

Janisol 1 Brandschutzfenster

Wärmegeädämmte Fenster aus Stahl und Edelstahl

Janisol 1 fenêtres feu

Fenêtres en acier et acier Inox à rupture de pont thermique

Janisol 1 fire-resistant windows

Thermally insulated windows in steel and stainless steel

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Leistungseigenschaften

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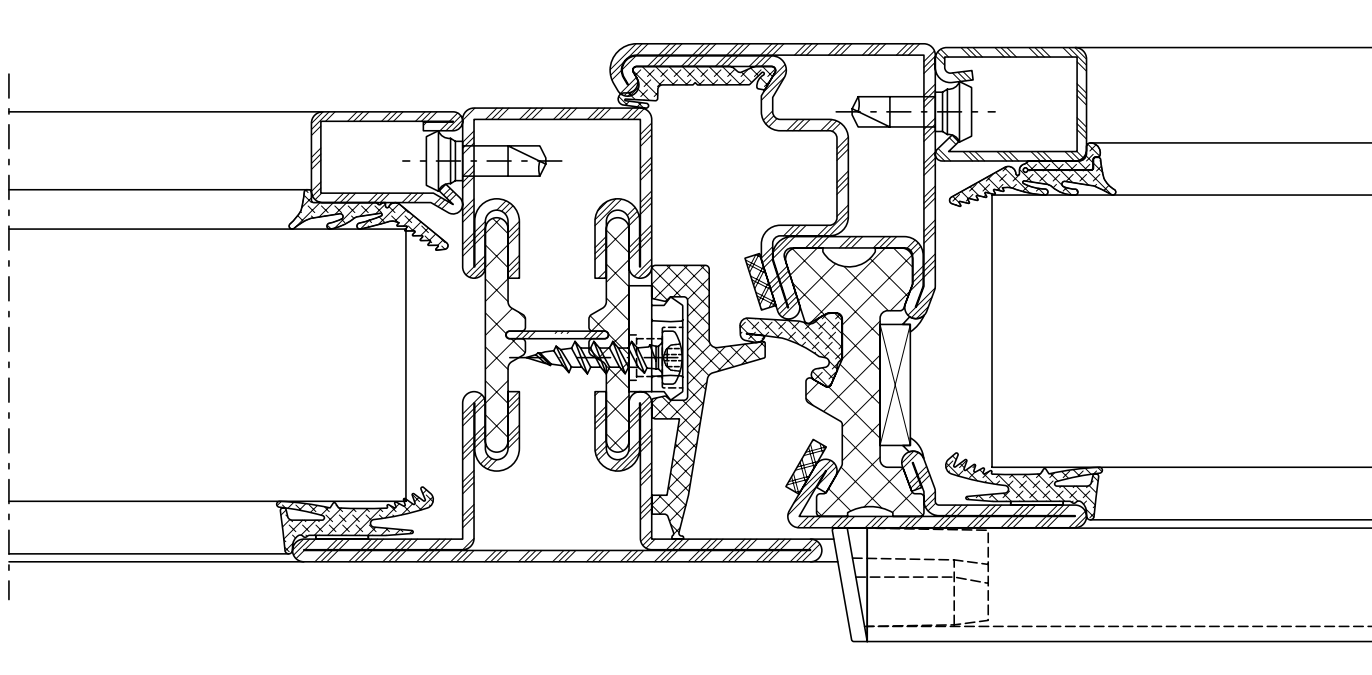
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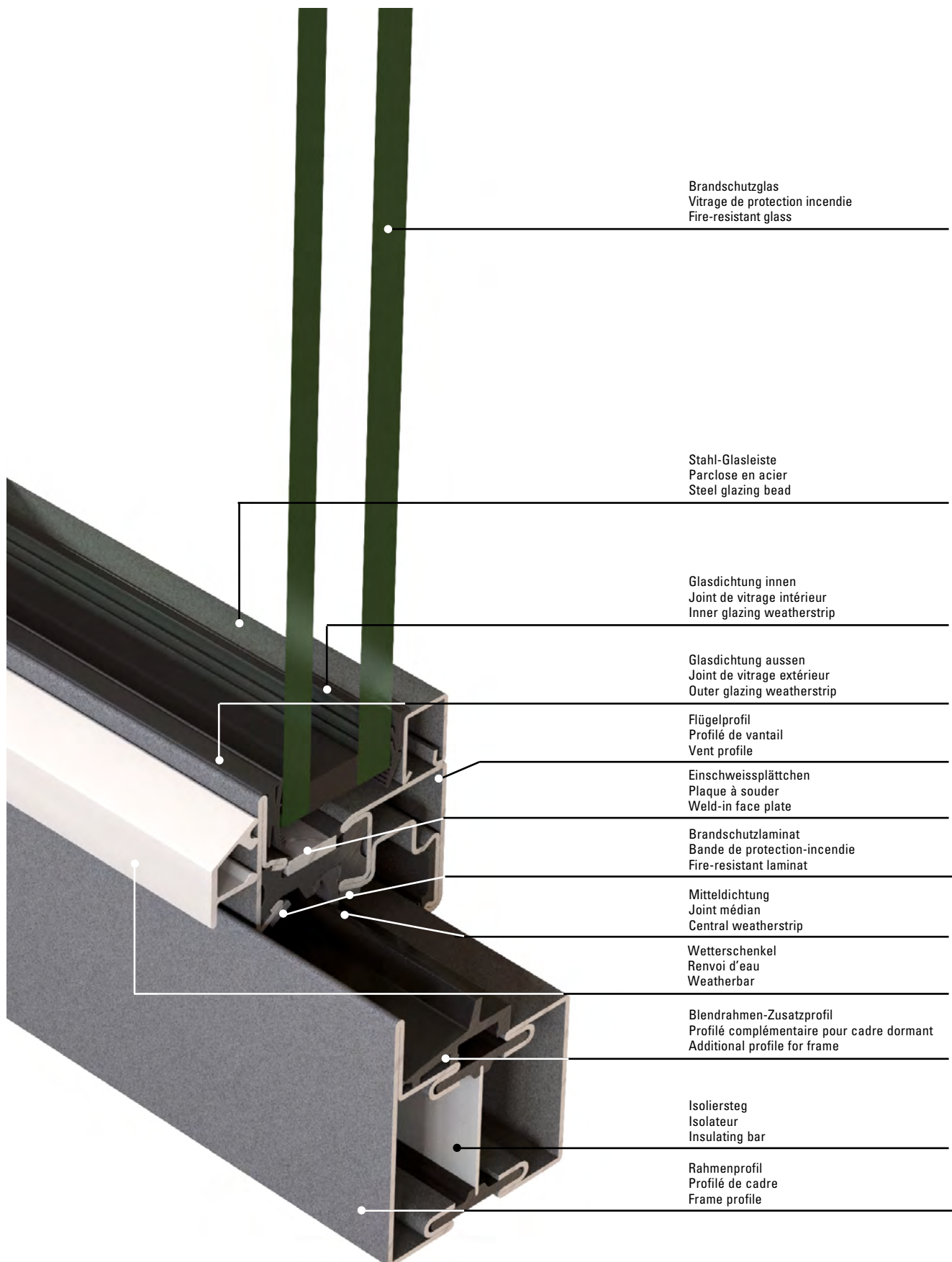
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Merkmale
Caractéristiques
Characteristics

Janisol 1 Brandschutzfenster
 Janisol 1 fenêtres feu
 Janisol 1 fire-resistant windows

- Wärmegedämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60 mm, Fensterflügel 64 mm
- Schmale Ansichtsweiten: Rahmen inkl. Flügel ab 82,5 mm Stulpflügelpartie 103 mm
- Ein- und zweiflüglige Dreh- und Drehkippfenster
- Dreh- und Drehkipf-Fensterflügel bis 1265 x 2300 mm (BxH)
- Flügelgewichte: Standardbeschlag bis 150 kg
- Füllelementstärken von 14 bis 47 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach EN 16034 und Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 geprüft
- Stahlprofile bandverzinkt, qualitativ hochwertiger Isoliersteg aus glasfaserverstärktem Polyester
- Geeignet für Pulver- und Nasslackbeschichtungen
- Système en acier à rupture de pont thermique pour fenêtres et vitrages fixes
- Profondeur de montage 60 mm, vantail de fenêtre 64 mm
- Fines largeurs de face: Cadre avec vantail à partir de 82,5 mm, partie à deux vantaux à la française 103 mm
- Fenêtres ouvrant à la française et oscillo-battantes à un et deux vantaux,
- Vantaux à la française et oscillo-battants jusqu'à 1265 x 2300 mm (LxH)
- Poids de vantail: Ferrure standard jusqu'à 150 kg
- Éléments de remplissage de 14 à 47 mm d'épaisseur, montage du vitrage à sec ou au silicone
- Contrôles des systèmes selon EN 16034 et la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024
- Profilés en acier galvanisé en continu, traverse isolante de grande qualité en polyester renforcé par fibres de verre
- Convient aux revêtements par poudre ou peinture liquide
- Thermally insulated steel system for windows and fixed glazing
- Basic depth 60 mm, window vent 64 mm
- Narrow face widths: Frame including vent from 82.5 mm, double-vent meeting stile assembly 103 mm
- Single and double-vent side-hung and turn/tilt windows,
- Side-hung and turn/tilt window vents up to 1265 x 2300 mm (WxH)
- Vent weights: Standard fittings up to 150 kg
- Infill unit thicknesses from 14 to 47 mm, glazing installed by means of dry or wet glazing
- System tests in accordance with EN 16034 and the product standard EN 14351-1
- Profile bonding technology tested in accordance with EN 14024
- Ppre-galvanised steel profiles, high-quality insulating bar made of glass fibre-reinforced polyester
- Suitable for powder and wet paint coating





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)	Exxx (>2000)					
	Feuerwiderstand Résistance au feu Fire resistance		Fenster E45 / EW45 Fenêtre E45 / EW45 Window E45 / EW45 Trennwand E30 / EW30 Vitrage fixe E30 / EW30 Fixed glazing E30 / EW30										
 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 43 dB (-2; -5) jusqu'à R_w 43 dB (-2; -5) up to R_w 43 dB (-2; -5)										
 EN ISO 10077-1	Wärmedurchgangskoeffizient U_f (W/(m²·K)) Transmission thermique U_f (W/(m²·K)) Thermal production U_f (W/(m²·K))	npd	ab 2.5 W/m²·K à partir de 2.5 W/m²·K from 2.5 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		Anforderung erfüllt Exigence remplie Requirement satisfied										
 EN 13115	Bedienkräfte Forces de manœuvre Operating forces	npd	0				1		2				
 EN 14024	Metallprofile mit thermischer Trennung Profilés en métal. avec rupture de pont thermique Metal profiles with thermal barrier		CW / TC2 / A										

npd = keine Leistung festgestellt
(no performance determined)

npd = Aucune performance déterminée
(no performance determined)

npd = no performance determined

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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, parcloles, accessoires etc.).

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Info und Beratung

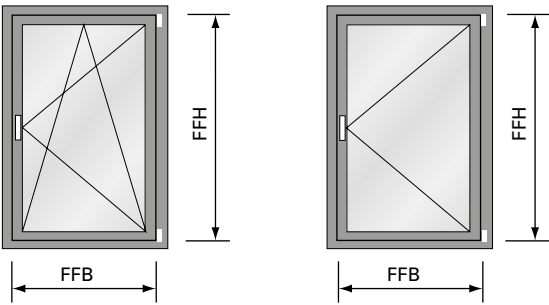
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Information and advice

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Flügelgrößen
Drehkipp- und Drehfenster

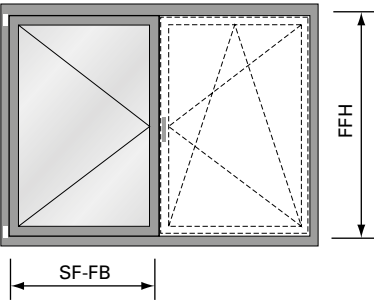
Max.	FFH =	2300 mm
	FFB =	1265 mm
Min.	FFH =	575 mm
	FFB =	370 mm
Max. Gewicht:		150 kg
FFB/FFH:		≤ 2

Grandeurs du vantail
fenêtre oscillo-battante et à la française

Max.	FFH =	2300 mm
	FFB =	1265 mm
Min.	FFH =	575 mm
	FFB =	370 mm
Poids max.:		150 kg
FFB/FFH:		≤ 2

Size of vents
turn/tilt and side-hung windows:

Max.	FFH =	2300 mm
	FFB =	1265 mm
Min.	FFH =	575 mm
	FFB =	370 mm
Max. weight:		150 kg
FFB/FFH:		≤ 2



Flügelgrößen
Stulpfenster:

Max.	FFH =	2300 mm
	SF-FB =	1265 mm
Min.	FFH =	575 mm
	SF-FB =	370 mm
Max. Gewicht:		150 kg
FFB/FFH:		≤ 2

Grandeurs du vantail
fenêtre à deux vantaux:

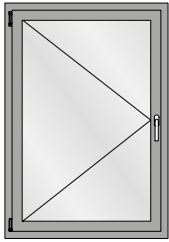
Max.	FFH =	2300 mm
	SF-FB =	1265 mm
Min.	FFH =	575 mm
	SF-FB =	370 mm
Poids max.:		150 kg
FFB/FFH:		≤ 2

Size of vents
double-vent windows:

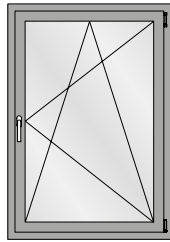
Max.	FFH =	2300 mm
	SF-FB =	1265 mm
Min.	FFH =	575 mm
	SF-FB =	370 mm
Max. weight:		150 kg
FFB/FFH:		≤ 2

Typenübersicht
Sommaire des types
Summary of types

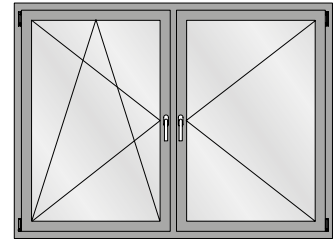
Janisol 1 Brandschutzfenster
Janisol 1 fenêtres feu
Janisol 1 fire-resistant windows



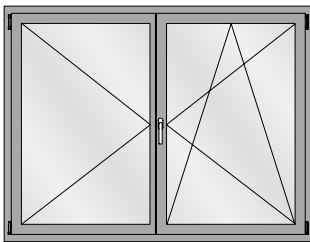
Drehflügel
 Fenêtre à la française
 Side-hung window



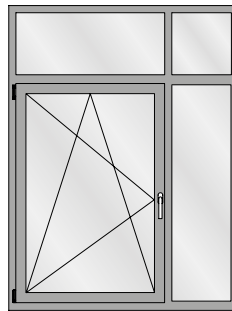
Drehkipp-Flügel
 Vantail oscillo-battant
 Turn/tilt window



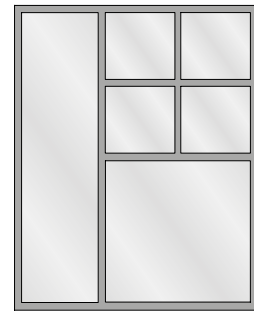
Drehkipp/Dreh-Flügel
 Vantail oscillo-battant/fenêtre à la française
 Side-hung/turn/tilt window



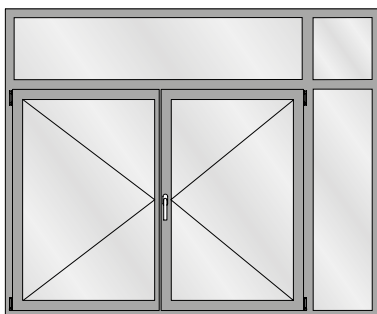
Stulpfenster
 Fenêtre à deux vantaux
 Double leaf window



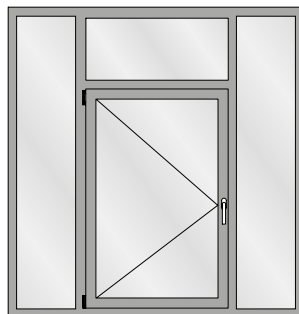
Fenster Drehkipp mit festem Oberlicht
 Vantail oscillo-battant avec imposte fixe
 Window, turn/tilt with fixed top light



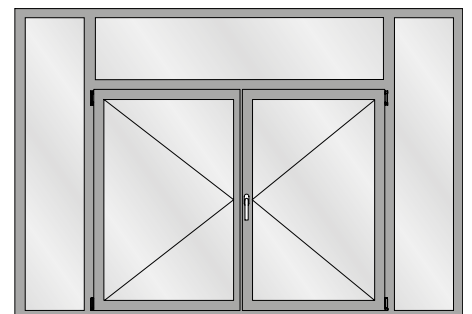
Festverglasung
 Vitrage fixe
 Fixed glazing



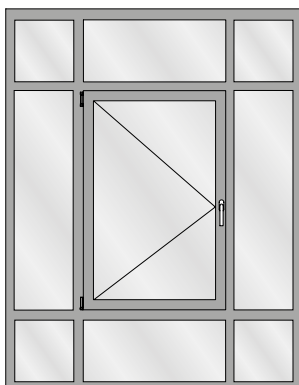
Zweiflügeliges Fenster mit festem Oberlicht
 und festem Seitenteil
 Fenêtre à deux vantaux avec parties latérales
 fixes et impostes fixes
 Double leaf window with fixed side lights and
 fixed top lights



Einflügeliges Fenster mit festem Oberlicht
 und festen Seitenteilen
 Fenêtre à un vantail avec parties latérales
 fixes et impostes fixes
 Single leaf window with fixed side lights
 and fixed top lights



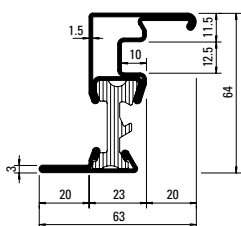
Zweiflügeliges Fenster mit festem Oberlicht
 und festem Seitenteil
 Fenêtre à deux vantaux avec parties latérales
 fixes et impostes fixes
 Double leaf window with fixed side lights and
 fixed top lights



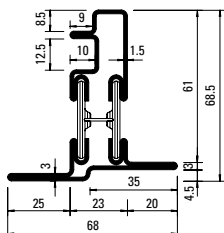
Einflügeliges Fenster in zugehöriger Tragkonstruktion
 Fenêtre à une feuille dans la structure de support associée
 Single-leaf window in associated support structure

Profilübersicht
Sommaire des profilés
Summary of profiles

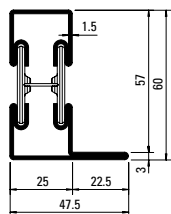
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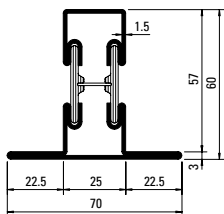
630.900 Z



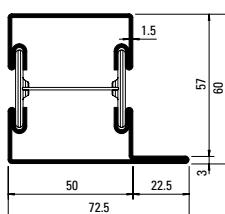
630.901 Z



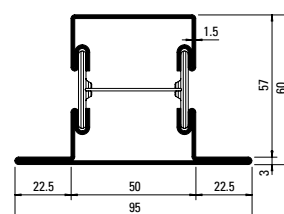
601.635.1 Z



602.635.1 Z

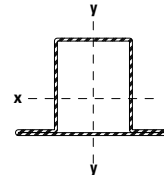


601.685.1 Z



602.685.1 Z

Stabachse
Axe de la barre
Bar axis



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Oberfläche/Werkstoff

Artikel-Nr.
mit Z = Bandverzinkter Stahl

Surface/Matériau

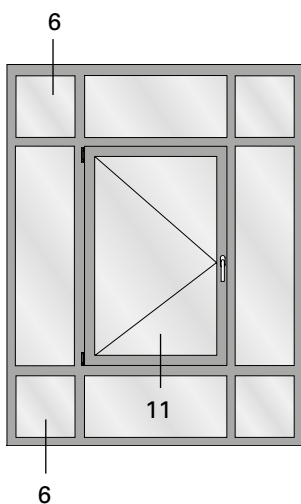
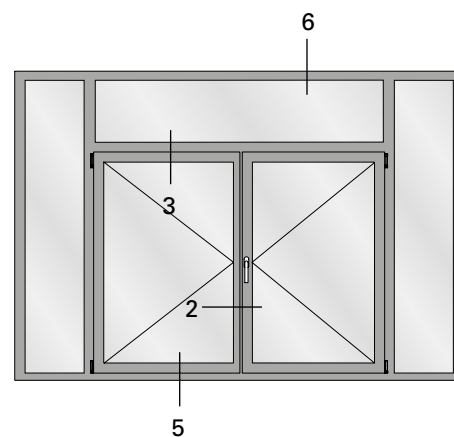
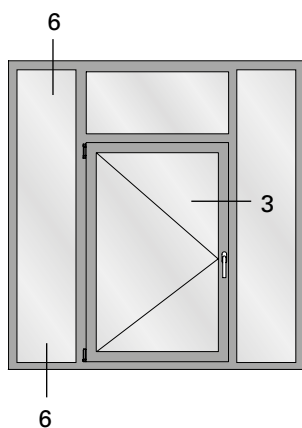
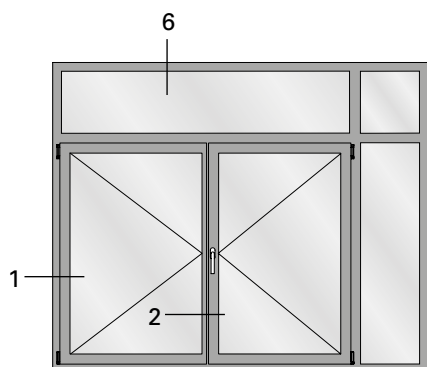
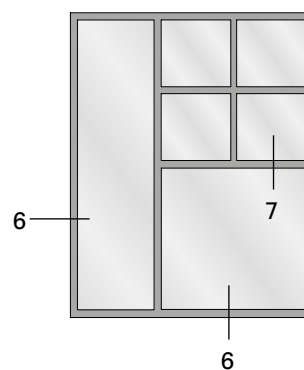
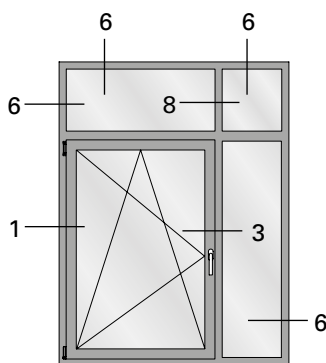
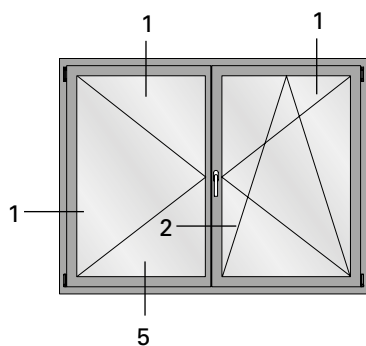
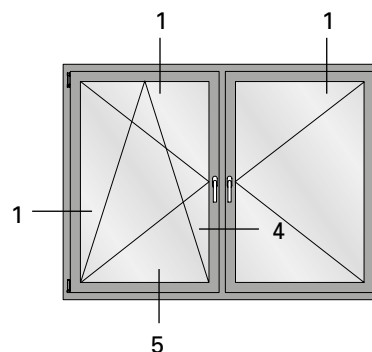
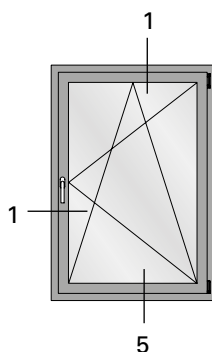
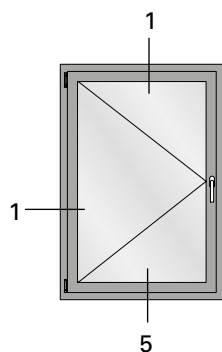
No. d'article
avec Z = Bande d'acier zinguée

Surface/Material

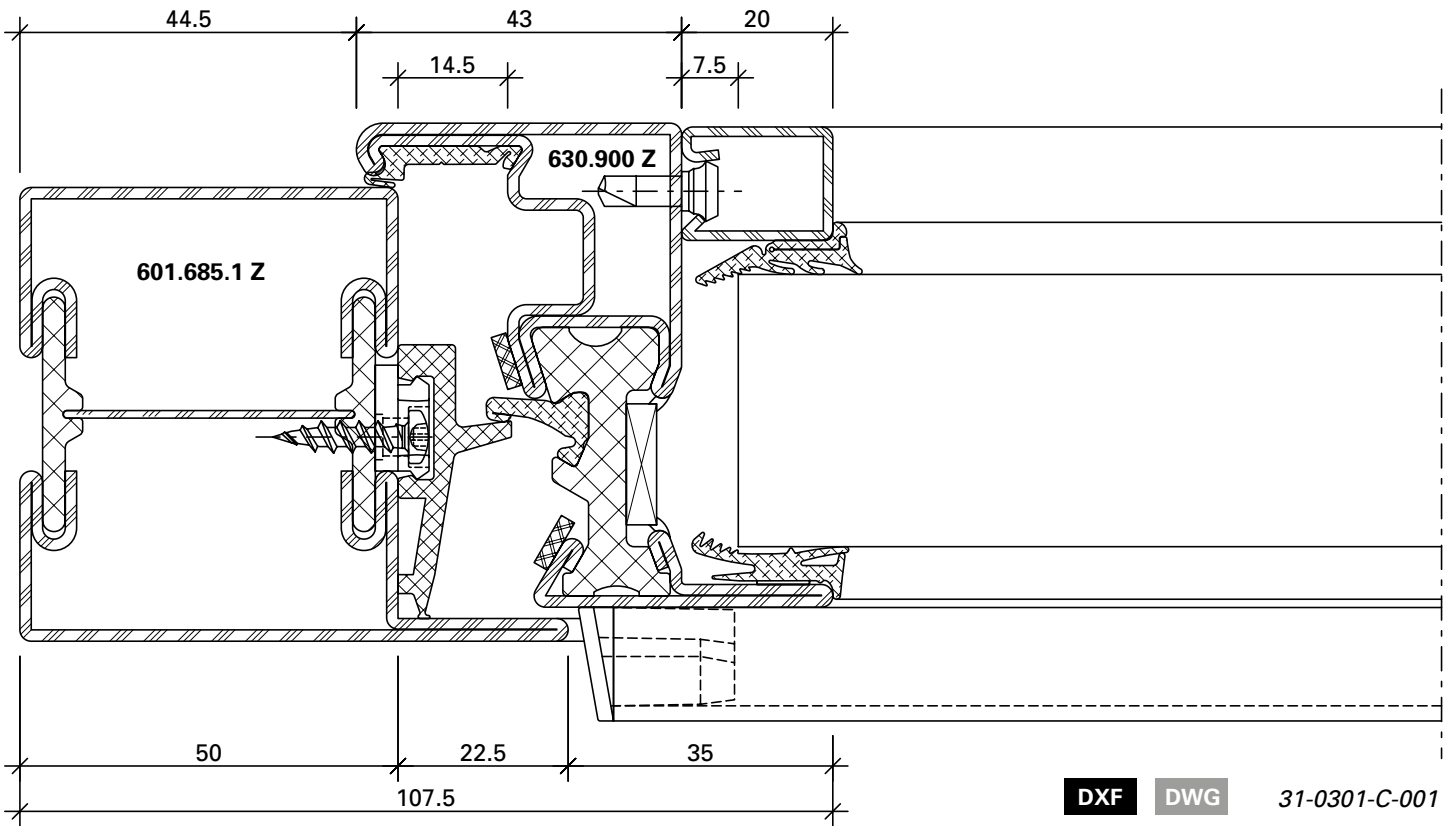
Part no.
with Z = Strip galvanised steel

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
630.900 Z	3,820					0,312
630.901 Z	4,180	19,8	4,32	8,7	2,45	0,299

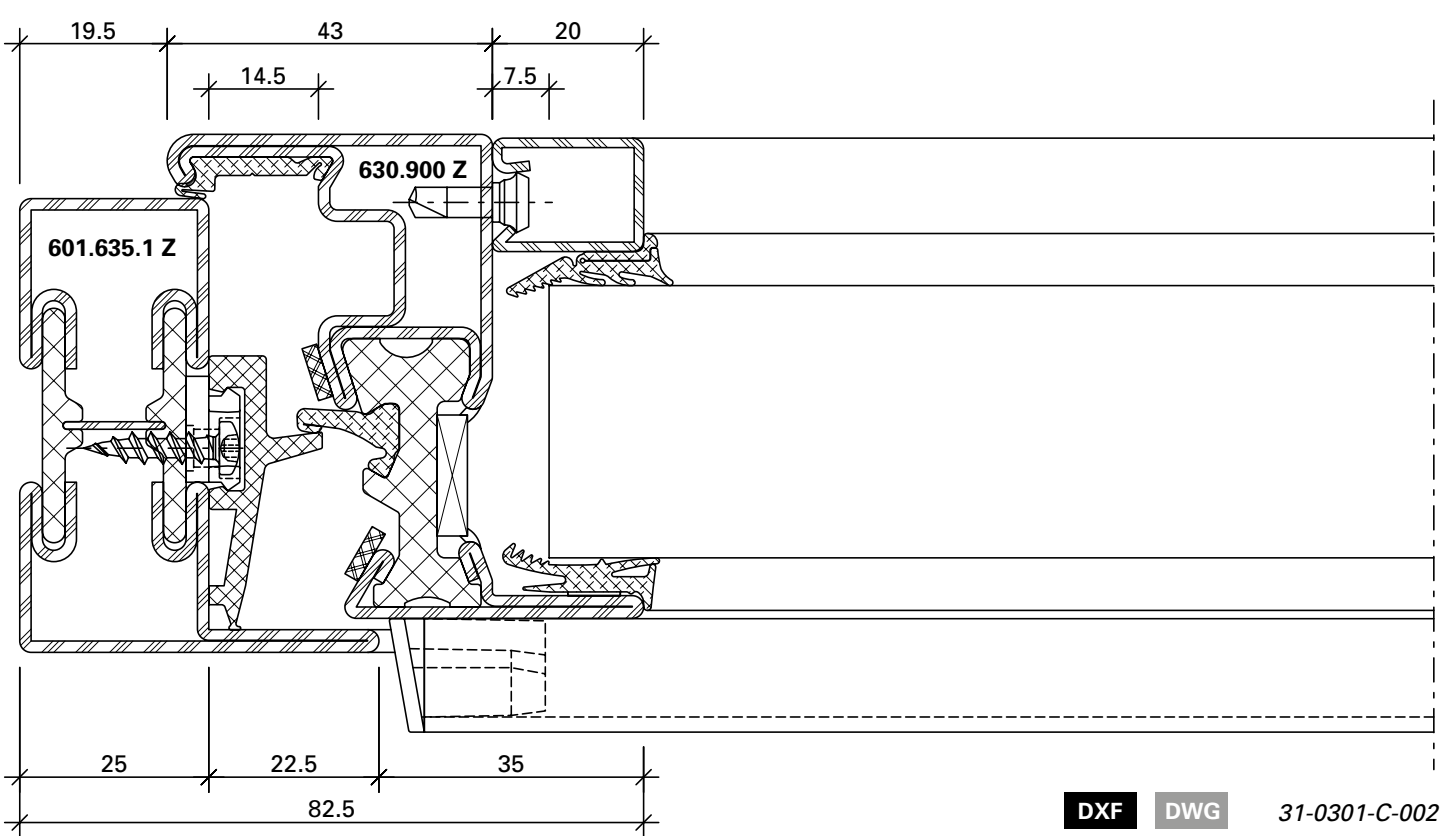
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.635.1 Z	3,345	14,0	3,78	5,84	1,88	0,215
602.635.1 Z	3,865	16,6	4,07	10,10	2,88	0,260
601.685.1 Z	3,890	19,3	5,31	21,7	5,12	0,265
602.685.1 Z	4,410	22,1	5,58	31,1	6,54	0,310

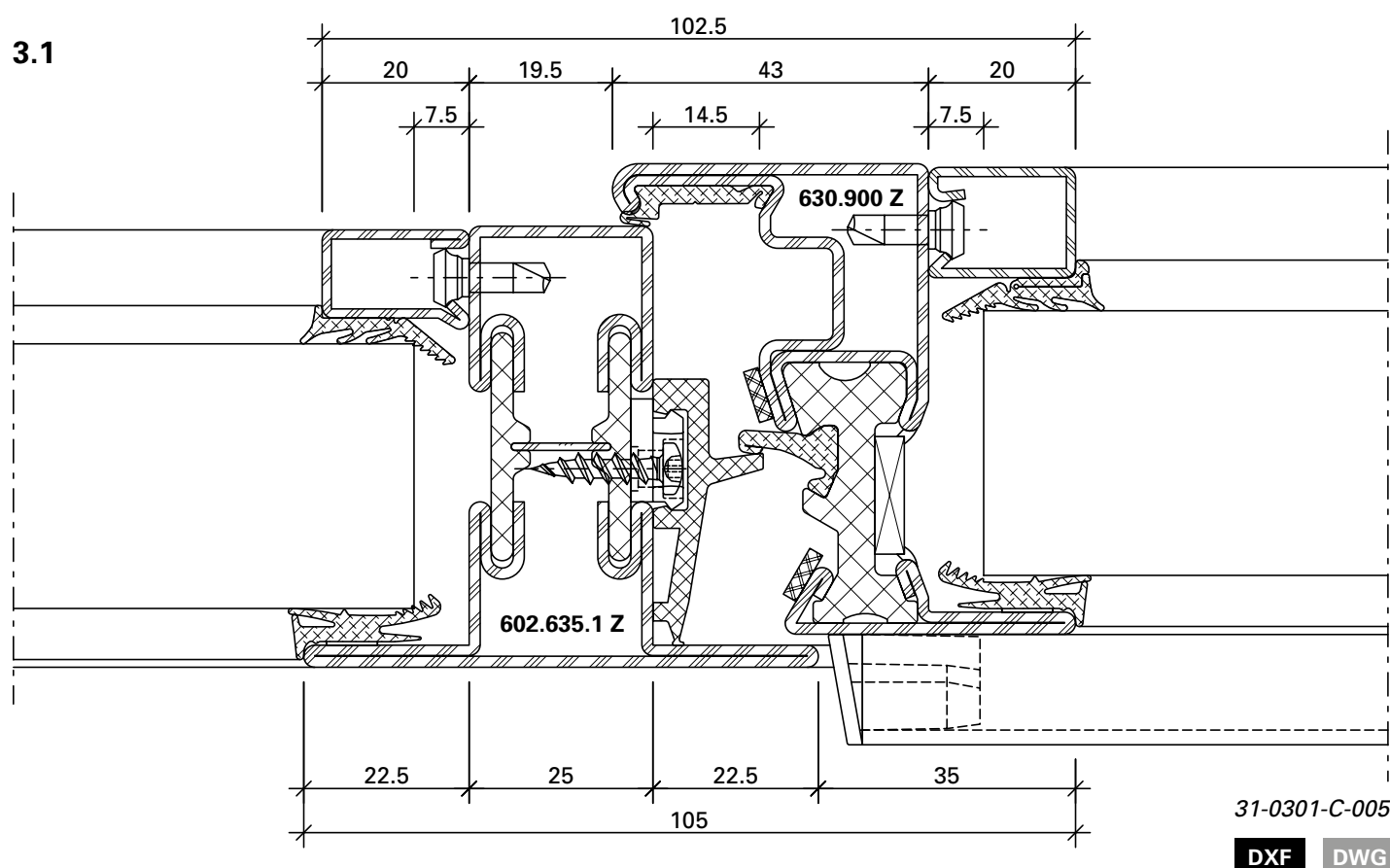
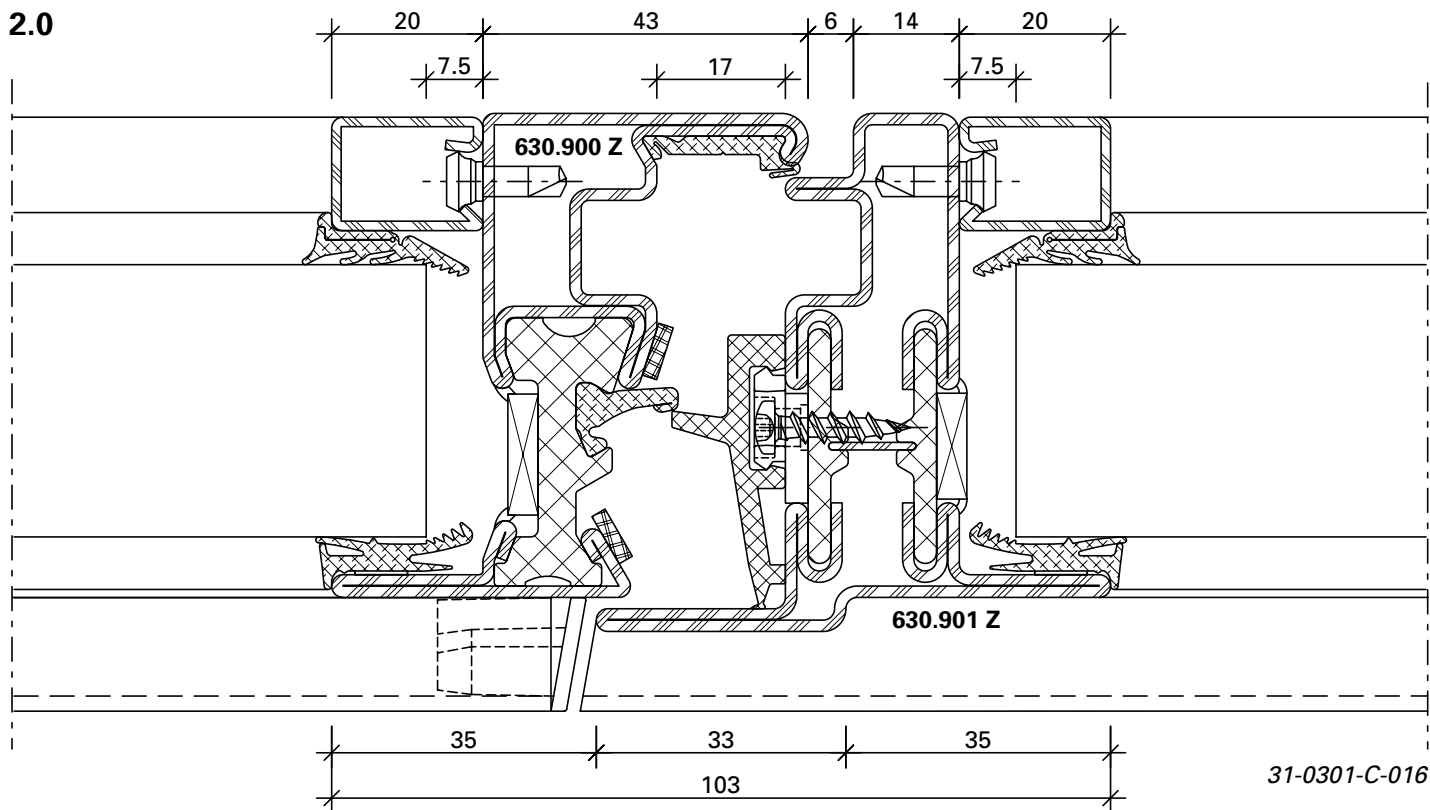


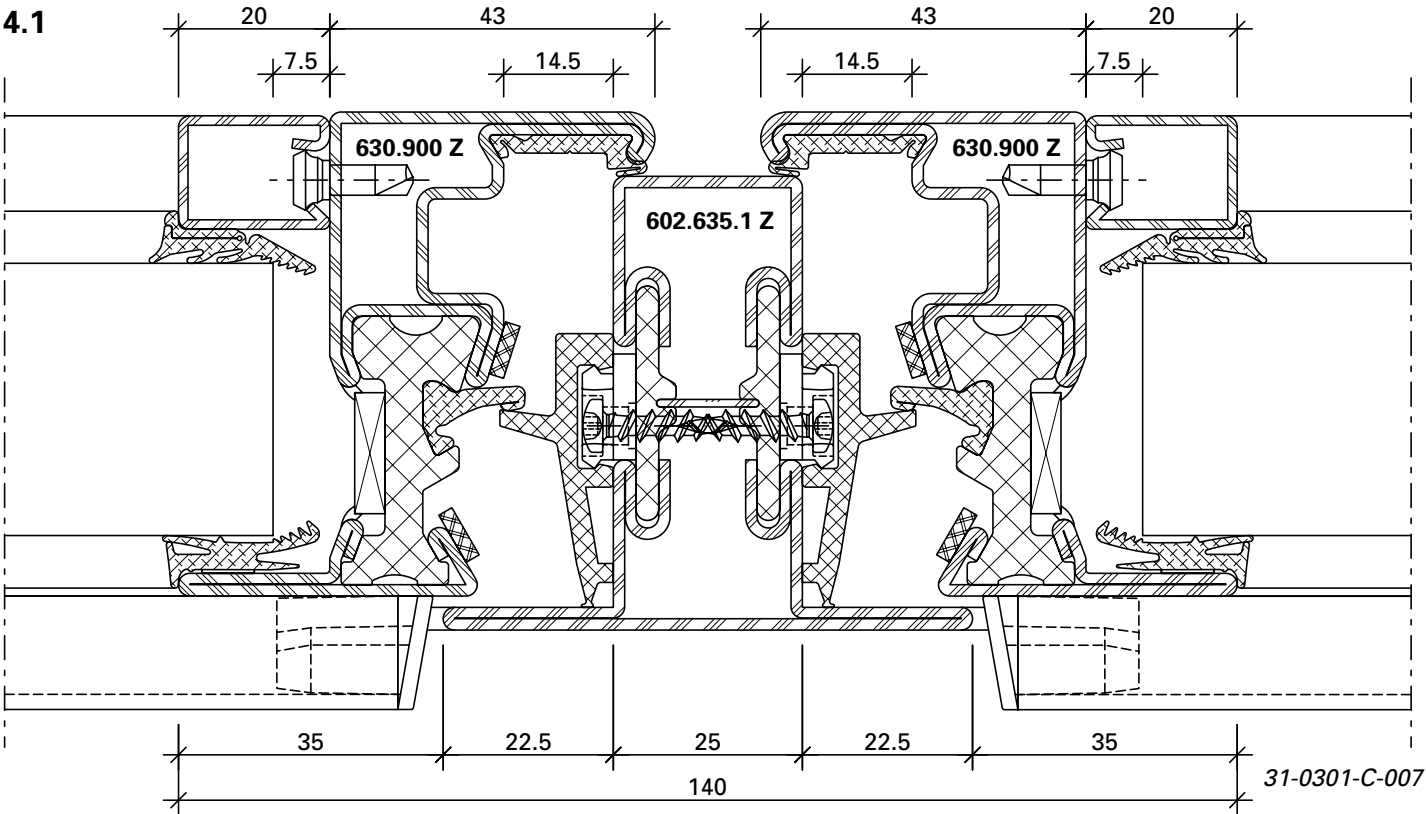
1.0



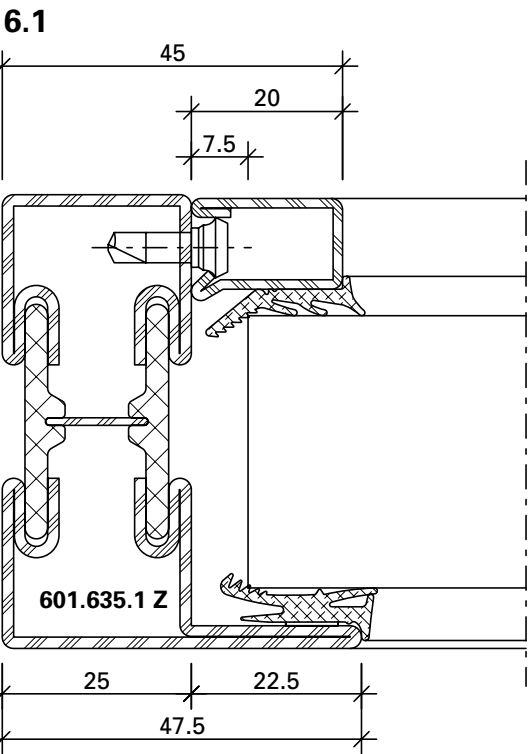
1.1



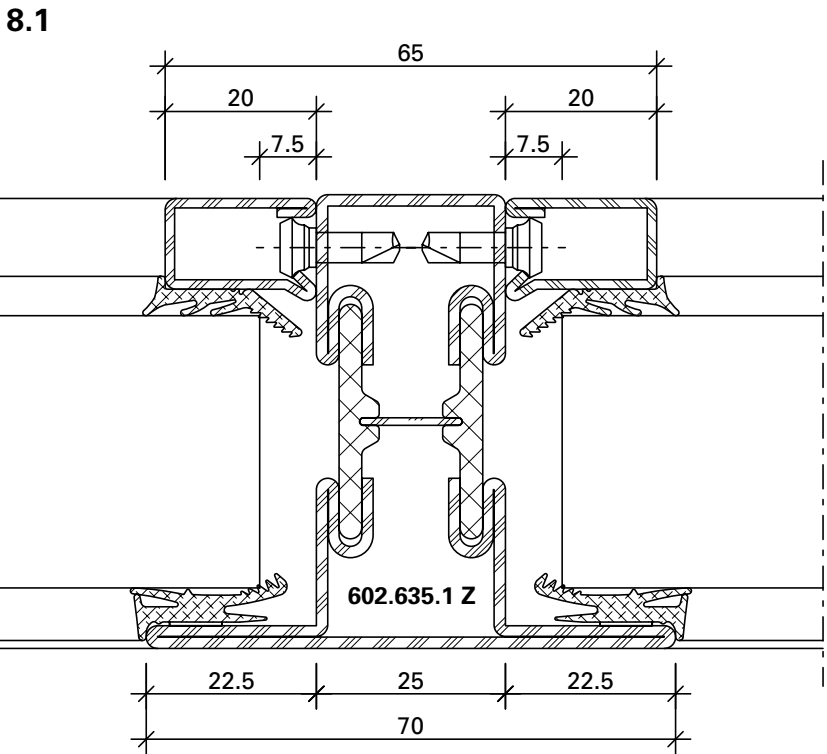




DXF DWG

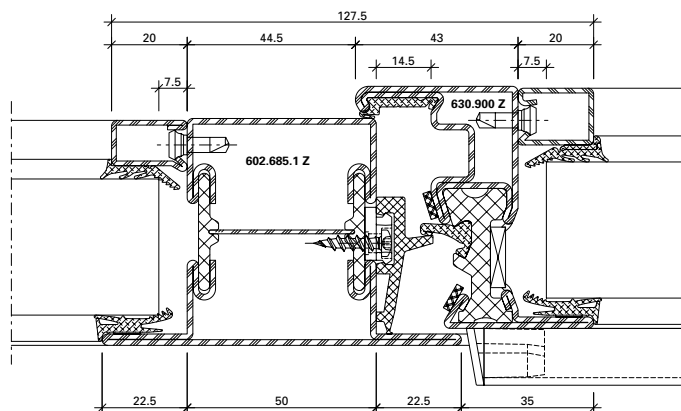


DXF DWG



DXF DWG

3.0

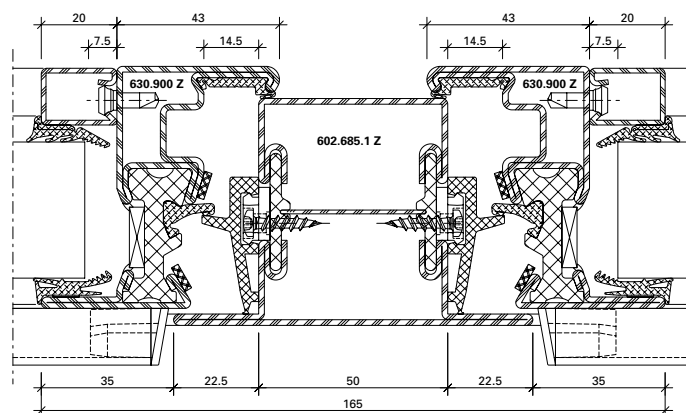


DXF

DWG

31-0301-C-010

4.0

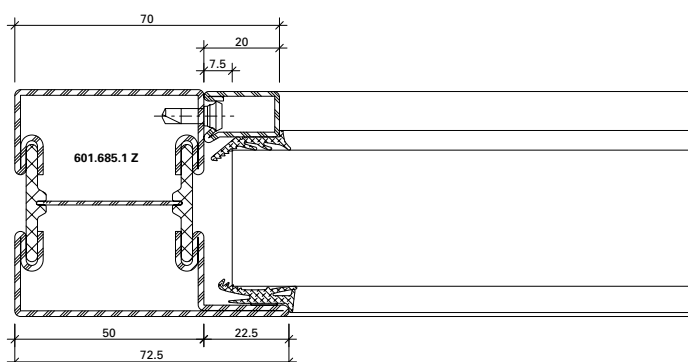


DXF

DWG

31-0301-C-011

6.0

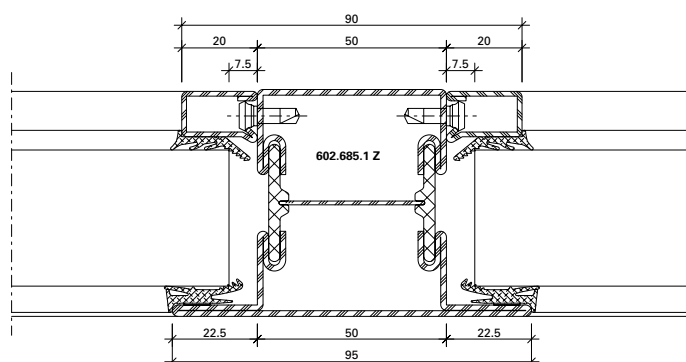


DXF

DWG

31-0301-C-003

8.0

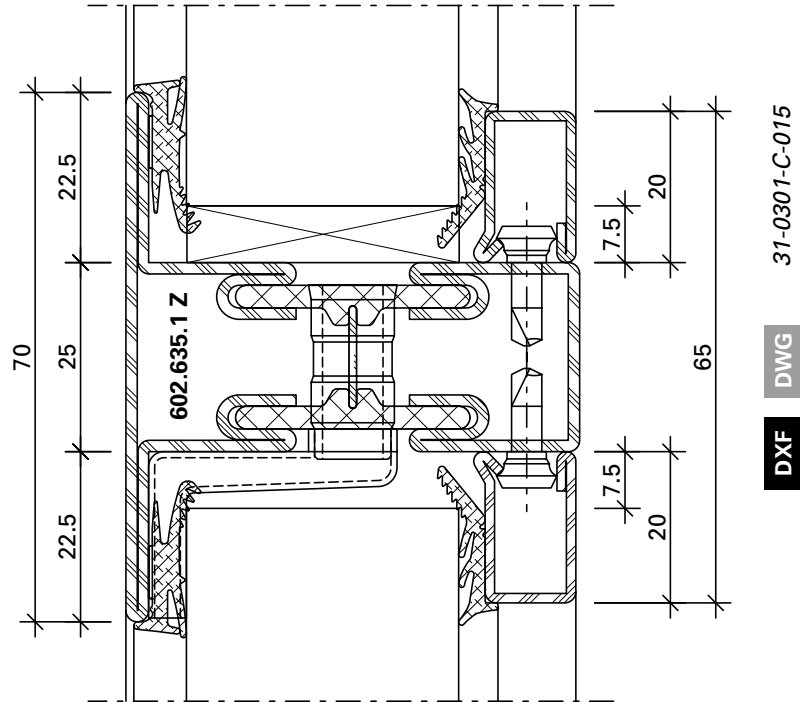


DXF

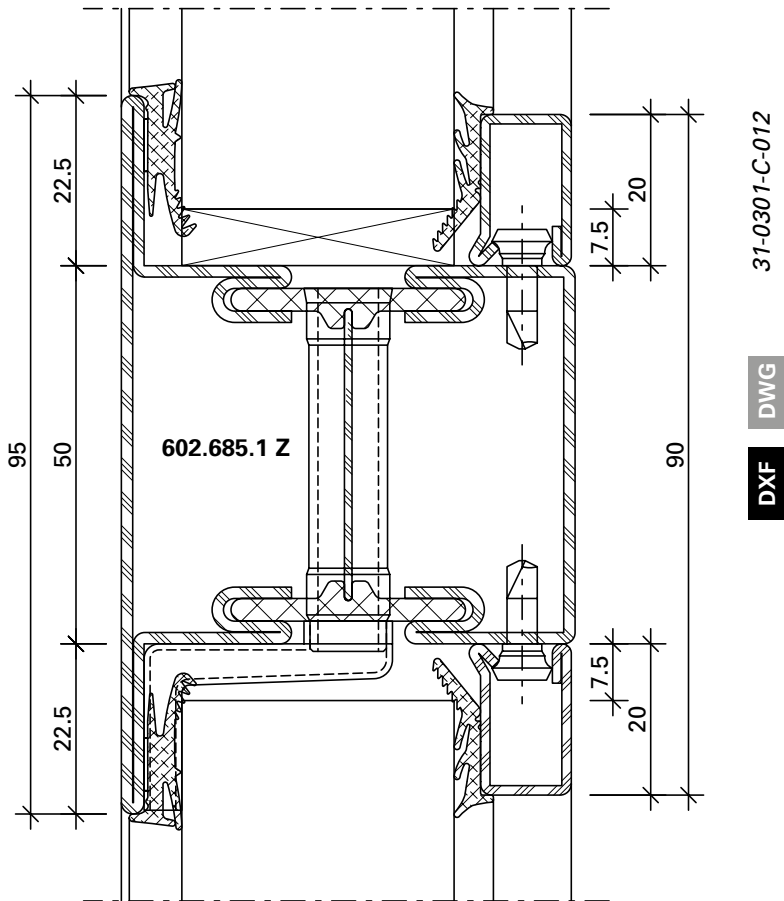
DWG

31-0301-C-006

7.1

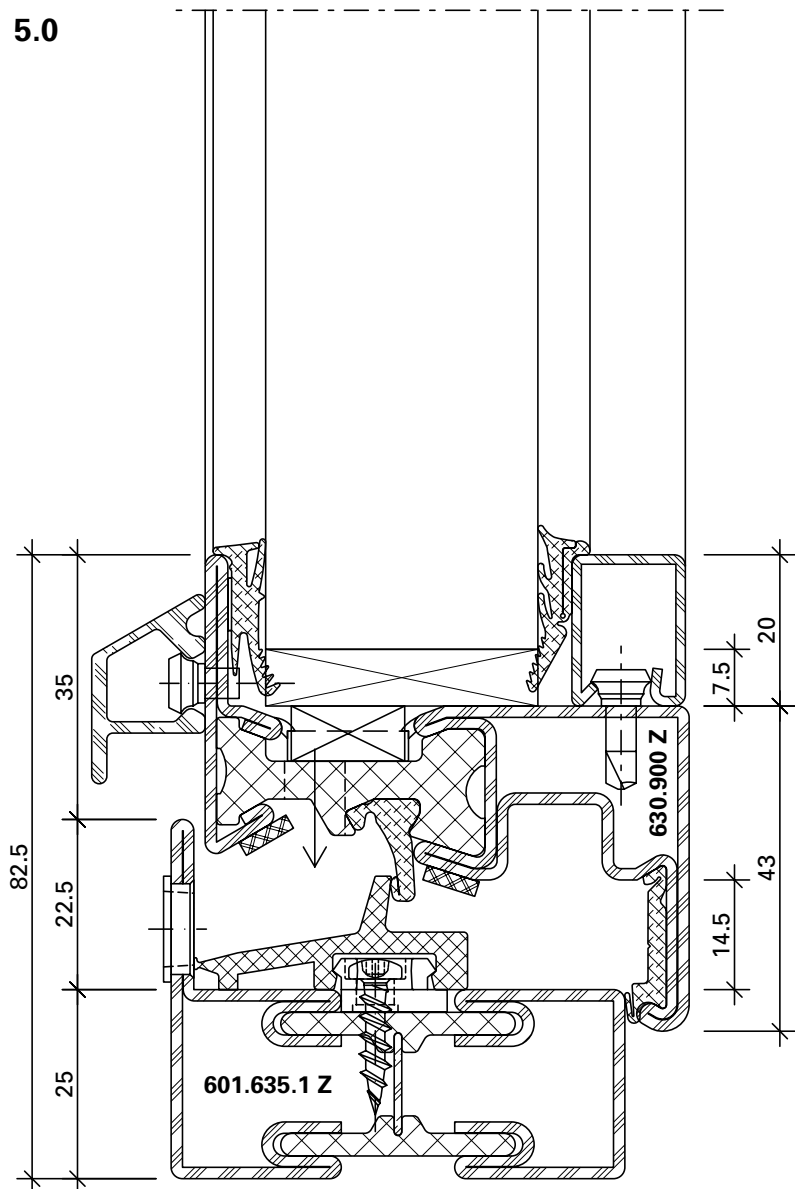


7.0



Schnittpunkte im Massstab 1:1
Coupe de détails à l'échelle 1:1
Section details on scale 1:1

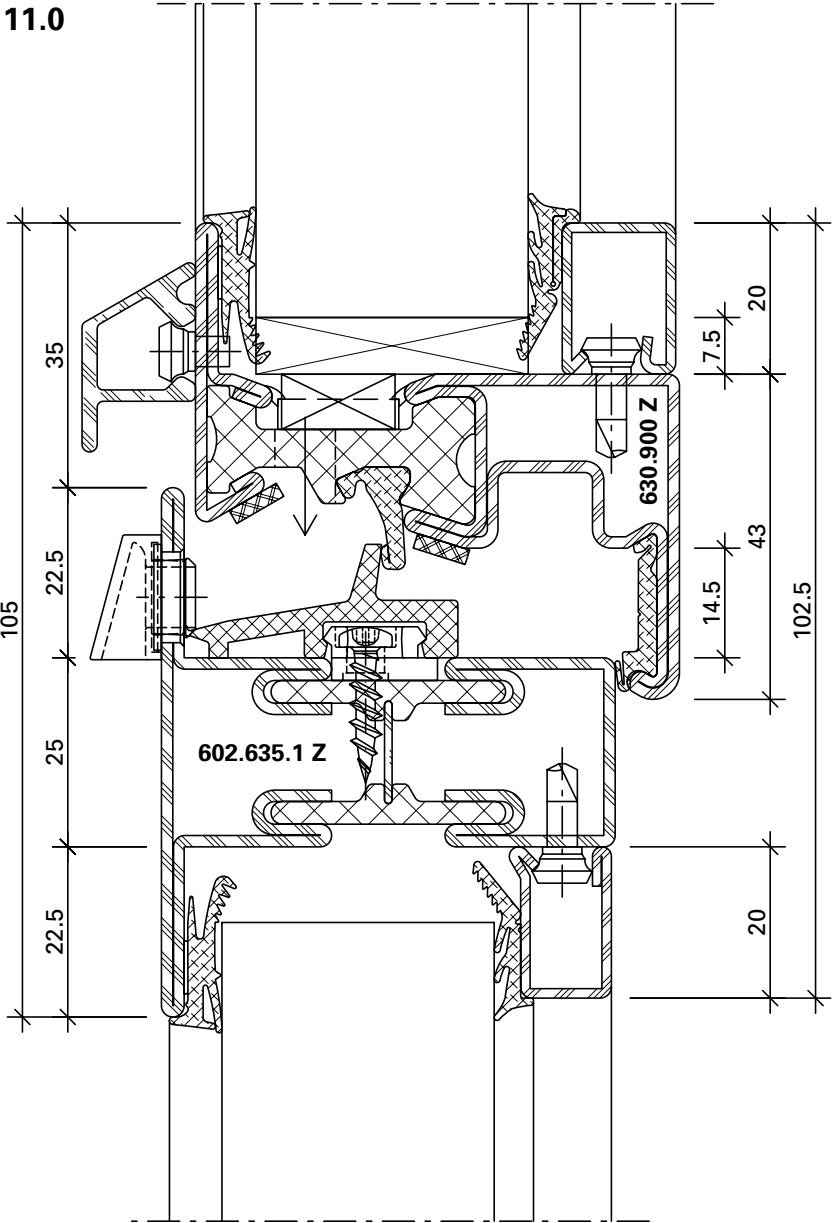
Janisol 1 Brandschutzfenster
Janisol 1 fenêtres feu
Janisol 1 fire-resistant windows



31-0301-C-013

DWG

DXF



31-0301-C-014

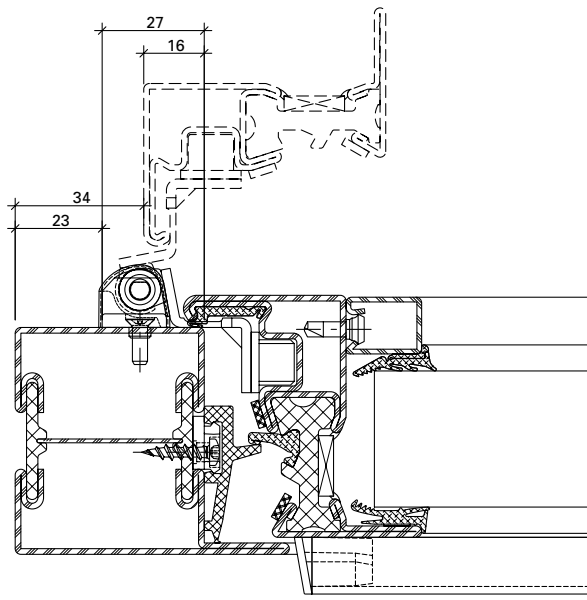
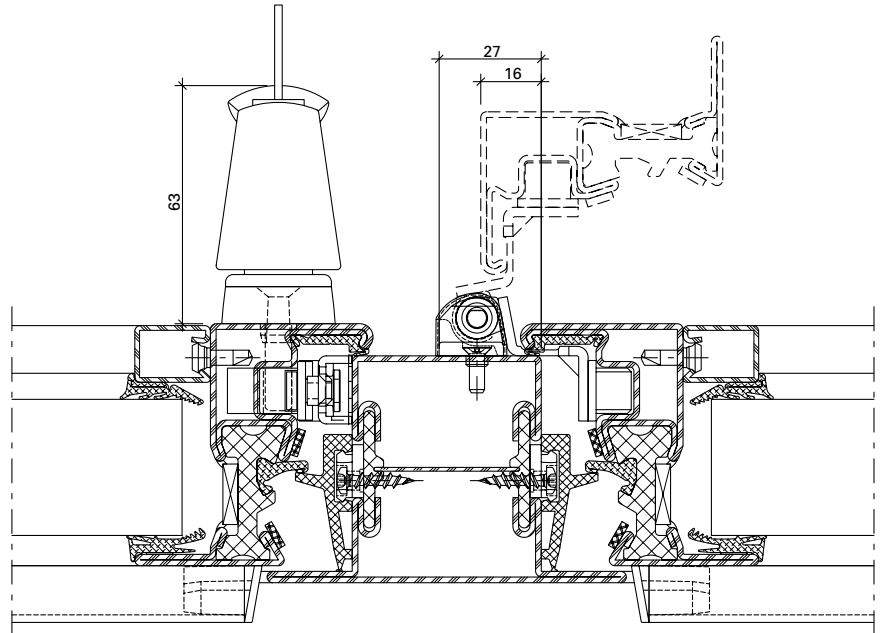
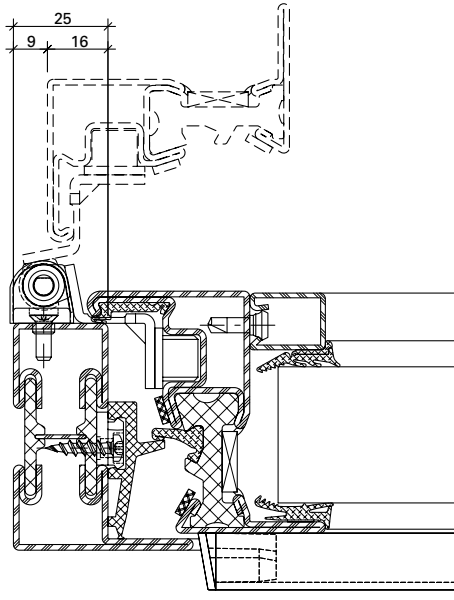
DWG

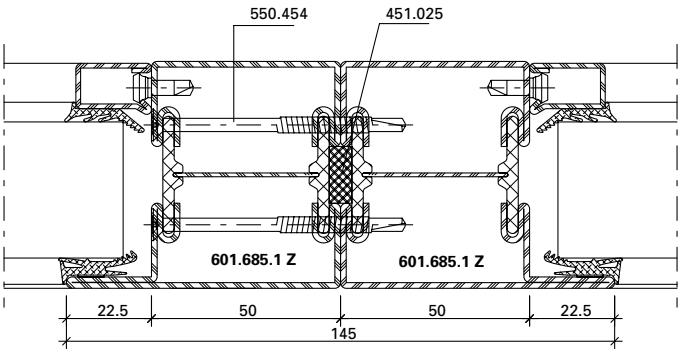
DXF

Platzbedarf
 Standard-Fensterbeschlag

Espace nécessaire
 Ferrure de fenêtre standard

Space required
 Standard window fitting

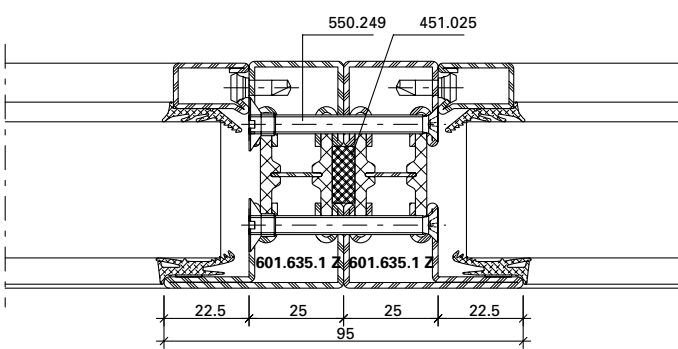




DXF

DWG

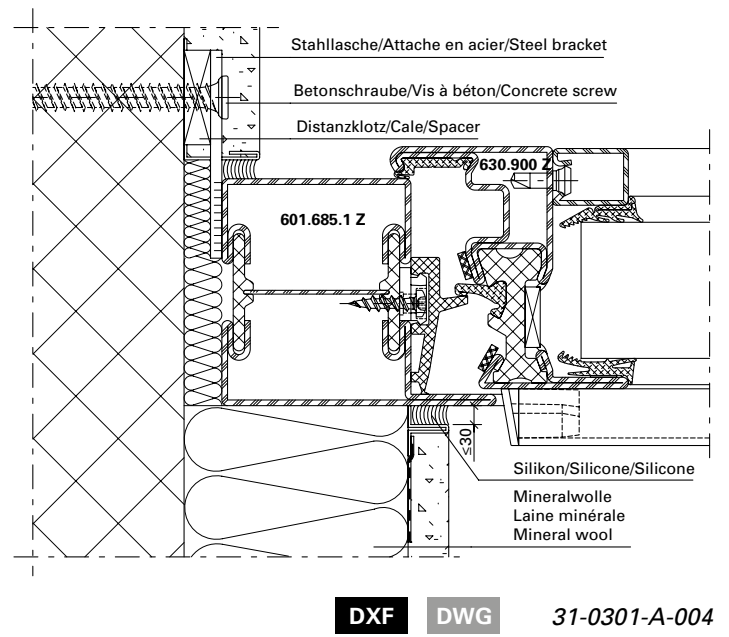
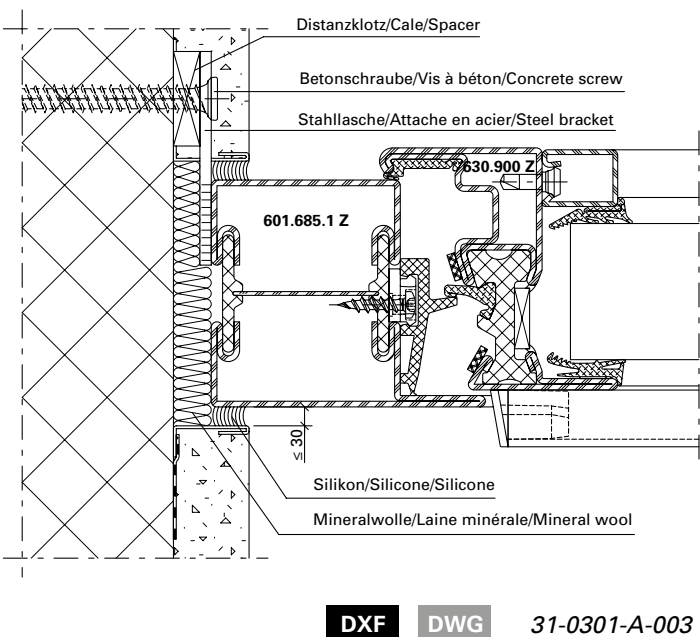
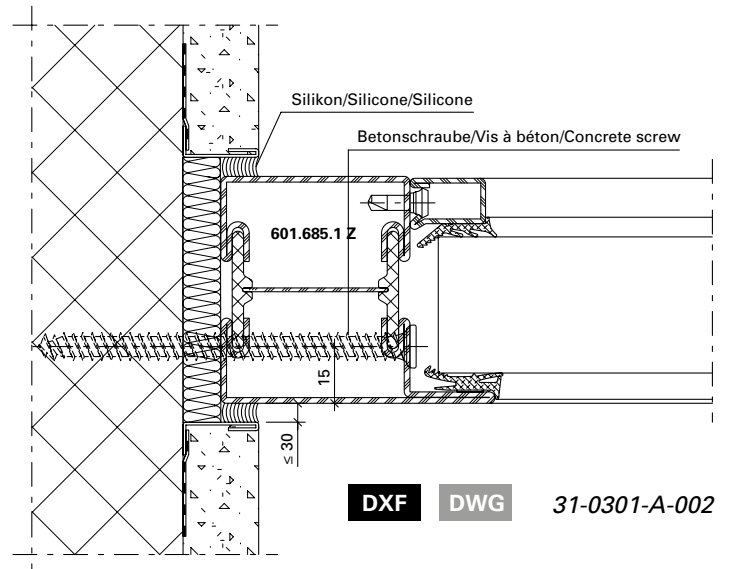
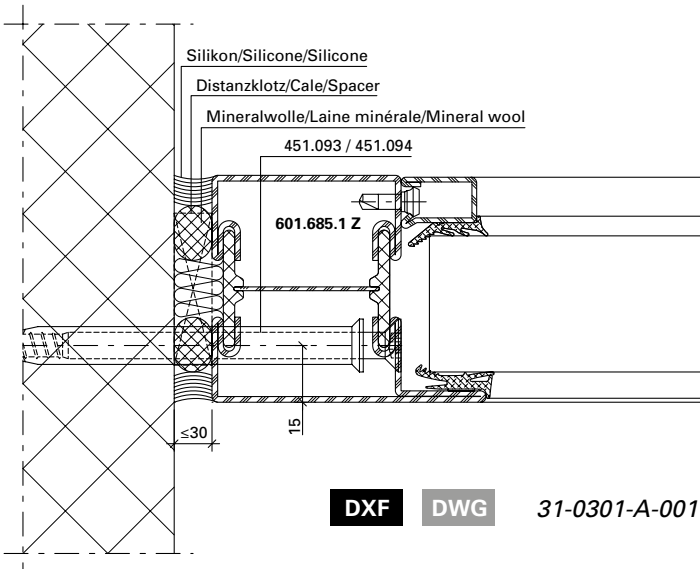
31-0301-K-001



DXF

DWG

31-0301-K-002



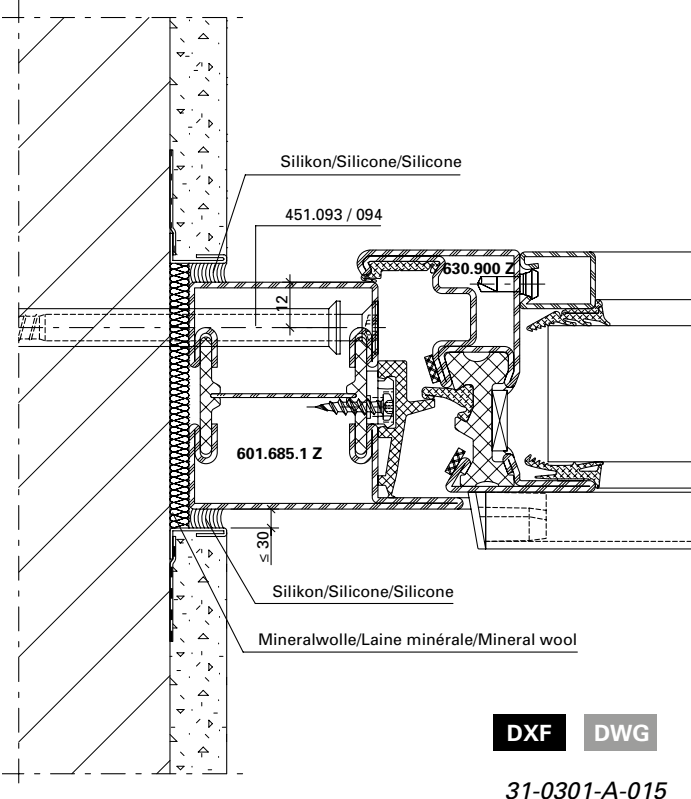
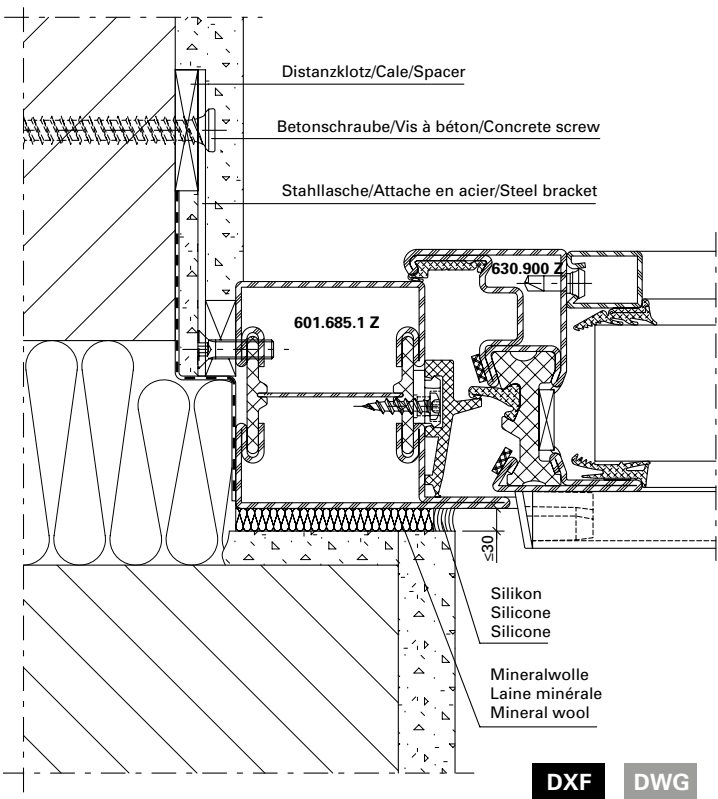
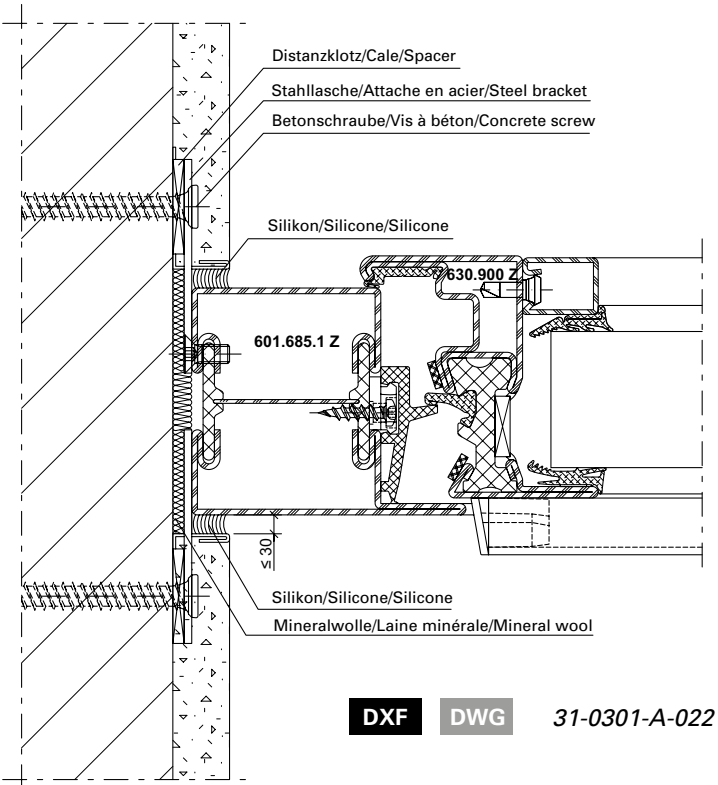
Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

Il convient de respecter les prescriptions et règlements des divers pays concernés.

The regulations and bye-laws in force in the particular country must be respected.

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

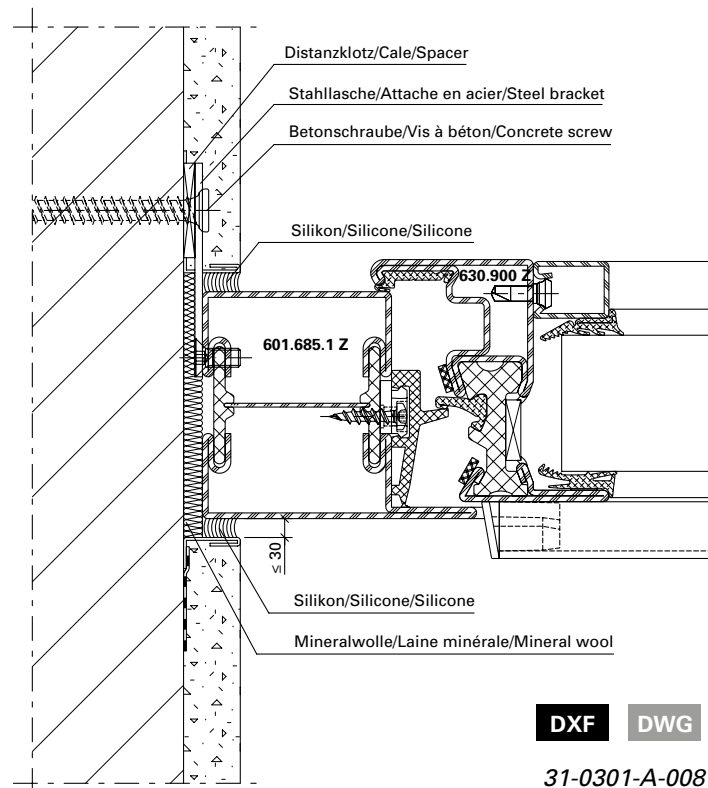
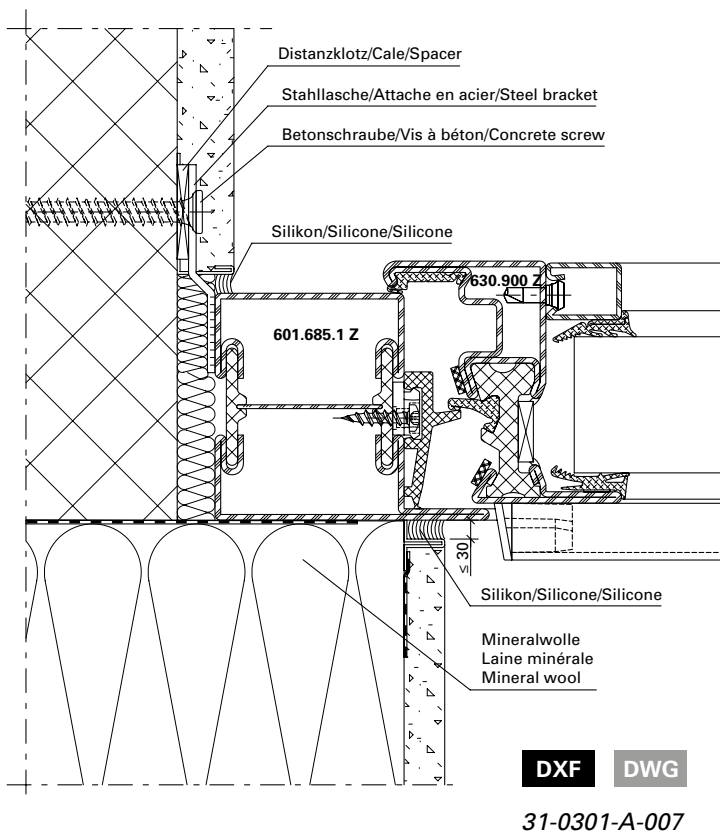
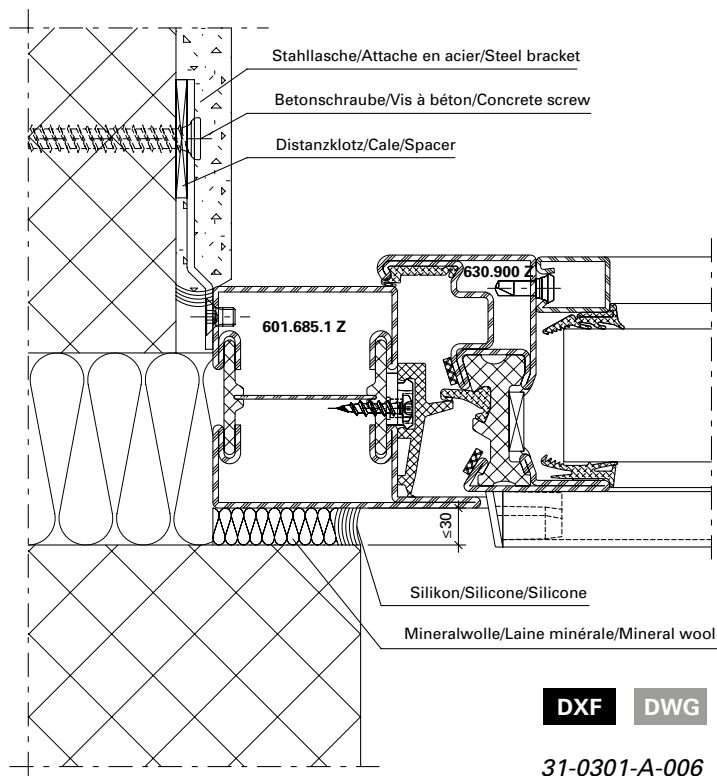
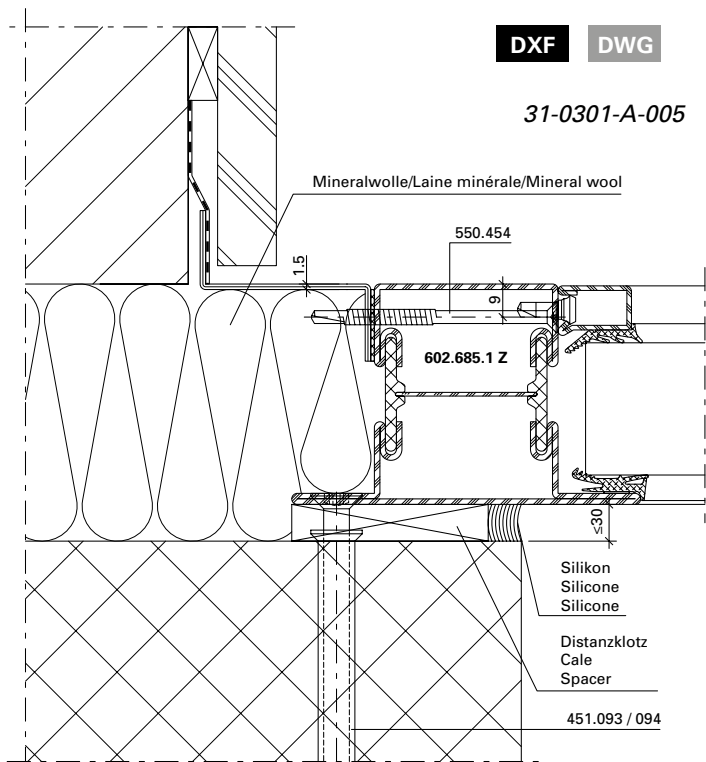
Janisol 1 Brandschutzfenster
Janisol 1 fenêtres feu
Janisol 1 fire-resistant windows



Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

Il convient de respecter les prescriptions et règlements des divers pays concernés.

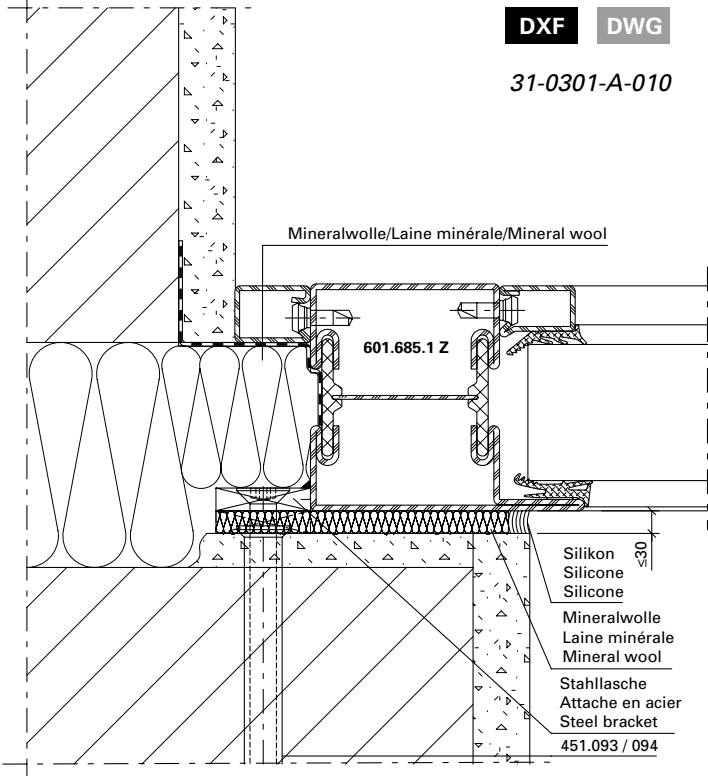
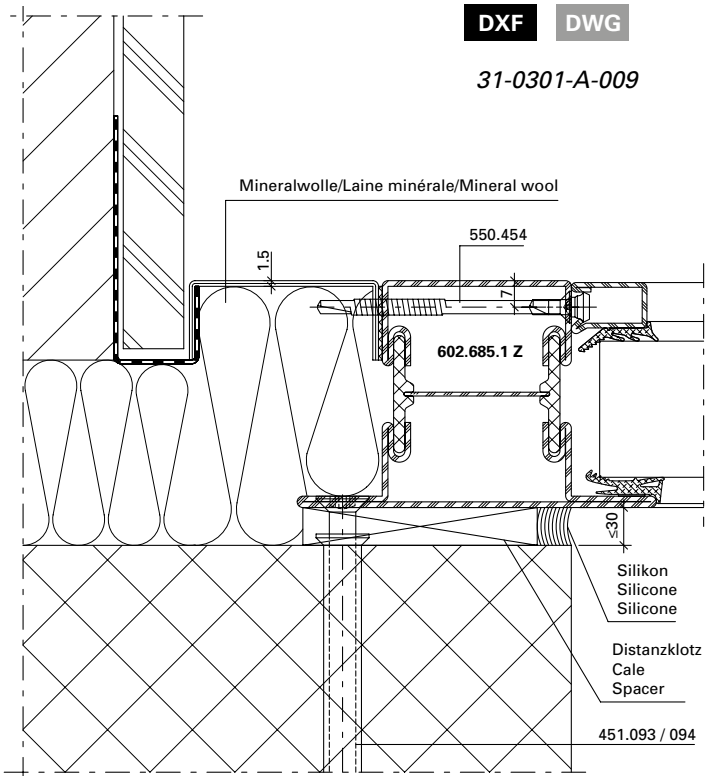
The regulations and bye-laws in force in the particular country must be respected.



Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

Il convient de respecter les prescriptions et règlements des divers pays concernés.

The regulations and bye-laws in force in the particular country must be respected.



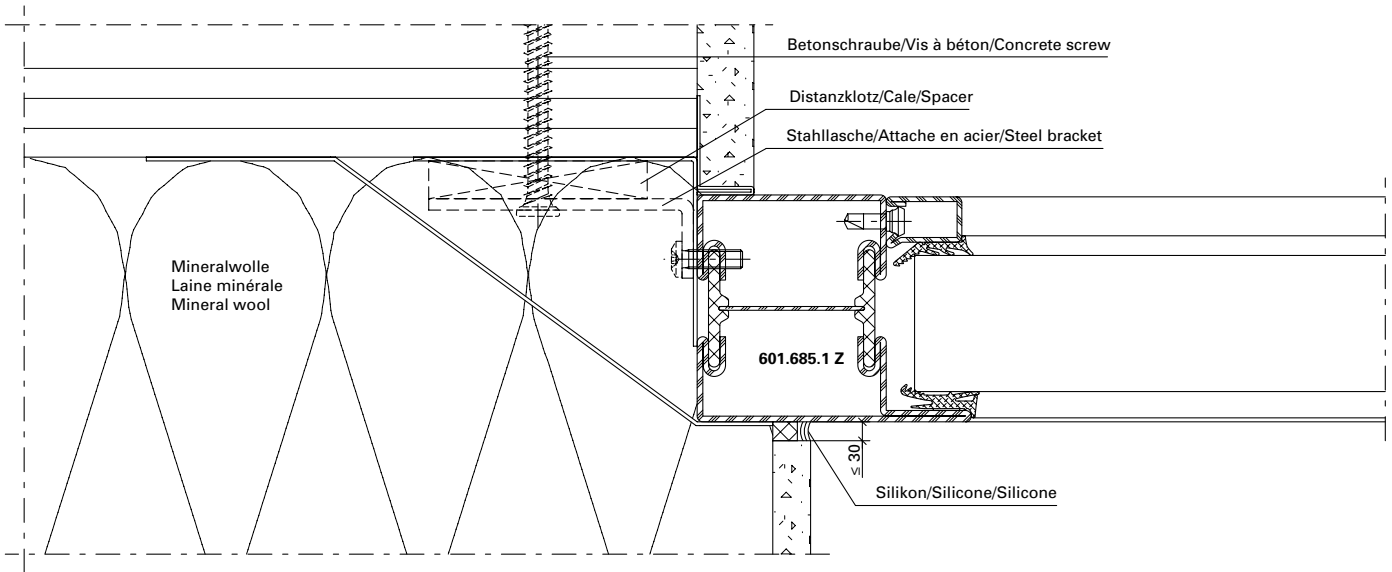
Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

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

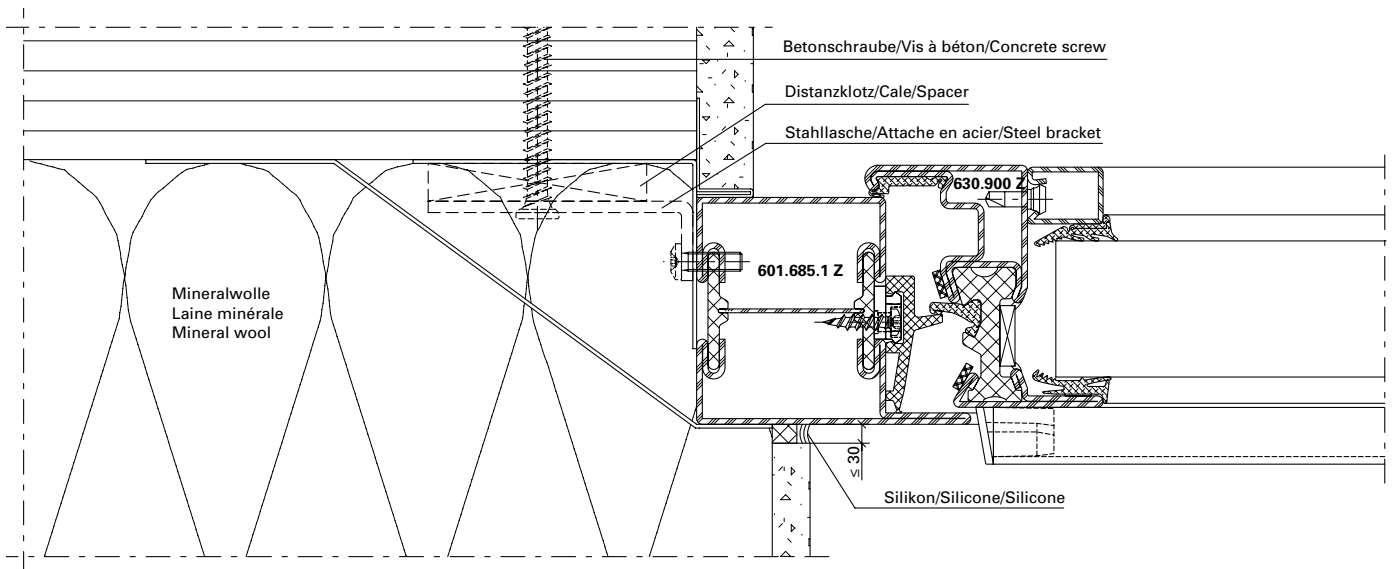
Janisol 1 Brandschutzfenster
Janisol 1 fenêtres feu
Janisol 1 fire-resistant windows



31-0301-A-018

DXF

DWG



31-0301-A-019

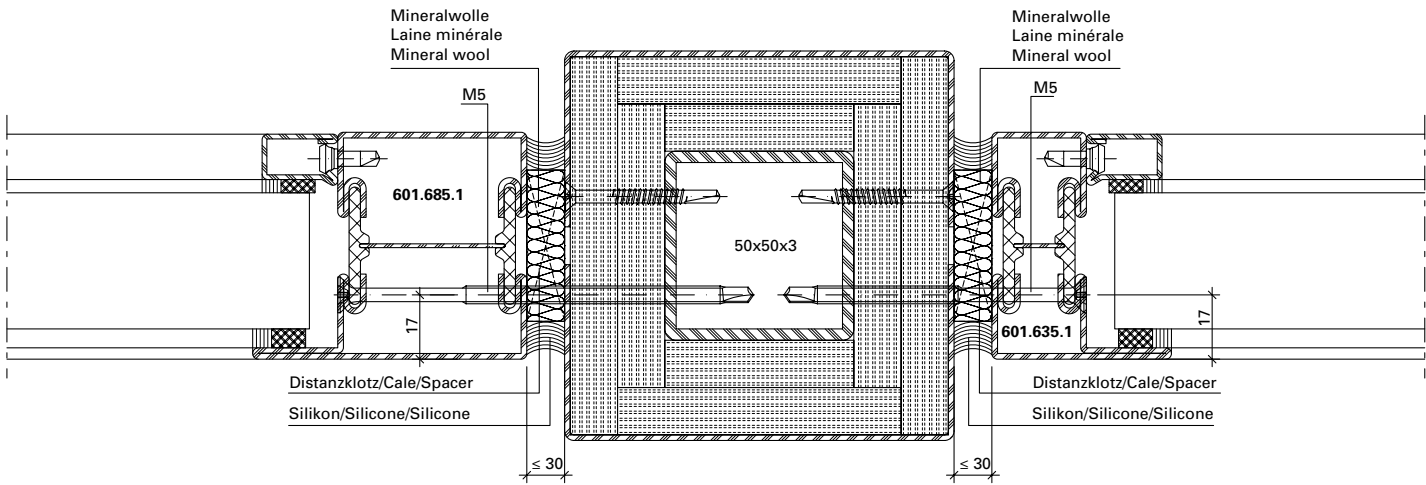
DXF

DWG

Die Vorschriften bzw. Bestimmungen
der verschiedenen Länder sind zu
beachten.

Il convient de respecter les
prescriptions et règlements des
divers pays concernés.

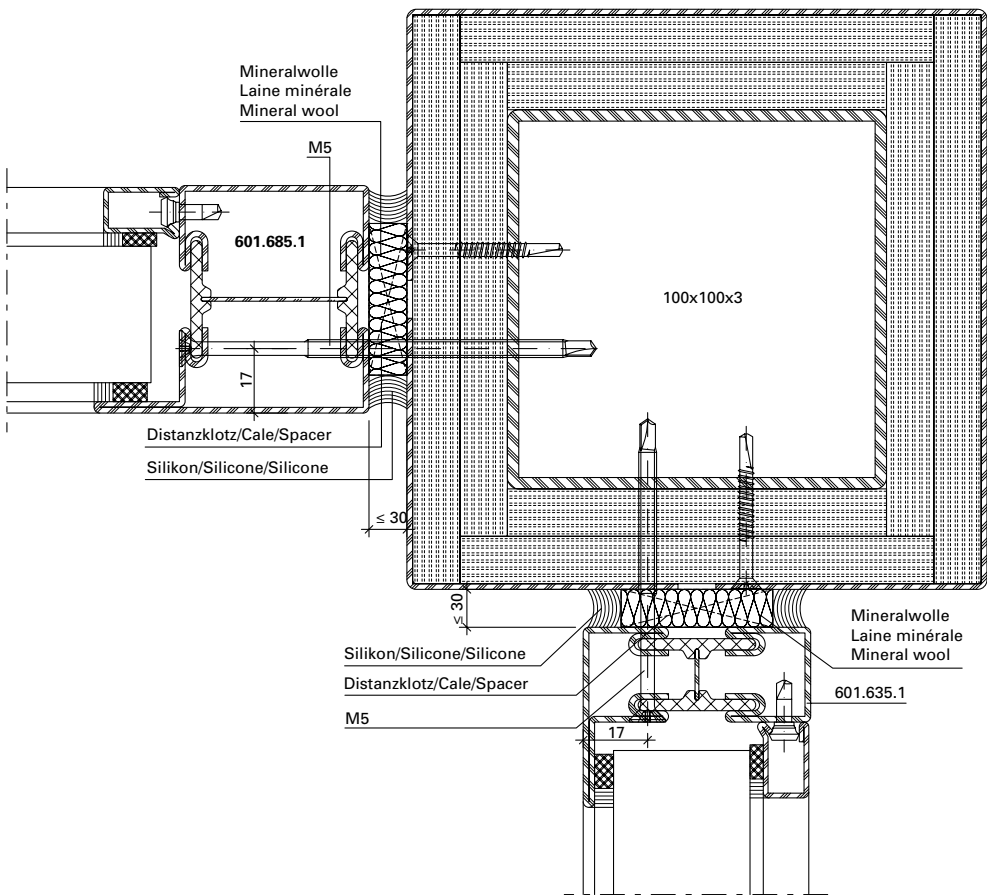
The regulations and bye-laws in
force in the particular country must
be respected.



31-0301-A-020

DXF

DWG



31-0301-A-021

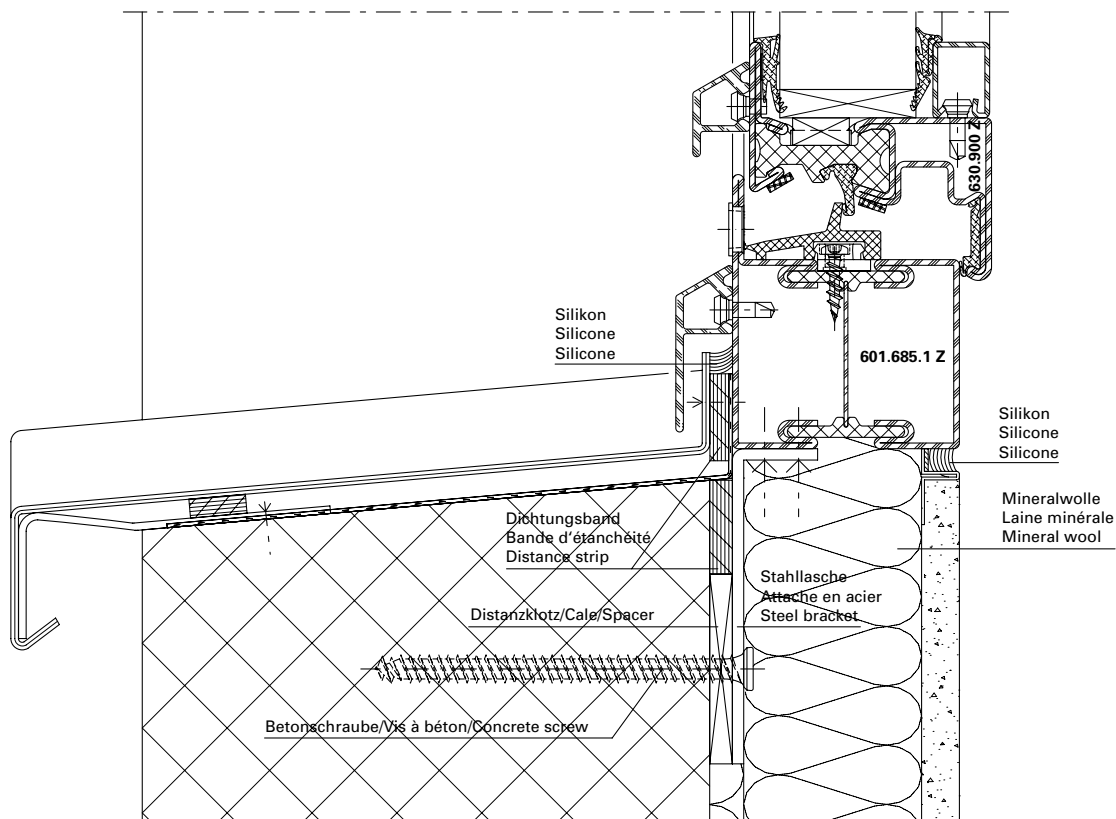
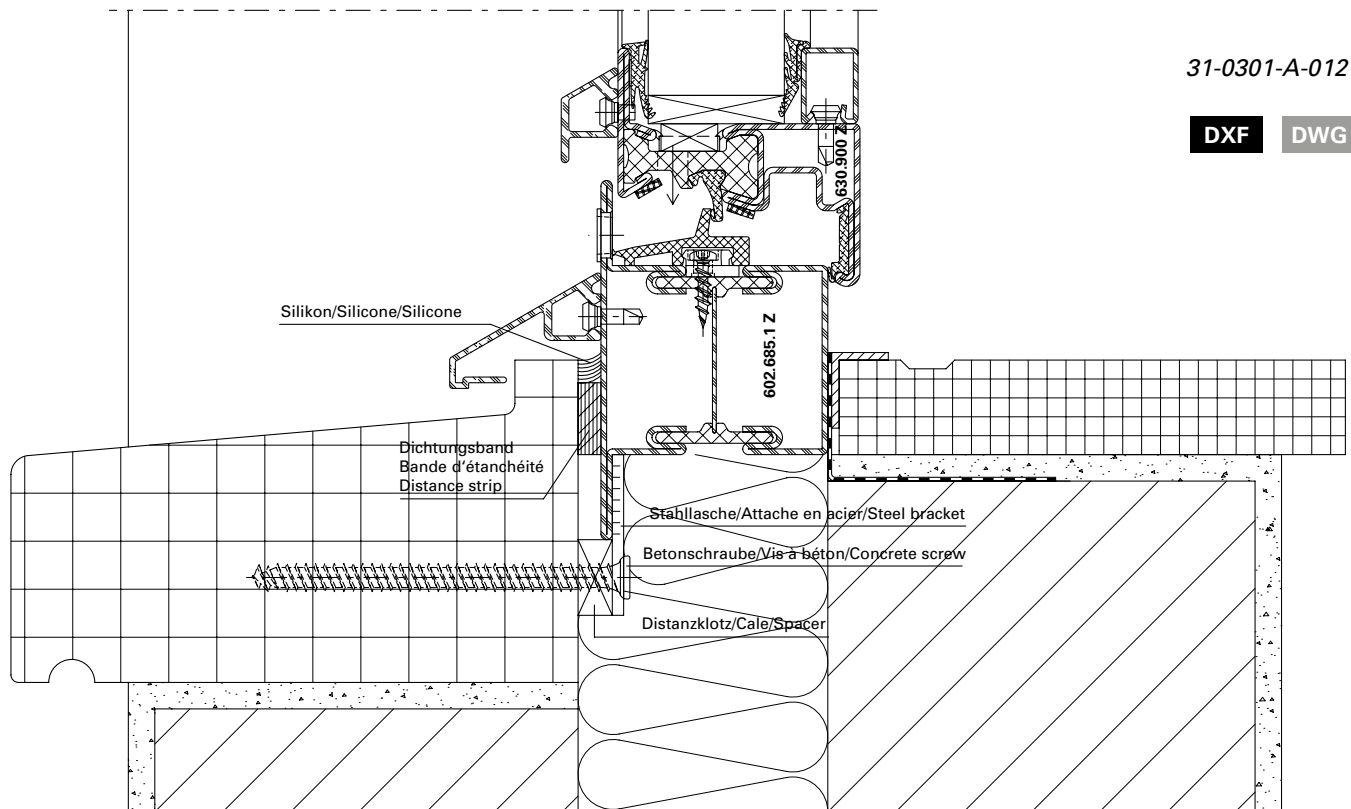
DXF

DWG

Die Vorschriften bzw. Bestimmungen
der verschiedenen Länder sind zu
beachten.

Il convient de respecter les
prescriptions et règlements des
divers pays concernés.

The regulations and bye-laws in
force in the particular country must
be respected.



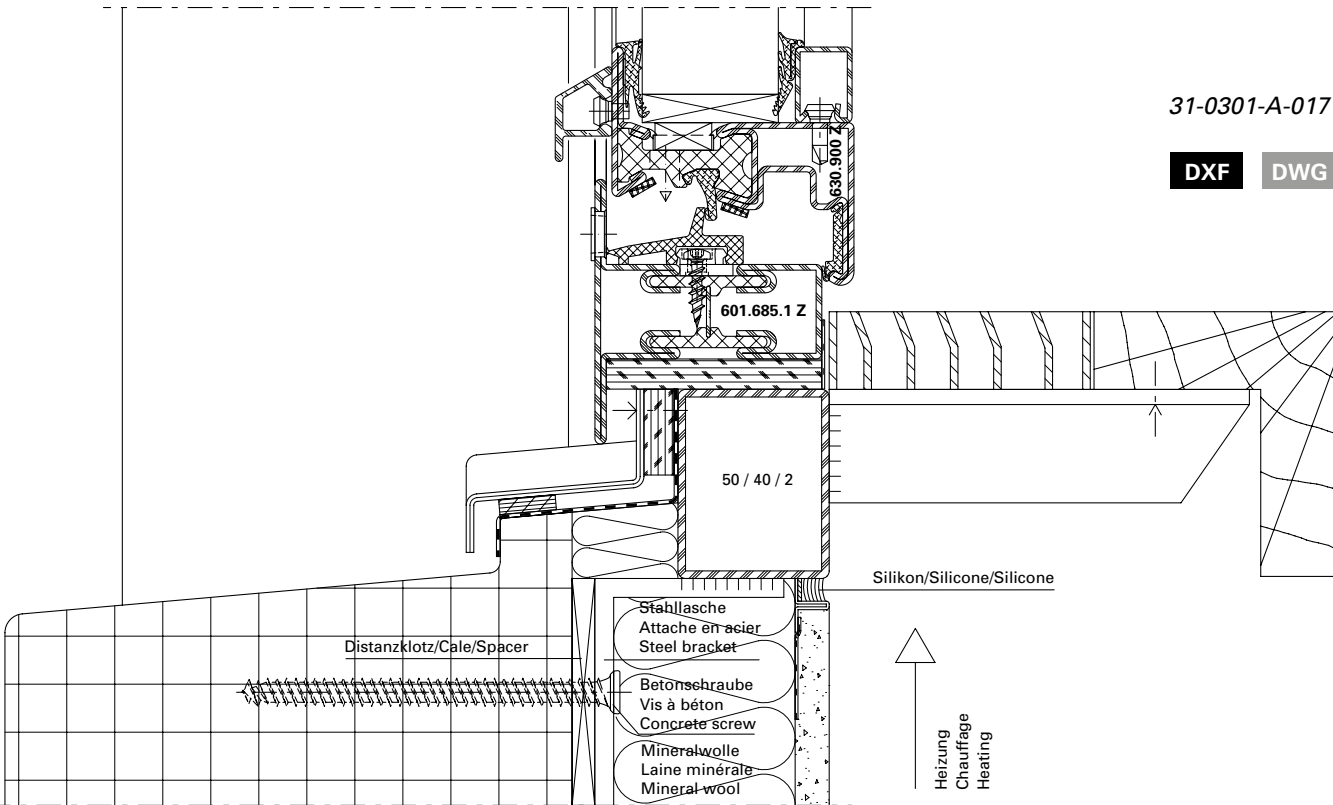
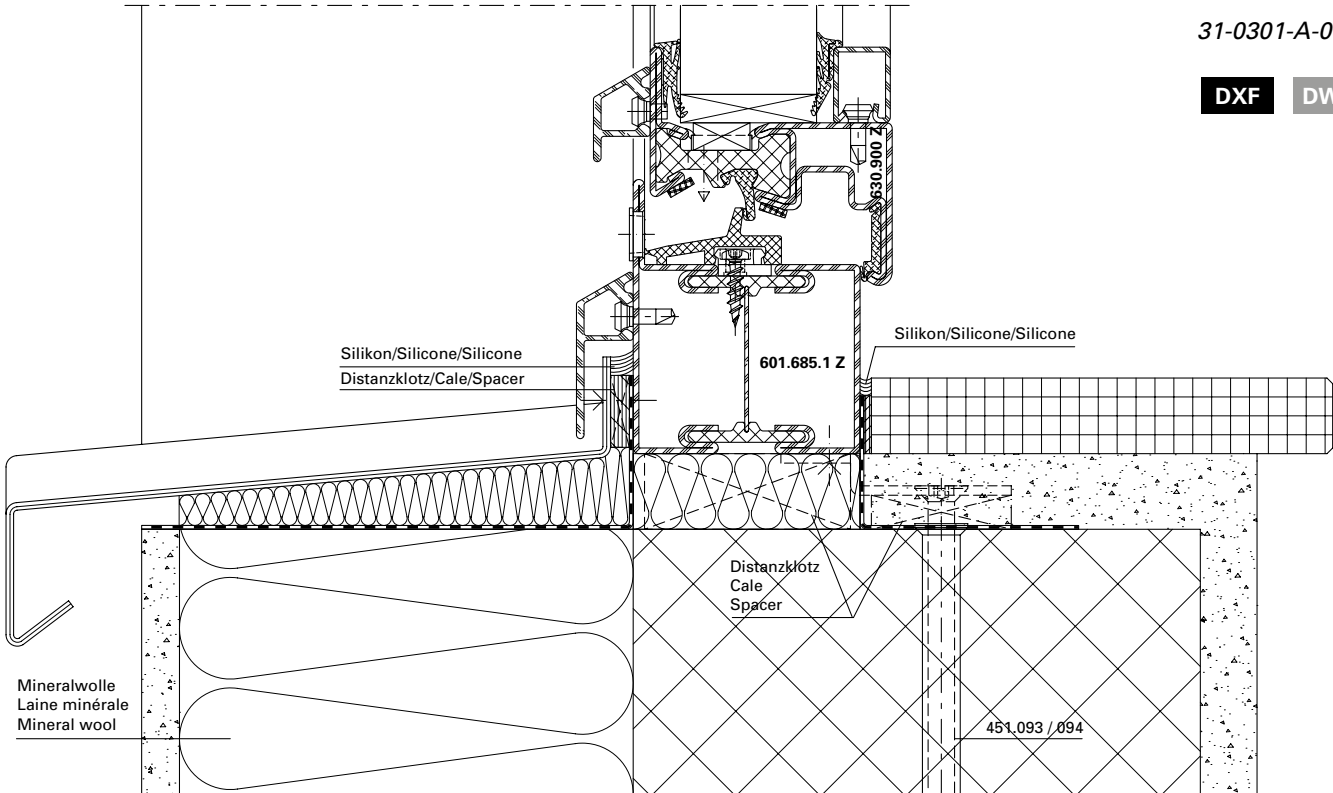
31-0301-A-013

DXF DWG

Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

Il convient de respecter les prescriptions et règlements des divers pays concernés.

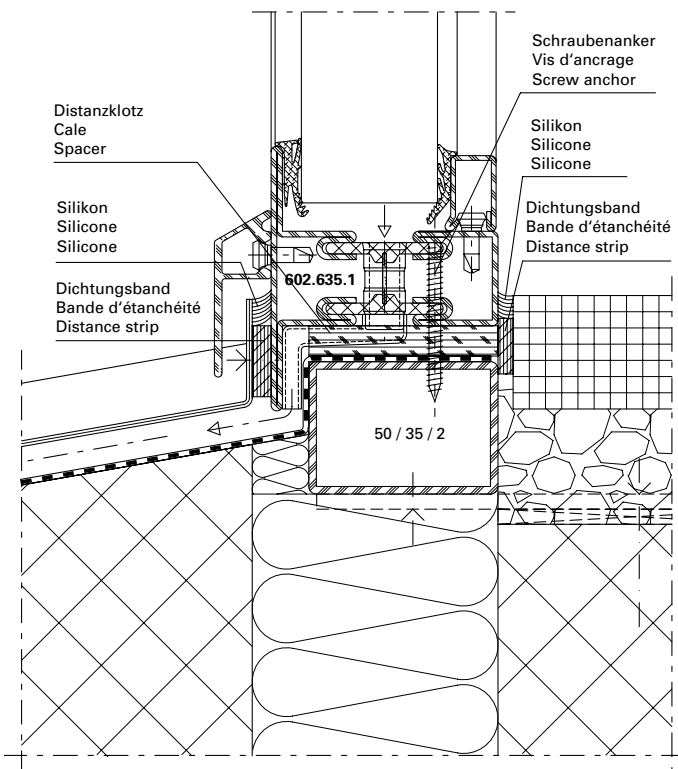
The regulations and bye-laws in force in the particular country must be respected.



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der verschiedenen Länder sind zu
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31-0301-A-014

DXF

DWG

Leistungswerte Fenster aus Stahl
und Edelstahl

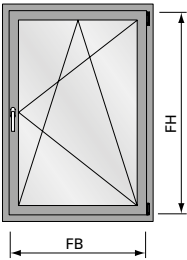
Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

Caractéristiques de performances
Fenêtres en acier et acier Inox

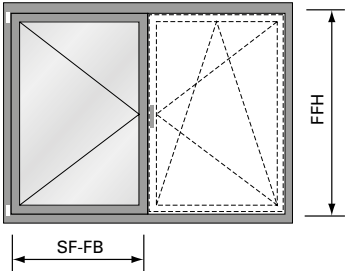
Etanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

Performance values windows made
of steel and stainless steel

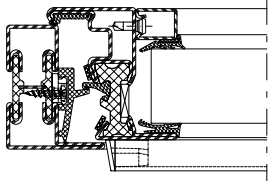
Watertightness
Air permeability
Resistance to wind load



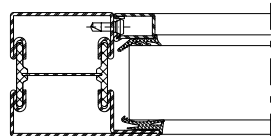
FFB = 1265 mm
FFH = 2300 mm



SF-FB = 1265 mm
FFH = 2300 mm

	 EN 12208	 EN 12207	 EN 12210
	Klasse 8A Classe 8A Class 8A	Klasse 4 Classe 4 Class 4	Klasse C4/B4 Classe C4/B4 Class C4/B4
Größenänderungen Variations dimensionnelles Size changes	-100%	-100%	-100%

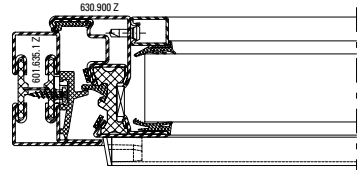
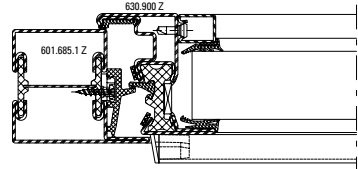
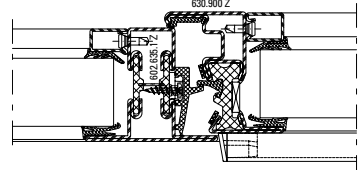
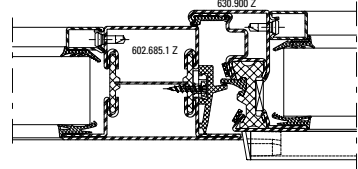
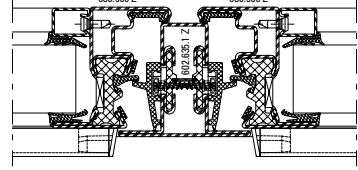
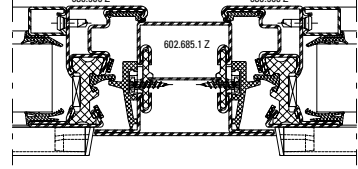
	 EN 12208	 EN 12207	 EN 12210
	Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
	-100%	-100%	-100%

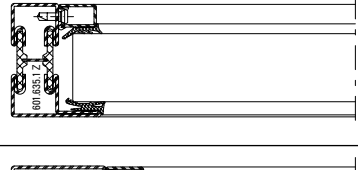
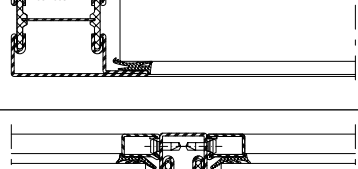
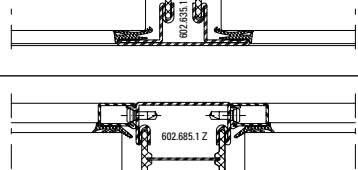
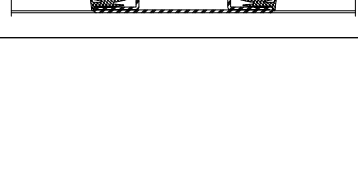
	 EN 12208	 EN 12207	 EN 12210
	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Grösse Festverglasung nach objektspezifischer Glasstatik Taille du vitrage fixe selon la statique du verre spécifique à l'objet Size of fixed glazing according to the glass statics of the specific project			

U_f-Werte

Valeurs U_f

U_f values

	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	2,9 W/m²K
	2.6 W/m²K
	2.8 W/m²K
	2.5 W/m²K
	2.9 W/m²K
	2.7 W/m²K

	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	2.8 W/m²K
	2.3 W/m²K
	2.5 W/m²K
	2.2 W/m²K

Janisol 1 Brandschutzfenster
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