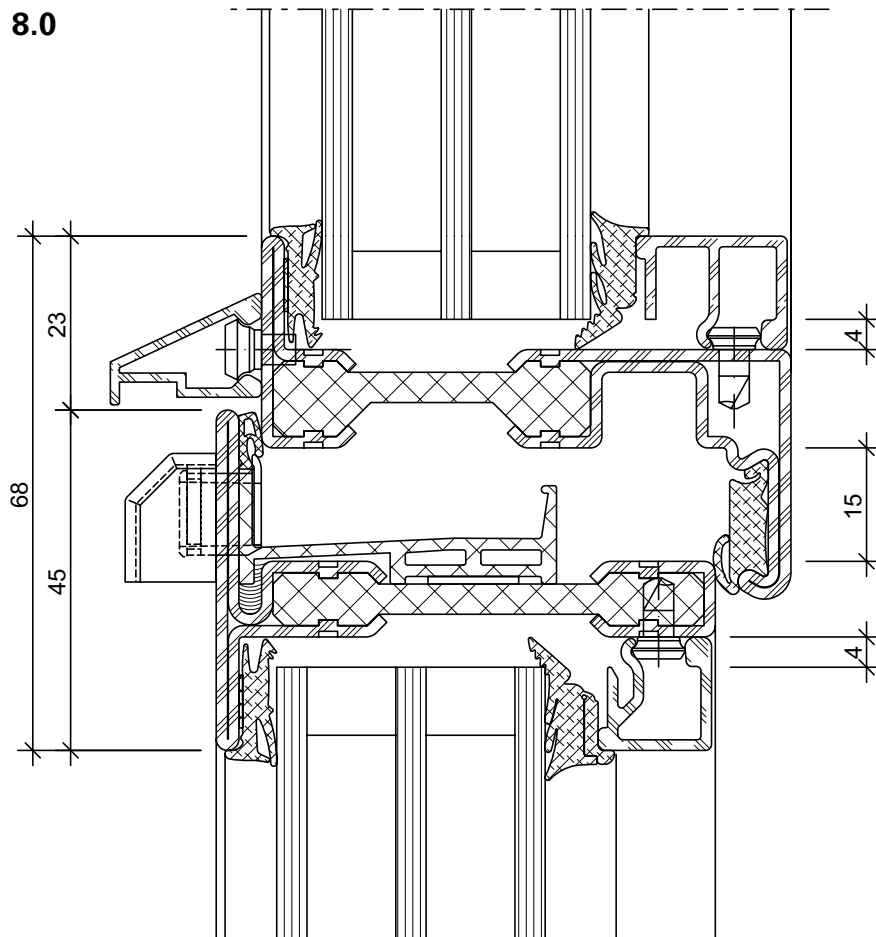


13-0108-C-010

DWG

DXF

8.0

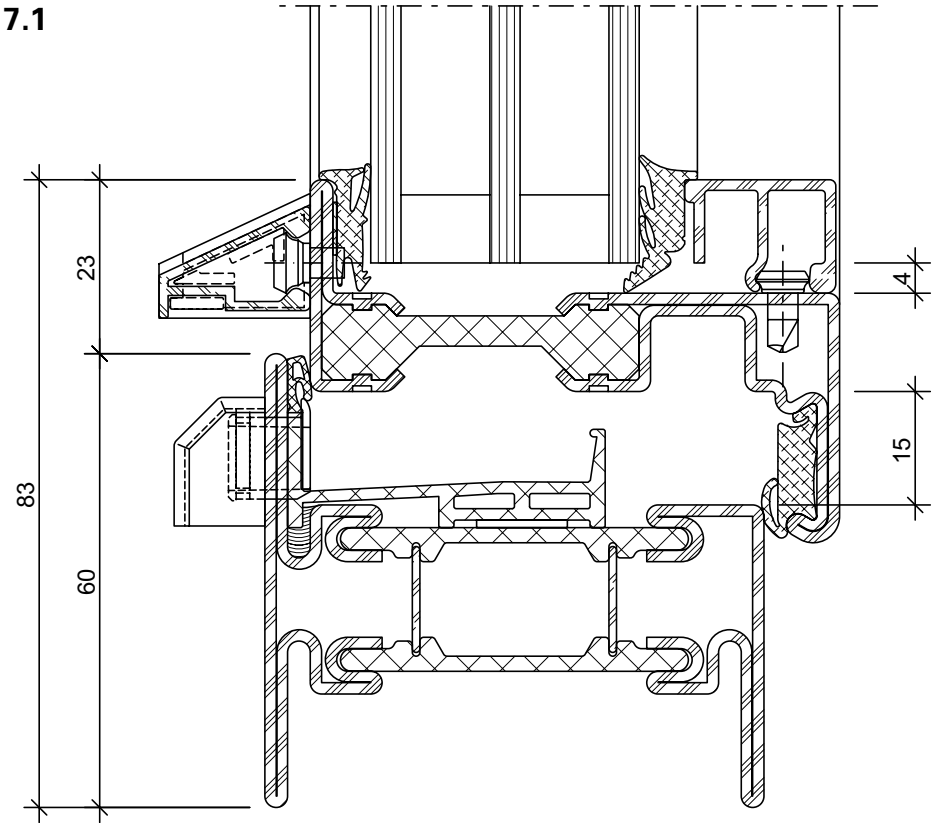


13-0108-C-013

DWG

DXF

7.1

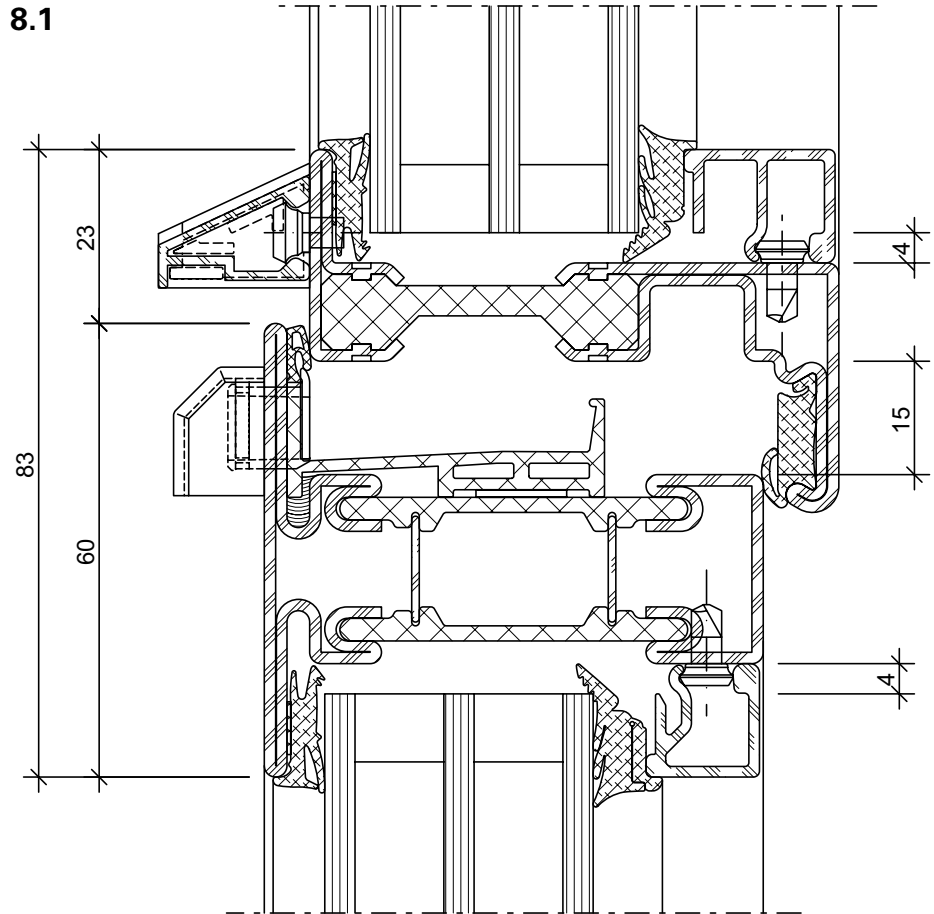


13-0108-C-019

DWG

DXF

8.1



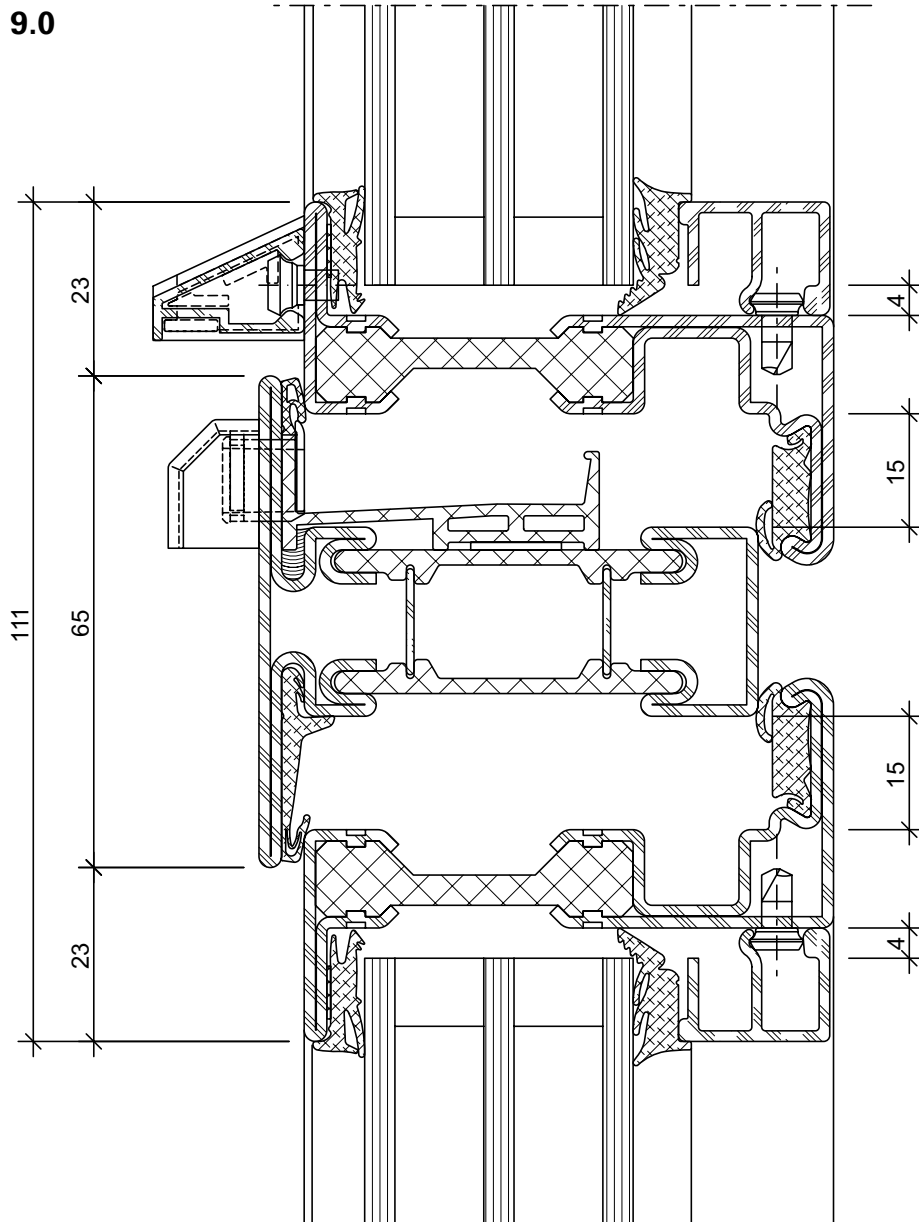
13-0108-C-021

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

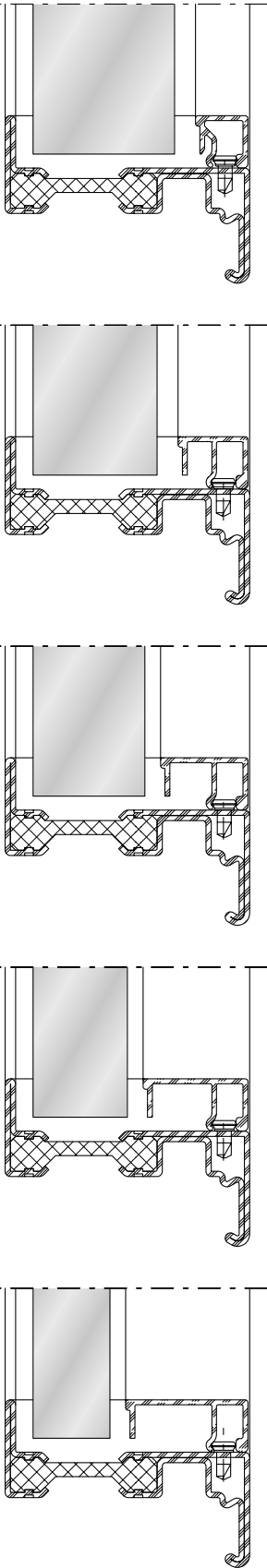


13-0108-C-020

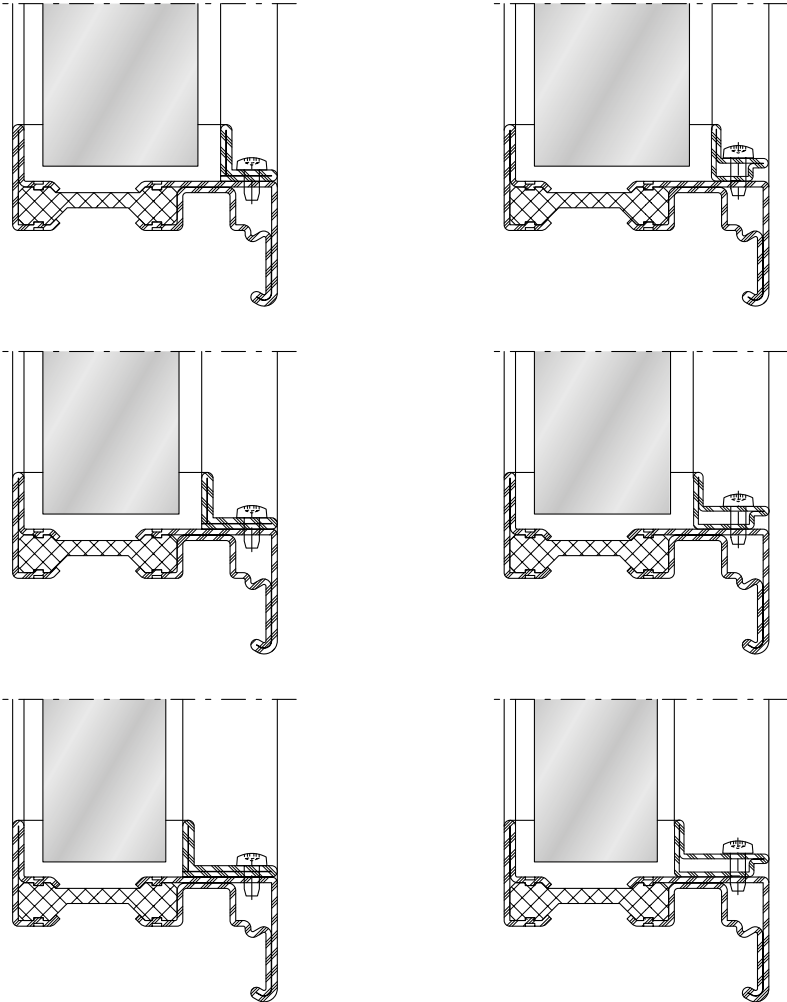
DWG

DXF

Aluminium



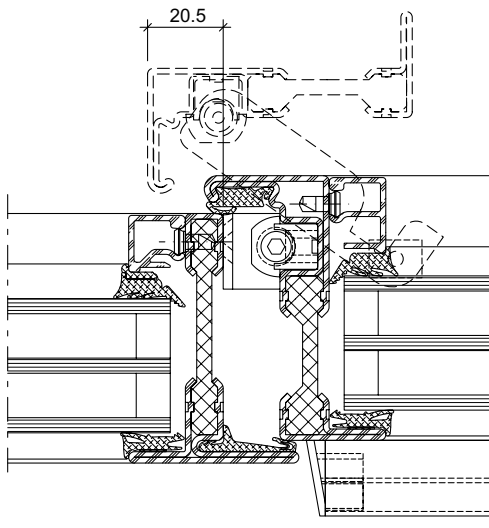
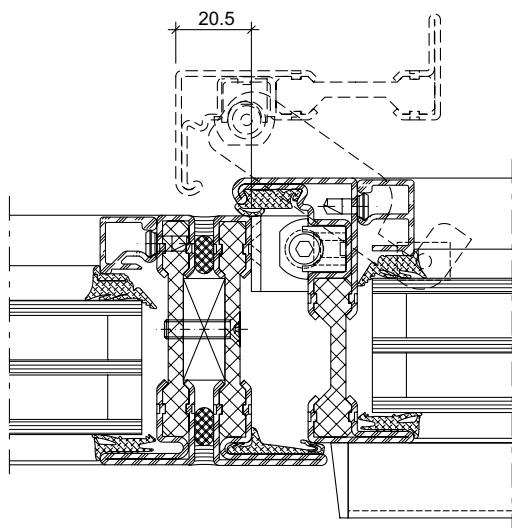
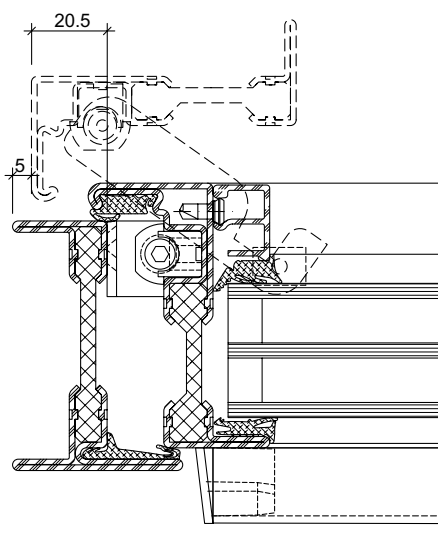
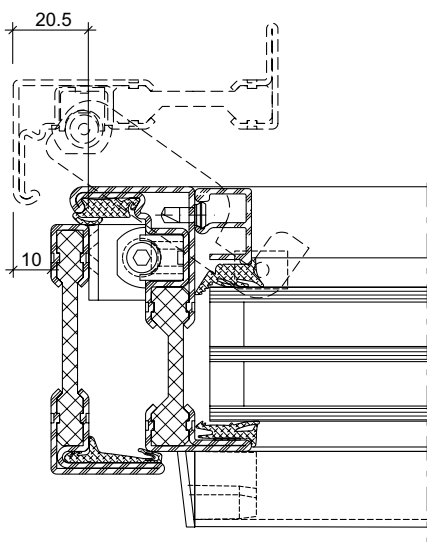
Stahl / Acier / Steel



Platzbedarf
Verdeckt liegender Fensterbeschlag

Espace nécessaire
Ferrure de fenêtre non apparente

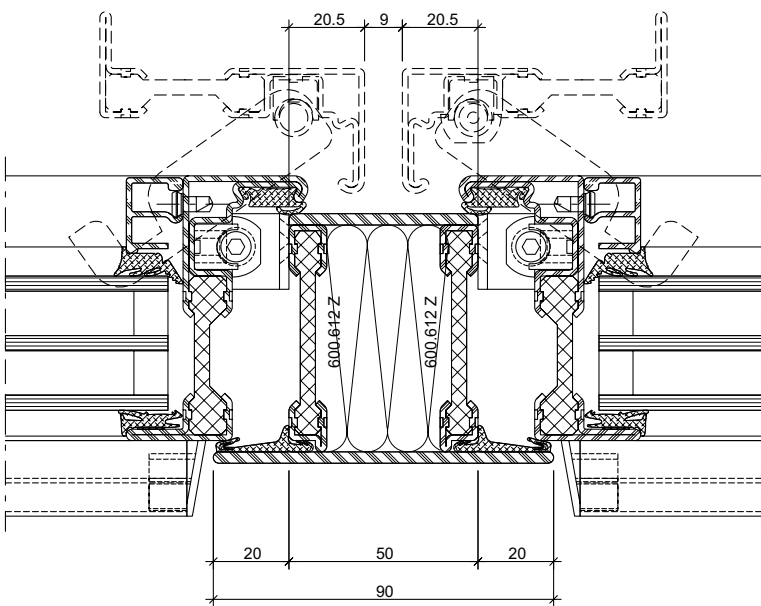
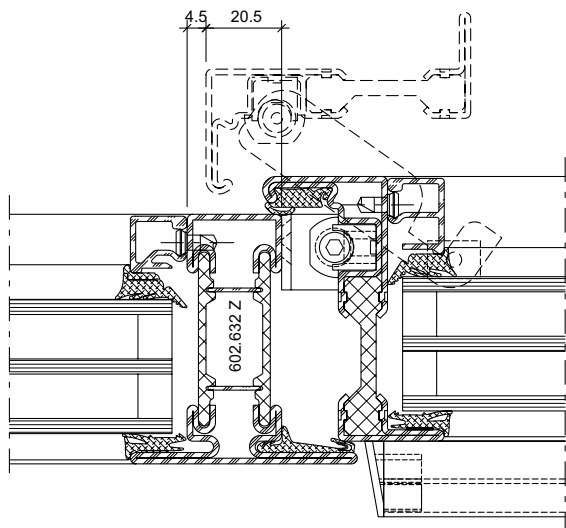
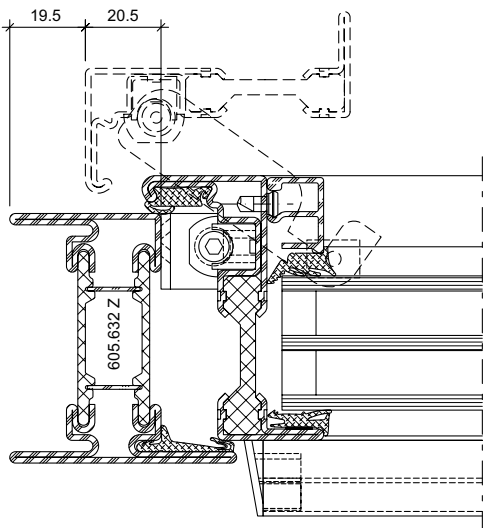
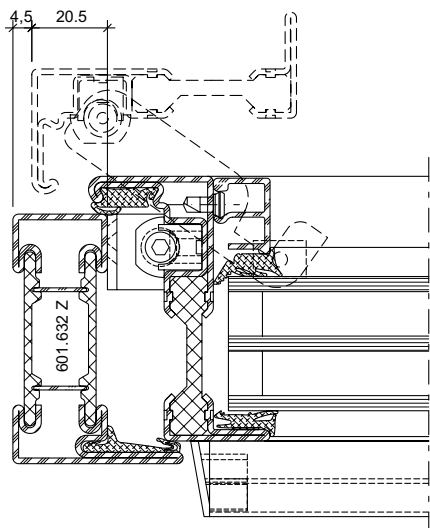
Space required
Concealed window fitting



Platzbedarf
Verdeckt liegender Fensterbeschlag

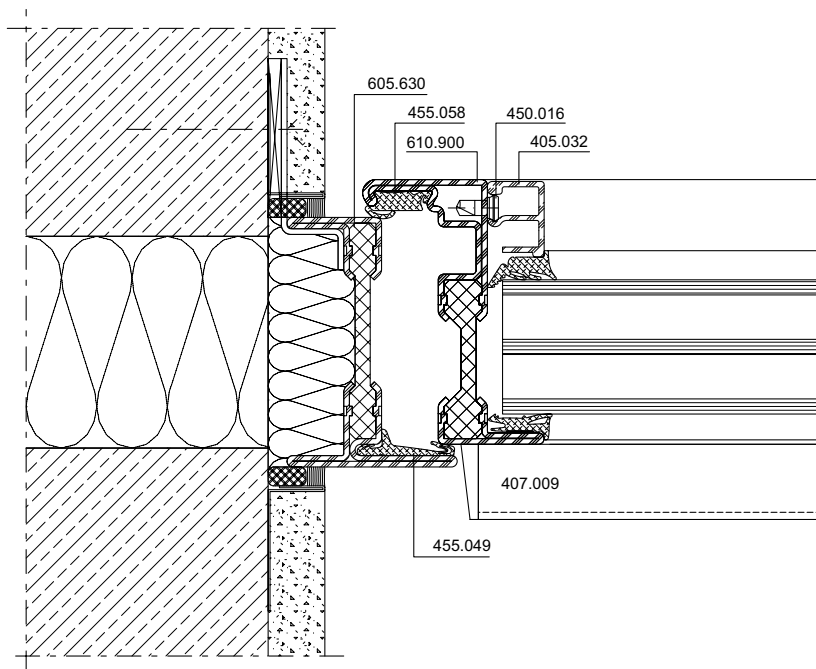
Espace nécessaire
Ferrure de fenêtre non apparente

Space required
Concealed window fitting

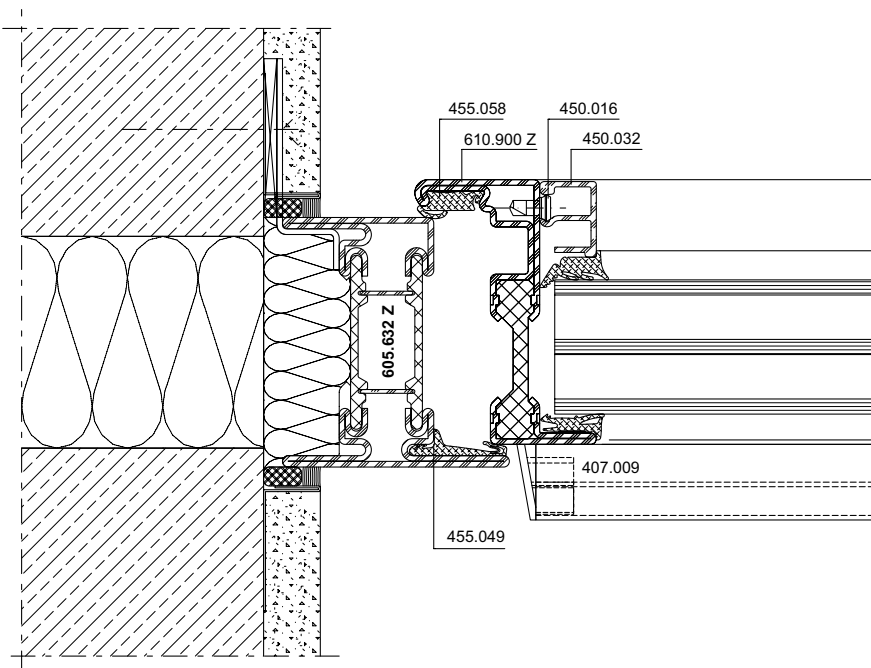


Anschlüsse am Bau im Massstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



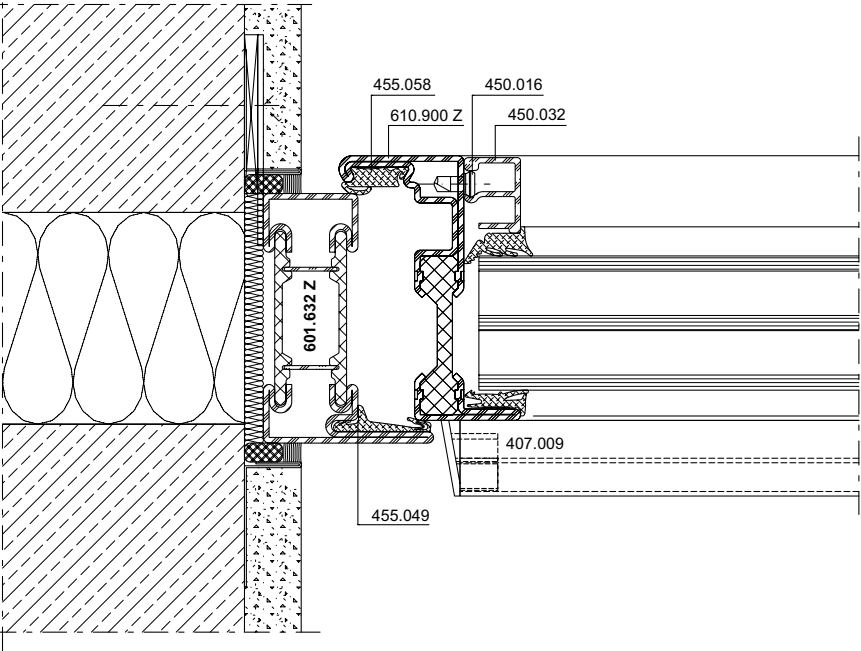
DXF **DWG** 13-0108-A-001



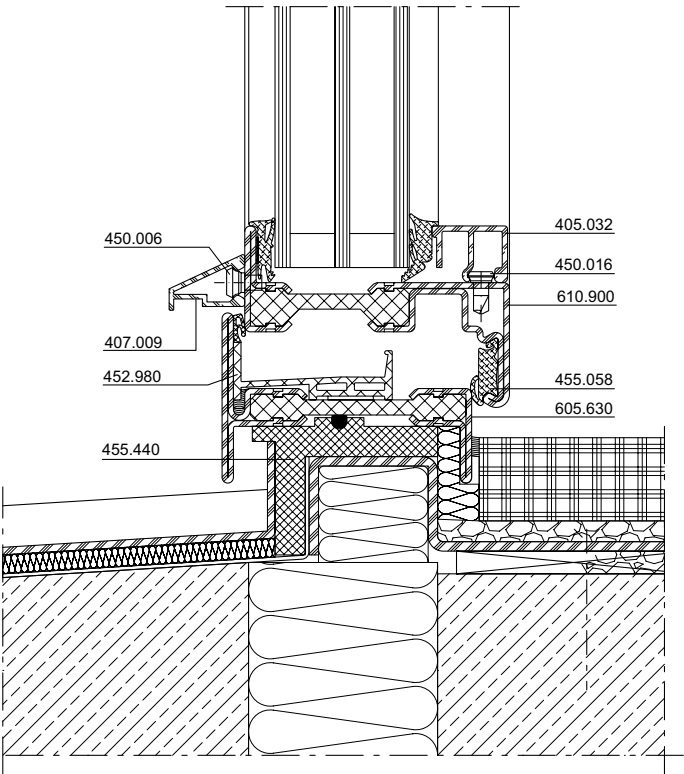
DXF **DWG** 13-0108-A-005

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

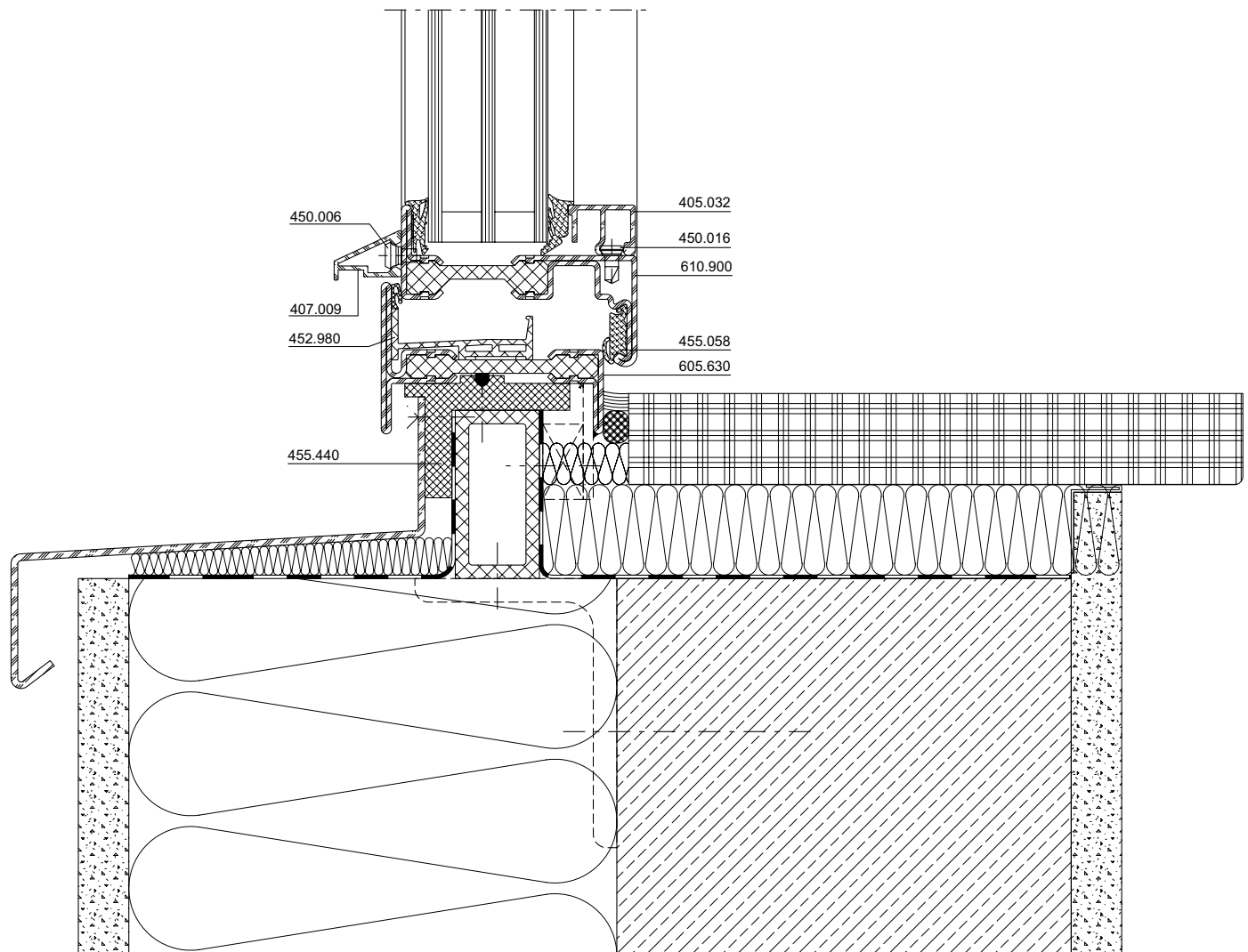
Janisol Arte 66
Janisol Arte 66
Janisol Arte 66



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



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



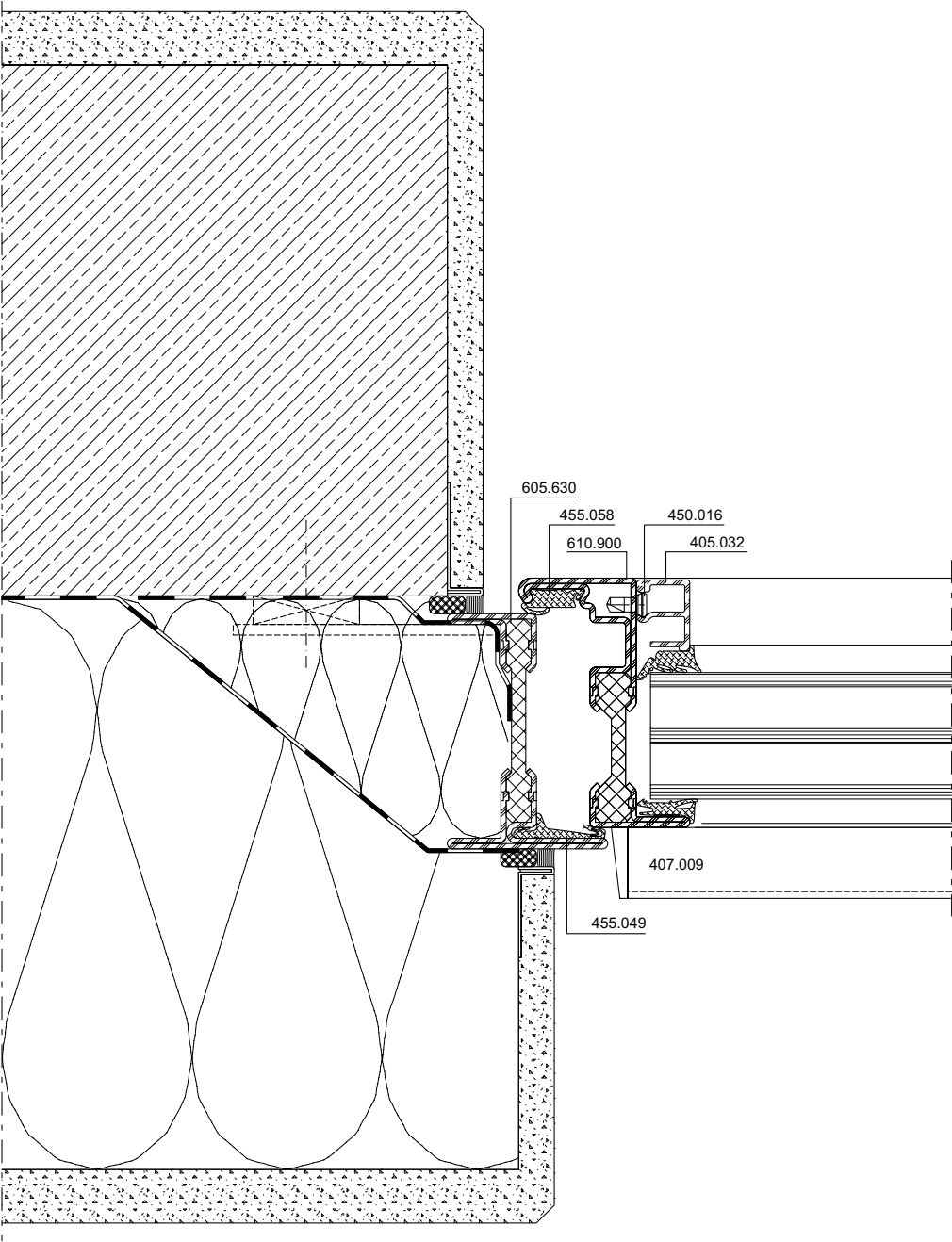
DXF

DWG

13-0108-A-003

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



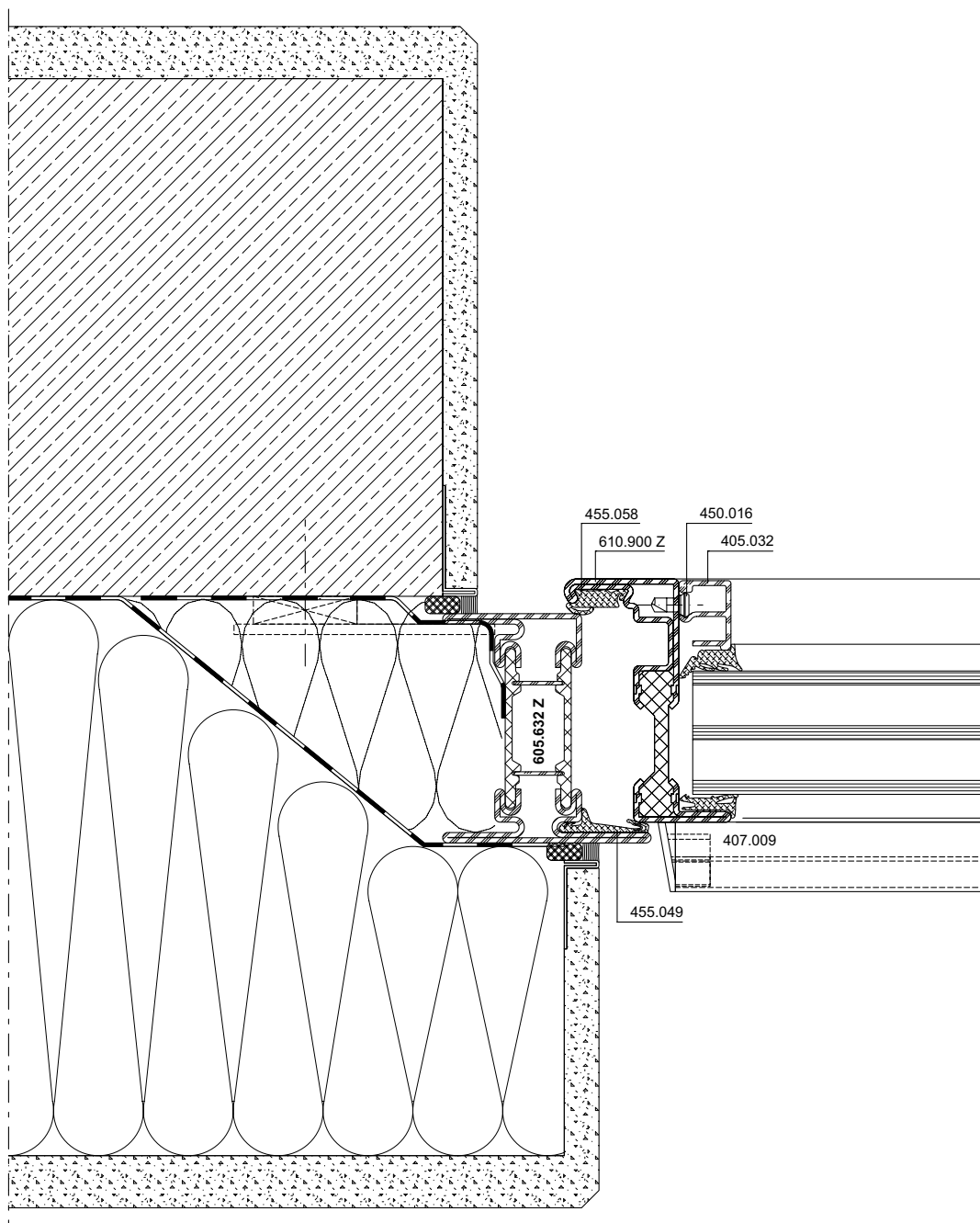
DXF

DWG

13-0108-A-004

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



DXF

DWG

13-0108-A-007

Leistungswerte

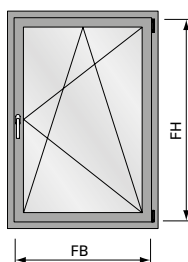
Schlagregendichtheit
 Luftdurchlässigkeit
 Widerstand bei Windlast

Caractéristiques de performances

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

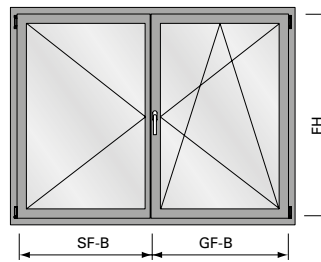
Performance values

Watertightness
 Air permeability
 Resistance to wind load



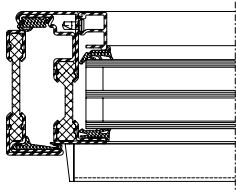
FFB = 1000 mm
 FFH = 2300 mm
 oder/ou/or
 FFB = 1400 mm
 FFH = 1650 mm

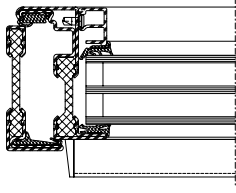
Max. Fläche:
 Surface max.:
 Max. surface:
 2,3 m²



FFB = 1000 mm
 FFH = 2300 mm
 oder/ou/or
 FFB = 1400 mm
 FFH = 1650 mm

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

	 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%

Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

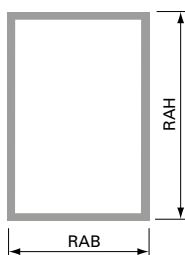
Étanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

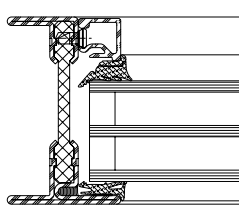
Watertightness
Air permeability
Resistance to wind load

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

**Schlagregendichtheit
 Luftdurchlässigkeit
 Widerstand bei Windlast**

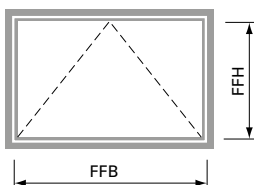
**Étanchéité à la pluie battante
 Perméabilité à l'air
 Résistance à la pression du vent**

**Watertightness
 Air permeability
 Resistance to wind load**

Kippfenster

Fenêtre à sofflet

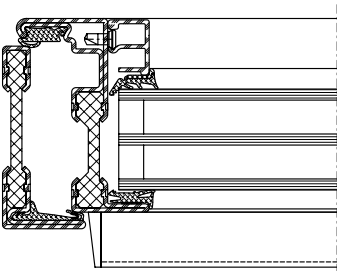
Bottom-hung window



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

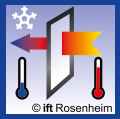
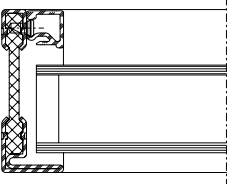
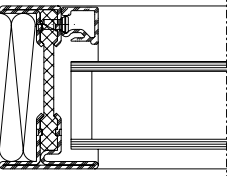
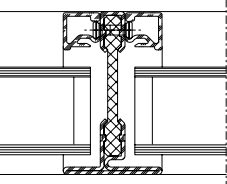
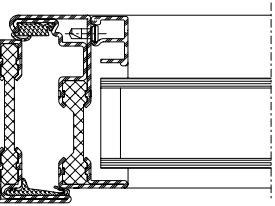
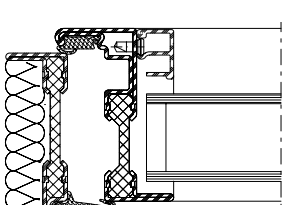
Festverglasungen und
Fenster nach innen öffnend

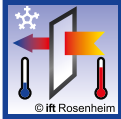
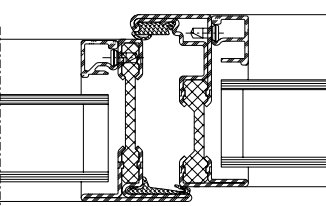
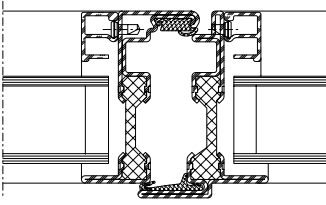
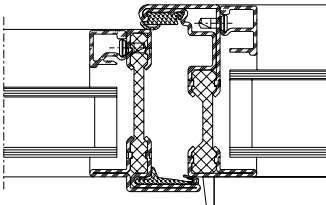
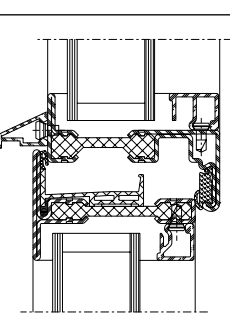
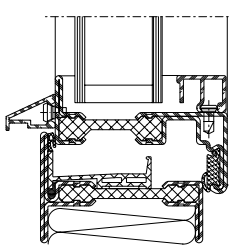
Janisol Arte acier Double verre isolant

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

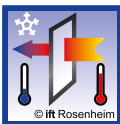
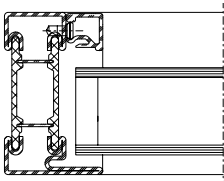
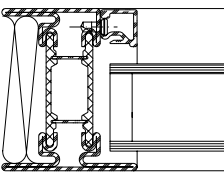
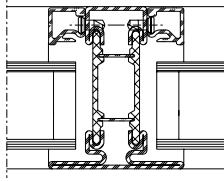
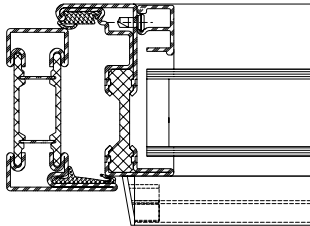
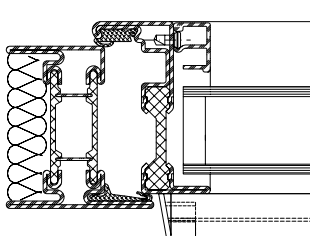
Festverglasungen und
 Fenster nach innen öffnend

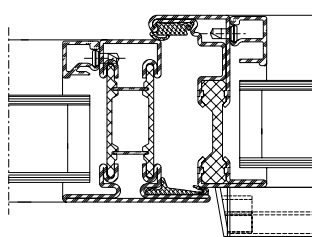
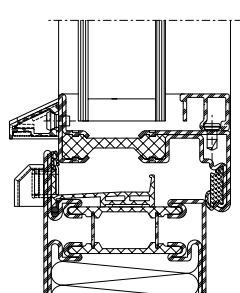
Janisol Arte acier Double verre isolant

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

Janisol Arte Stahl Dreifach-Isolierglas

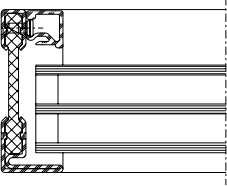
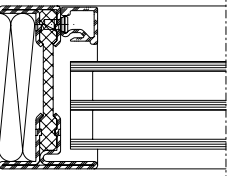
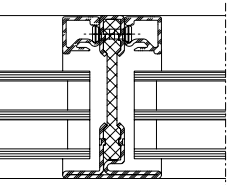
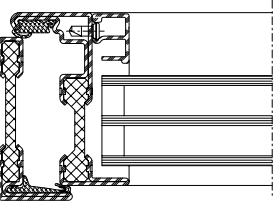
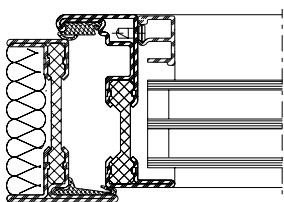
Festverglasungen und
 Fenster nach innen öffnend

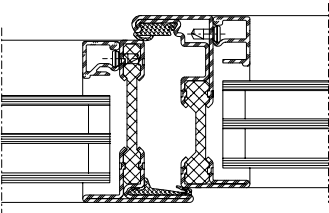
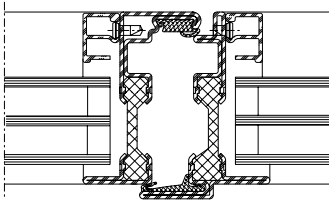
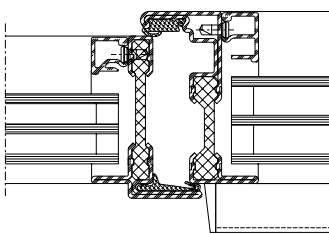
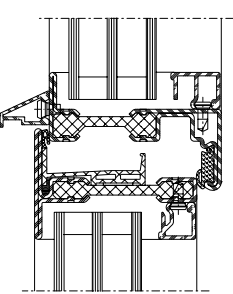
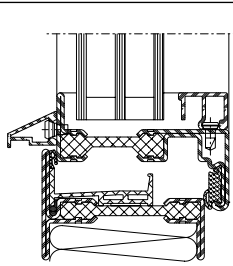
Janisol Arte acier Triple verre isolant

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
	2,4 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 Eléments de remplissages Infill elements	
	≥ 36 mm	≥ 46 mm
	3,1 W/m²K	3,0 W/m²K
	3,1 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

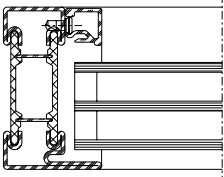
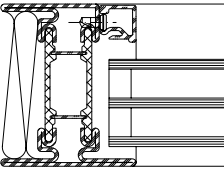
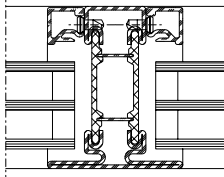
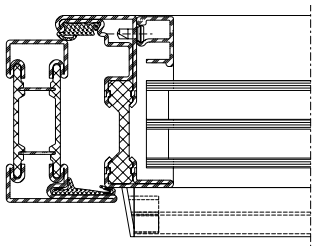
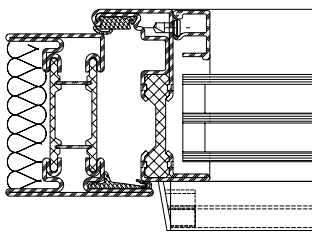
Festverglasungen und
 Fenster nach innen öffnend

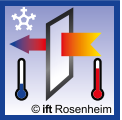
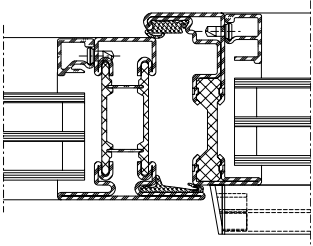
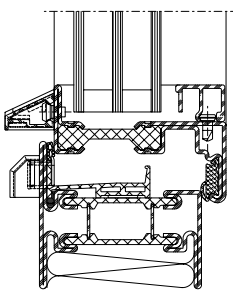
Janisol Arte acier Triple verre isolant

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

**Janisol Arte Stahl
 optimiert
 Zweifach-Isolierglas**

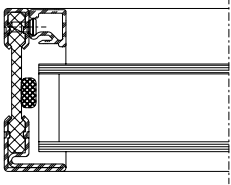
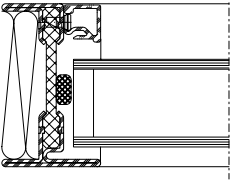
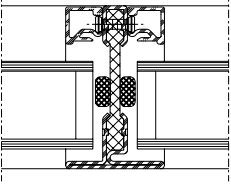
Festverglasungen und
 Fenster nach innen öffnend

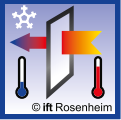
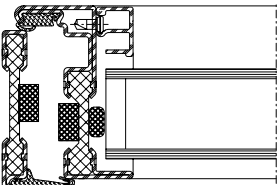
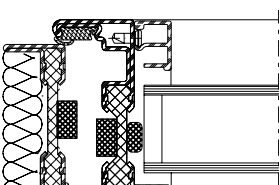
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments 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	
	1,8 W/m²K	
	2,1 W/m²K	

	Füllelementstärken Eléments 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**

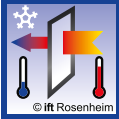
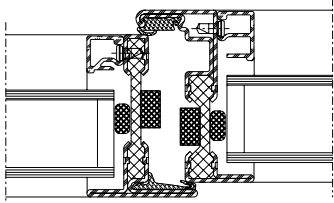
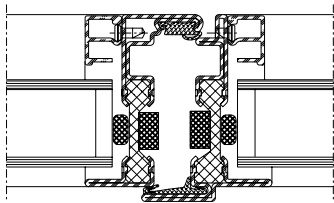
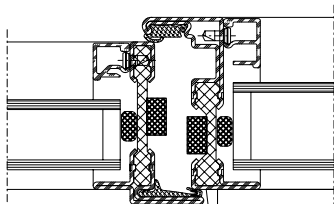
Festverglasungen und
 Fenster nach innen öffnend

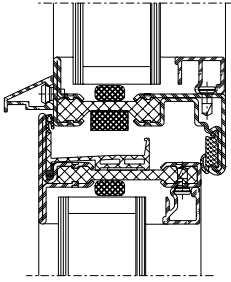
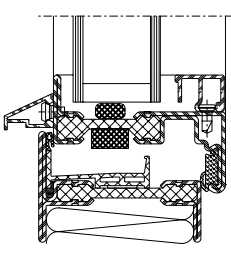
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments 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 Eléments 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**

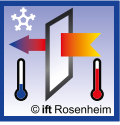
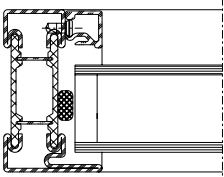
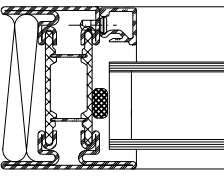
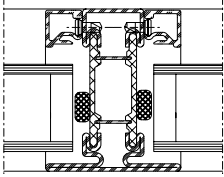
Festverglasungen und
 Fenster nach innen öffnend

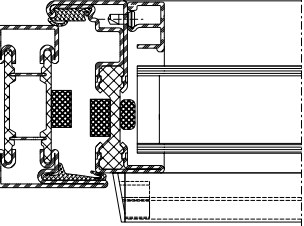
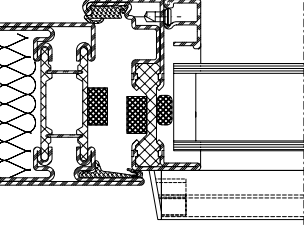
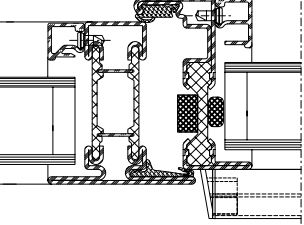
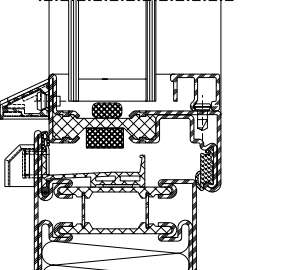
**Janisol Arte acier
 optimisé
 Double verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Double insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken Eléments 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 Eléments 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
	2,3 W/m²K	2,1 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

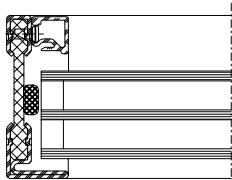
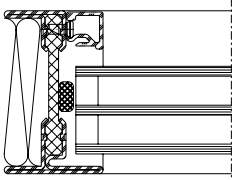
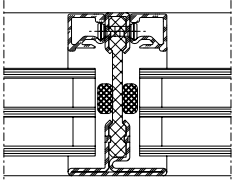
Festverglasungen und
 Fenster nach innen öffnend

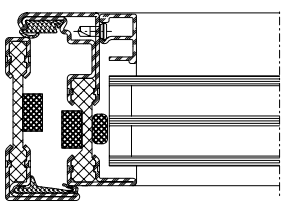
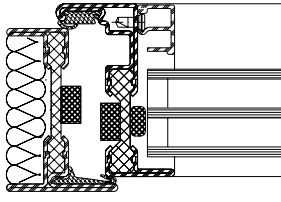
**Janisol Arte acier
 optimisé
 Triple verre isolant**

Vitrages fixes et fenêtres
 ouvrant vers l'intérieur

**Janisol Arte steel
 optimised
 Triple insulating glazing**

Fixed lights and
 windows inward opening

	Füllelementstärken 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
	2,0 W/m²K	
	1,6 W/m²K	
	1,6 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
	3,0 W/m²K	2,5 W/m²K
	2,6 W/m²K	2,2 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

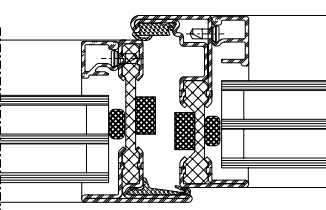
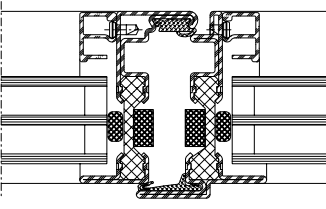
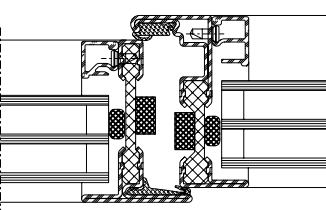
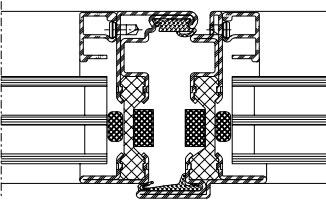
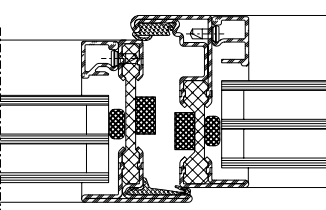
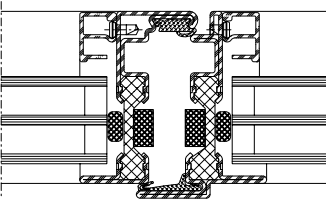
Festverglasungen und
 Fenster nach innen öffnend

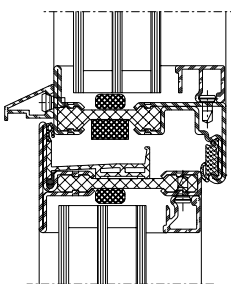
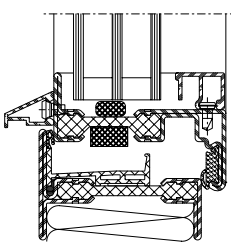
**Janisol Arte acier
 optimisé
 Triple verre isolant**

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
		2,7 W/m²K
		2,8 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
		2,7 W/m²K
		2,8 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
		2,7 W/m²K
		2,8 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
		2,6 W/m²K
		2,5 W/m²K

**Janisol Arte Stahl
 optimiert
 Dreifach-Isolierglas**

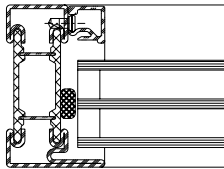
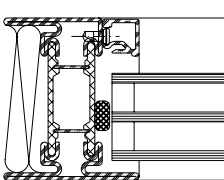
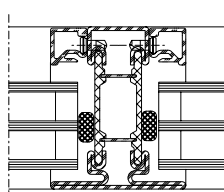
Festverglasungen und
 Fenster nach innen öffnend

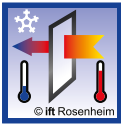
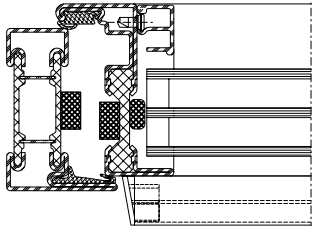
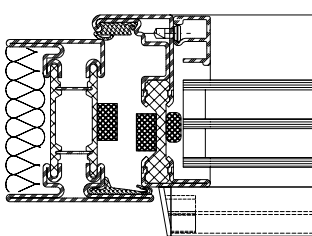
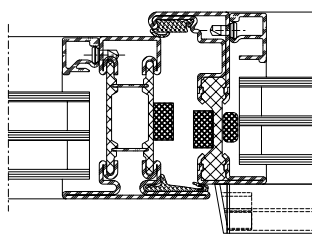
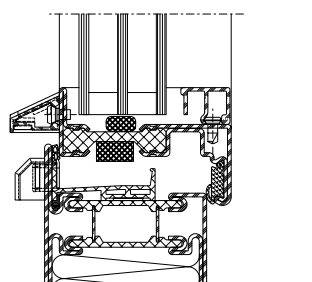
**Janisol Arte acier
 optimisé
 Triple verre isolant**

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
	2,6 W/m²K	2,2 W/m²K
	2,3 W/m²K	1,9 W/m²K
	2,4 W/m²K	2,0 W/m²K
	2,3 W/m²K	2,0 W/m²K



Schalldämmung

Ausführungsvarianten

Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.



Isolation phonique

Modèles

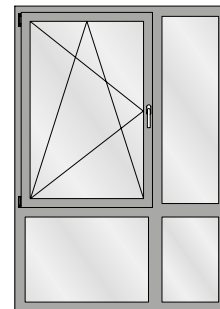
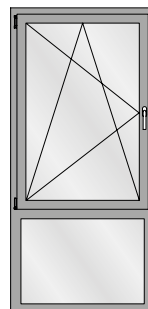
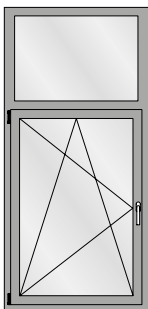
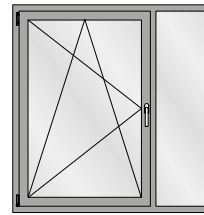
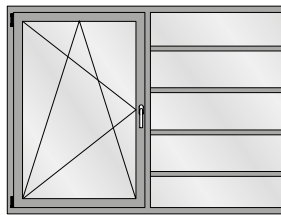
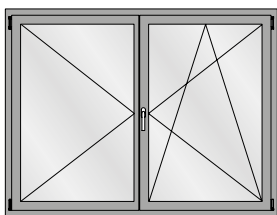
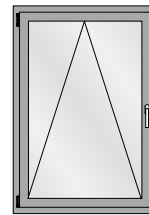
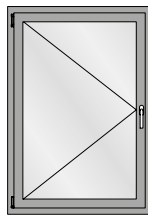
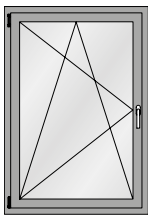
L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.



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 $R_{W \text{ Fenster}}$ dB	Glas Verre Glass $R_{W, P, \text{ Glas}}$ dB	Korrekturen Corrections Corrections						
			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 $\leq 5,5 \text{ m}^2$