Janisol 1 Brandschutzfenster

Wärmegedämmte 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

JANSEN

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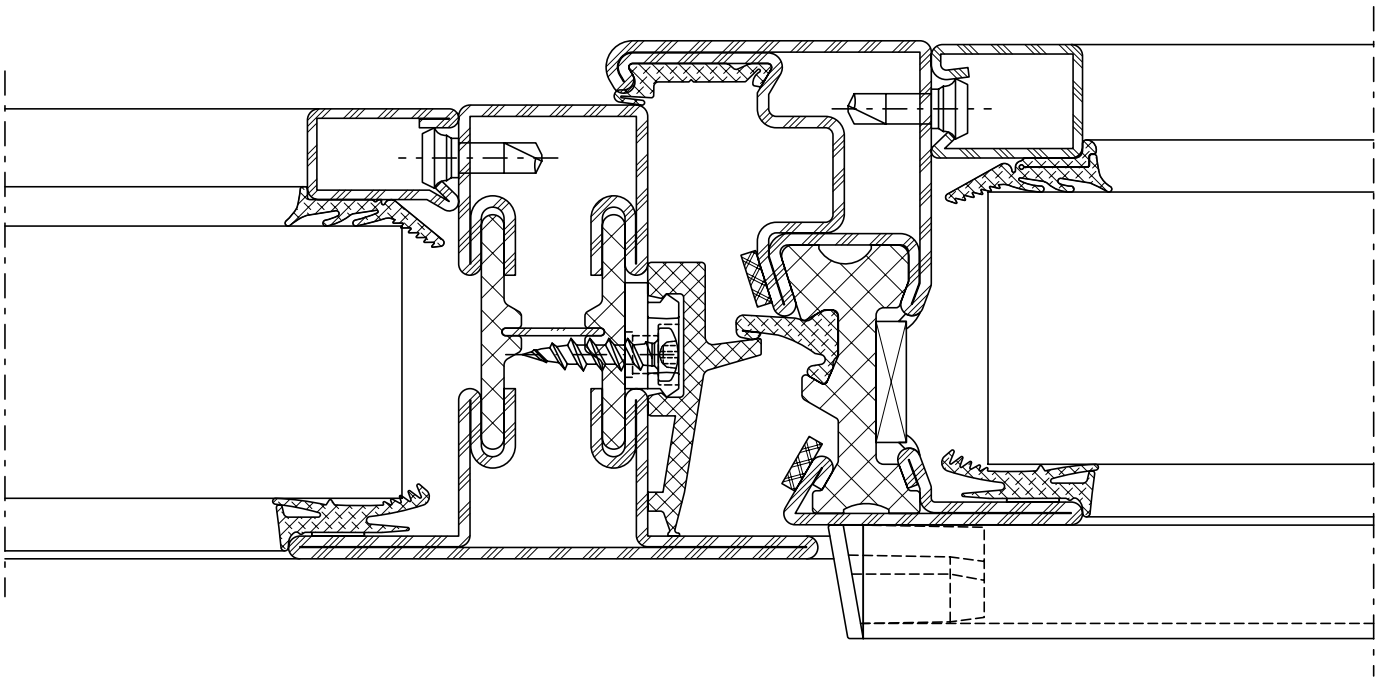
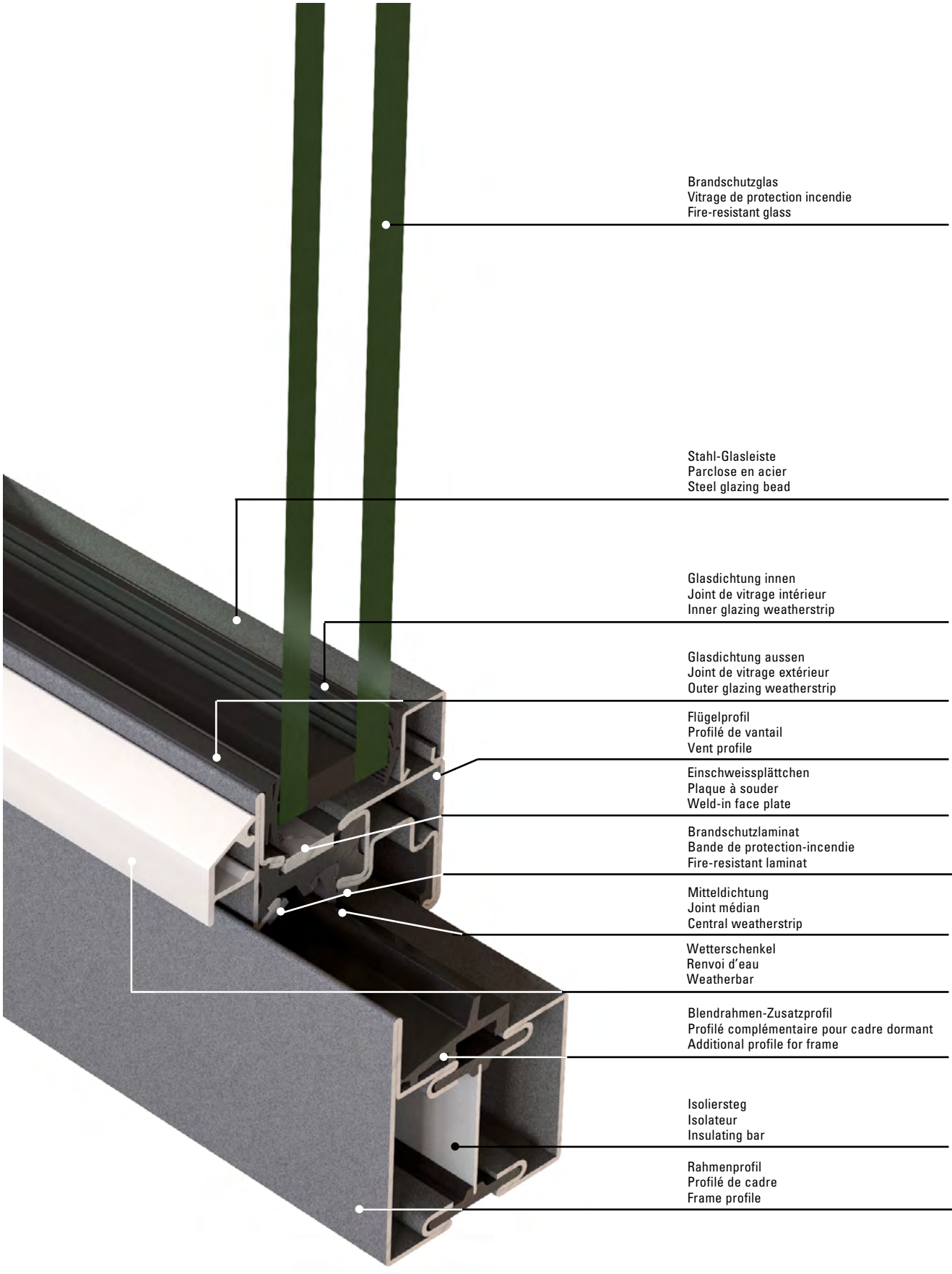
- Wärmegedämmtes Stahlsystem für Fenster und Festverglasungen
- Bautiefe 60 mm, Fensterflügel 64 mm
- Schmale Ansichtsbreiten: Rahmen inkl. Flügel ab 82,5 mm Stulpflügelpartie 103 mm
- Ein- und zweiflüglige Dreh- und Drehkippfenster
- Dreh- und Drehkipp-Fensterflügel bis 1265 x 2300 mm (BxH)
- Flügelgewichte: 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 Isolierstег 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




Brandschutzglas
Vitrage de protection incendie
Fire-resistant glass
Stahl-Glasleiste
Parclose en acier
Steel glazing bead
Glasdichtung innen
Joint de vitrage intérieur
Inner glazing weatherstrip
Glasdichtung aussen
Joint de vitrage extérieur
Outer glazing weatherstrip
Flügelprofil
Profilé de vantail
Vent profile
Einschweissplättchen
Plaque à souder
Weld-in face plate
Brandschutzlaminat
Bande de protection-incendie
Fire-resistant laminat
Mitteldichtung
Joint médian
Central weatherstrip
Wetterschenkel
Renvoi d'eau
Weatherbar
Blendrahmen-Zusatzprofil
Profilé complémentaire pour cadre dormant
Additional profile for frame
Isoliersteg
Isolateur
Insulating bar
Rahmenprofil
Profilé de cadre
Frame profile

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** **Etanchéité 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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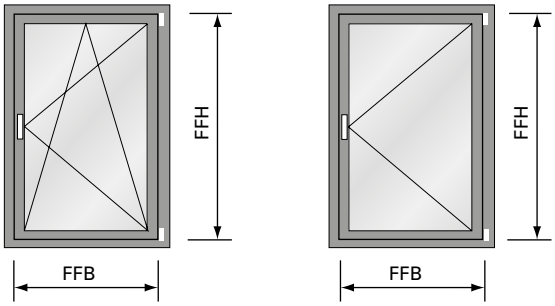


Flügelgrössen
Drehkipp- und Drehfenster

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

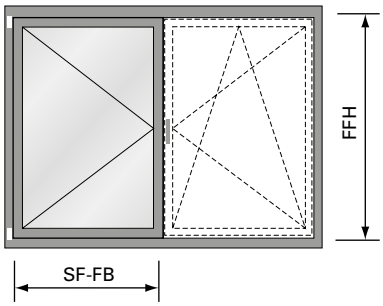
Max.	FFH =	2300 mm
	FFB =	1265 mm
Min.	FFH =	575 mm
	FFB =	370 mm

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:

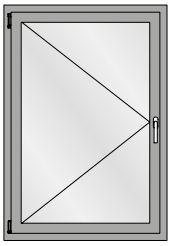
Max.	FFH =	2300 mm
	SF-FB =	1265 mm
Min.	FFH =	575 mm
	SF-FB =	370 mm

Poids max.: 150 kg
FFB/FFH: ≤ 2

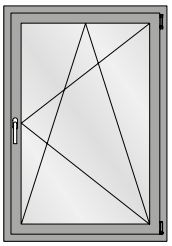
Size of vents
double-vent windows:

Max.	FFH =	2300 mm
	SF-FB =	1265 mm
Min.	FFH =	575 mm
	SF-FB =	370 mm

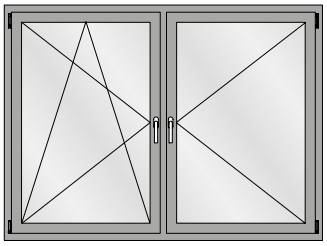
Max. weight: 150 kg
FFB/FFH: ≤ 2



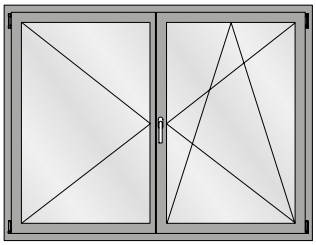
Drehflügel
Fenêtre à la française
Side-hung window



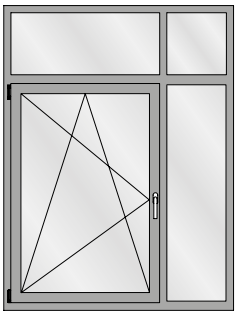
Drehkipp-Flügel
Vantail oscillo-battant
Turn/tilt window



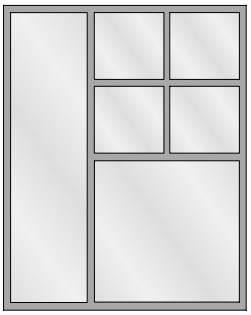
Drehkipp/Dreh-Flügel
Vantail oscillo-battant/fenêtre à la française
Side-hung/turn/tilt window



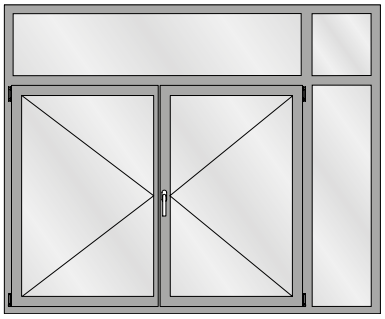
Stulpfenster
Fenêtre à deux vantaux
Double leaf window



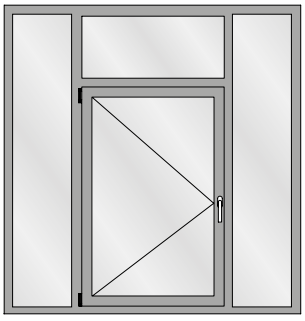
Fenster Drehkipp mit festem Oberlicht
Vantail oscillo-battant avec imposte fixe
Window, turn/tilt withfixed top light



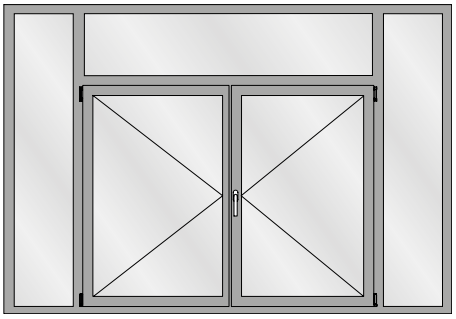
Festverglasung
Vitrage fixe
Fixed glazing



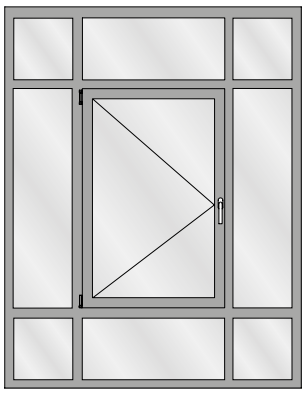
Zweiflügeliges Fenster mit festem Oberlicht und festem Seitenteil
Fenêtre à deux vantaux avec parties latérales fixes et impostes fixes
Double leaf window with fixed side lights and fixed top lights



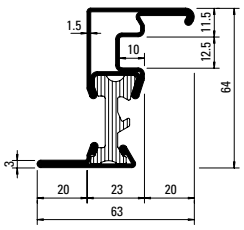
Einflügeliges Fenster mit festem Oberlicht und festen Seitenteilen
Fenêtre à un vantail avec parties latérales fixes et impostes fixes
Single leaf window with fixed side lights and fixed top lights



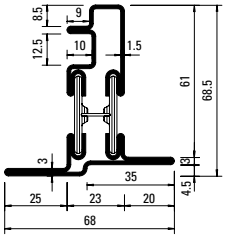
Zweiflügeliges Fenster mit festem Oberlicht und festem Seitenteil
Fenêtre à deux vantaux avec parties latérales fixes et impostes fixes
Double leaf window with fixed side lights and fixed top lights



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

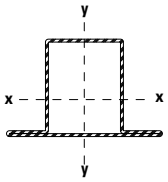


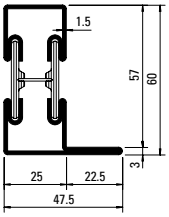
630.900 Z



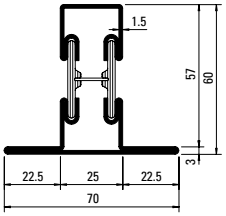
630.901 Z

Stabachse
Axe de la barre
Bar axis





601.635.1 Z



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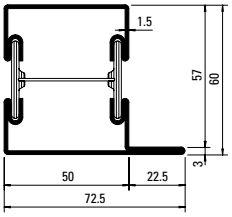
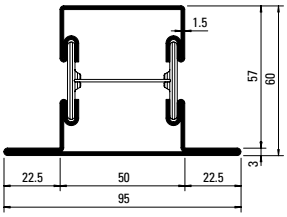


601.685.1 Z



602.685.1 Z

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DXF DWG

Oberfläche/Werkstoff

Artikel-Nr.

mit Z = Bandverzinkter Stahl

Surface/Matériau

No. d'article

avec Z = Bande d'acier zinguée

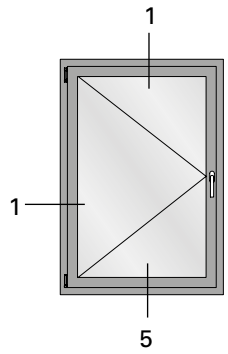
Surface/Material

Part no.

with Z = Strip galvanised steel

Profil-Nr.	G kg/m	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/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	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/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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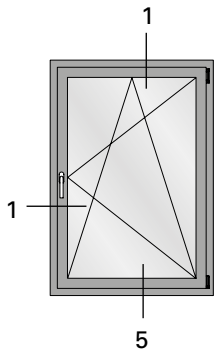
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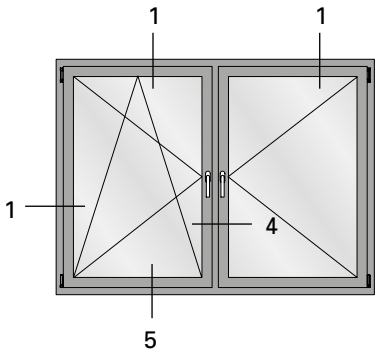
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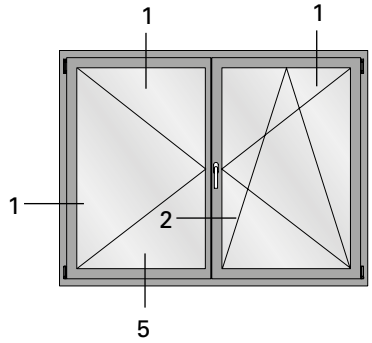
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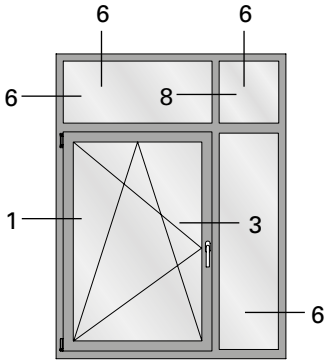
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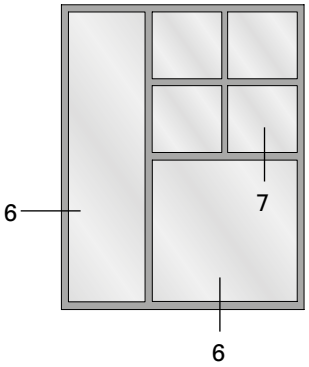
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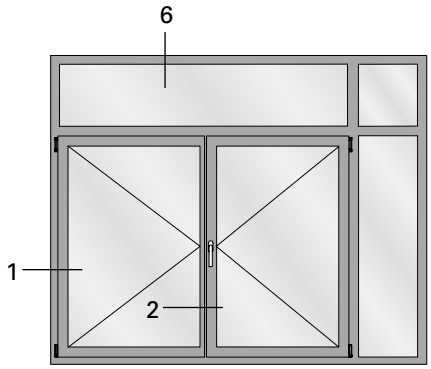
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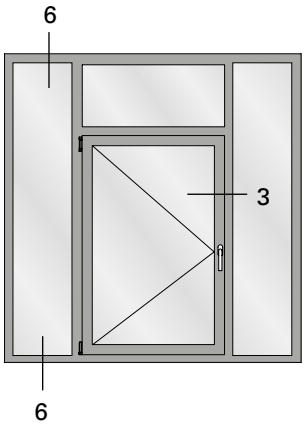
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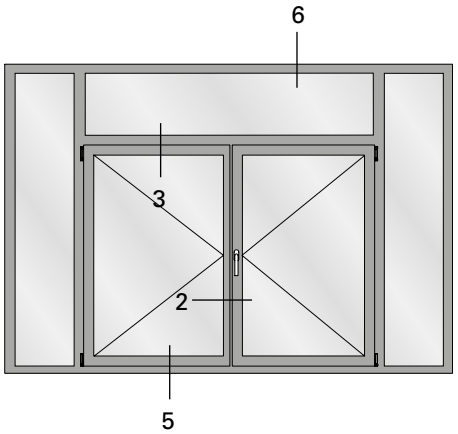
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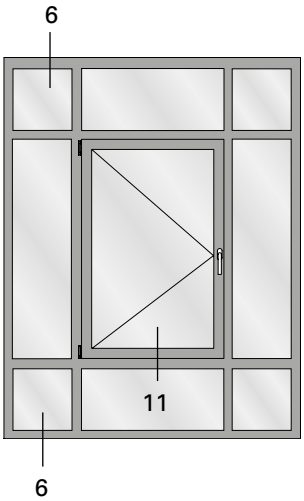
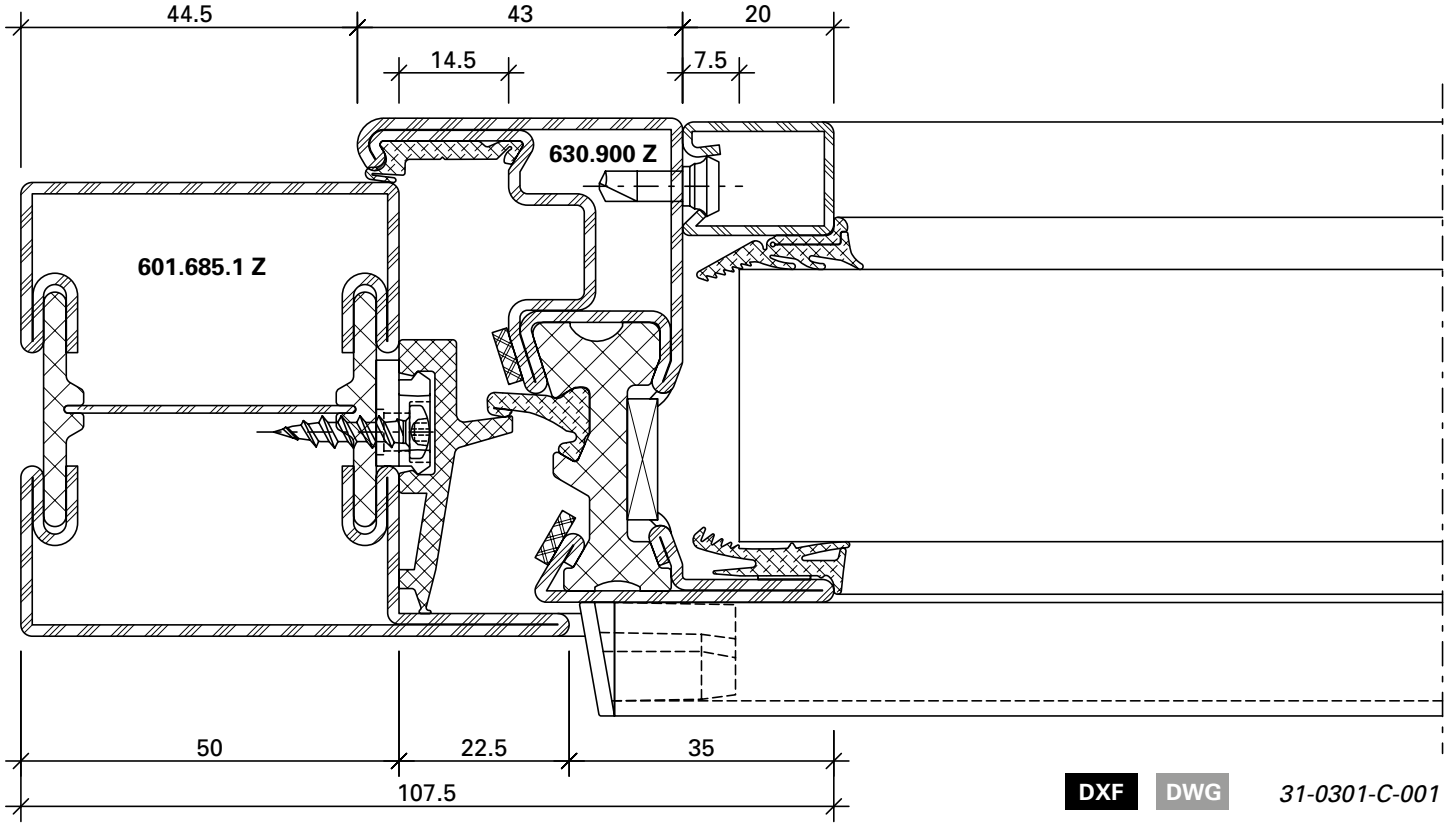
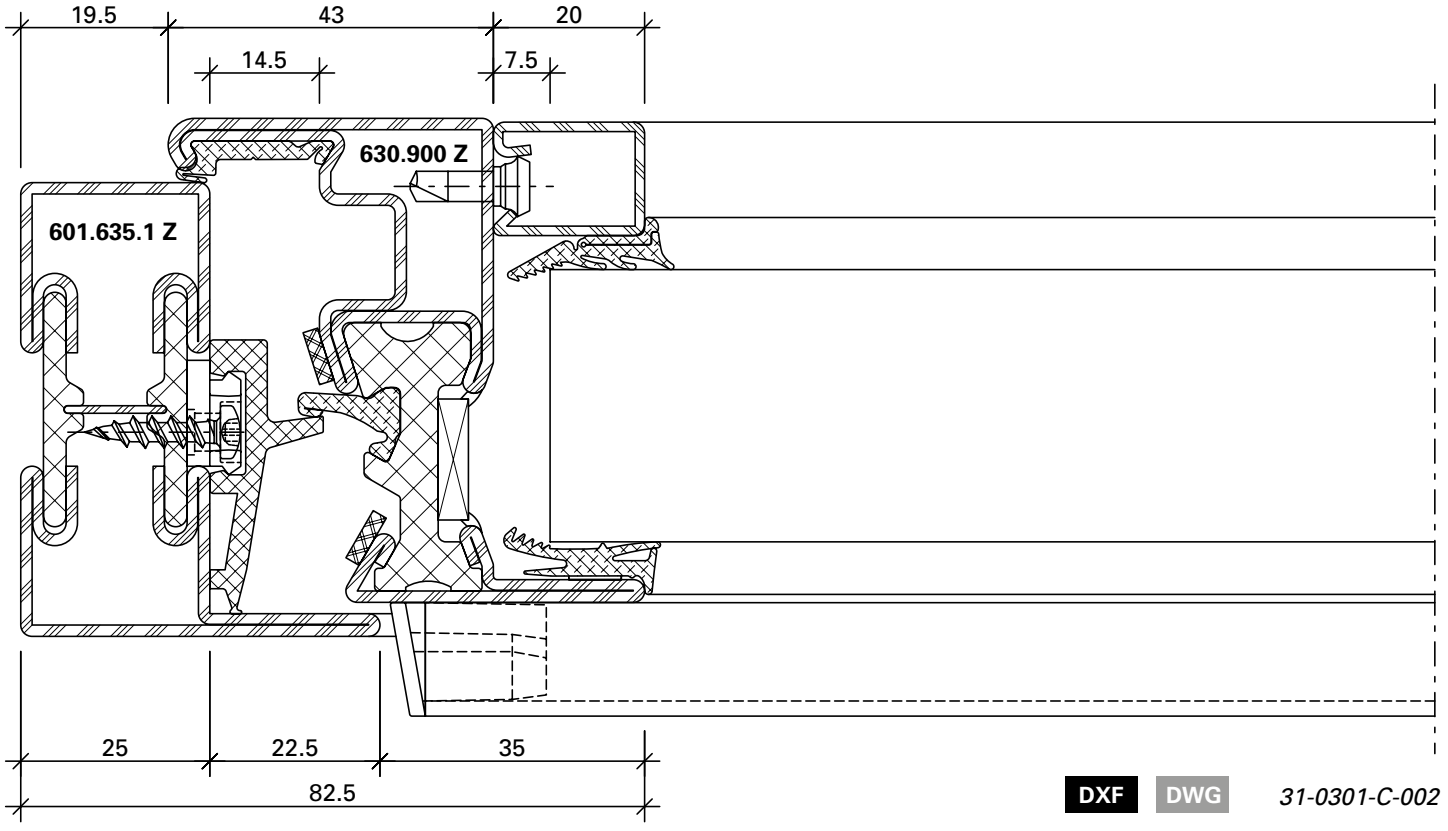

6
11
6

1.0



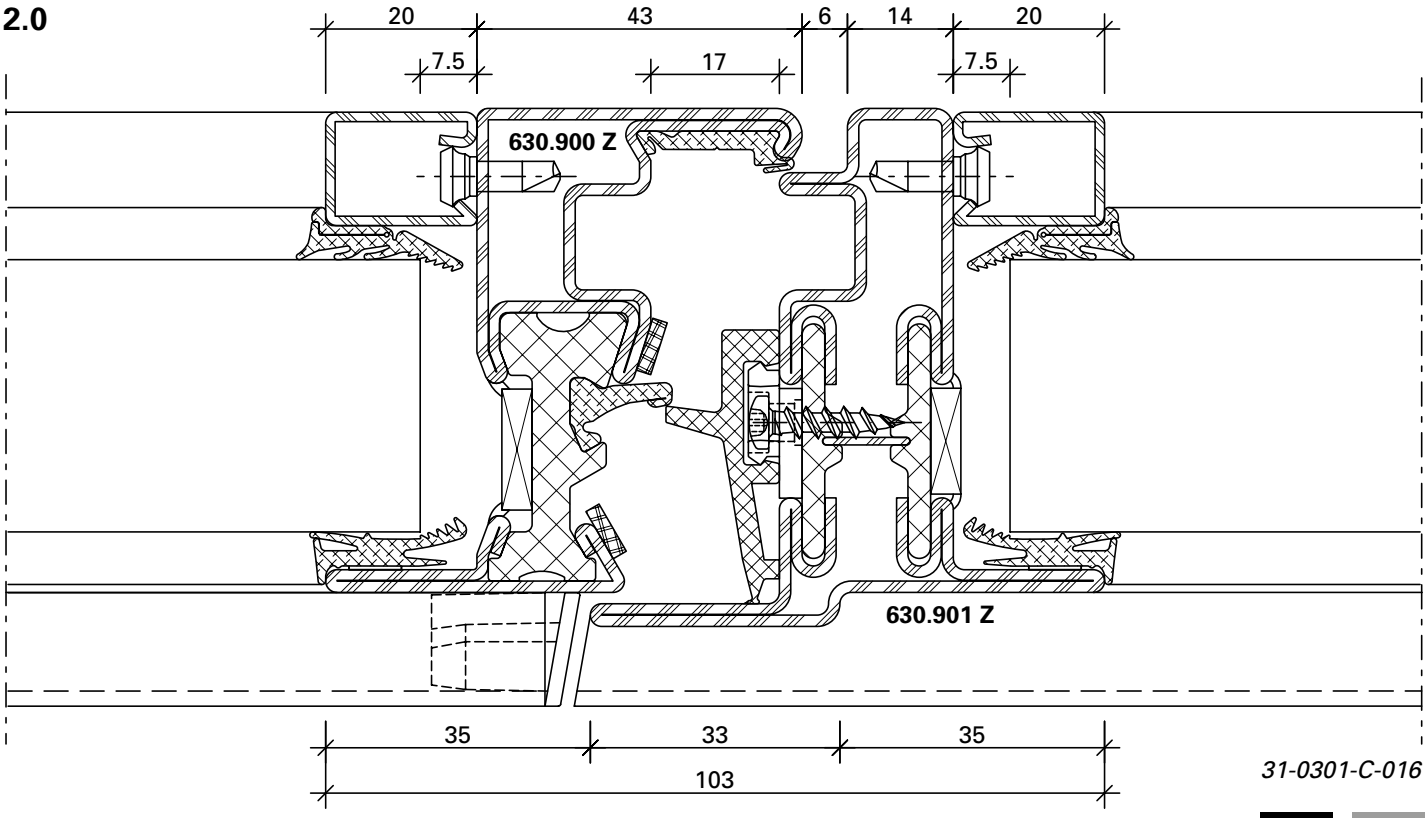
DXF DWG *31-0301-C-001*

1.1



DXF DWG *31-0301-C-002*

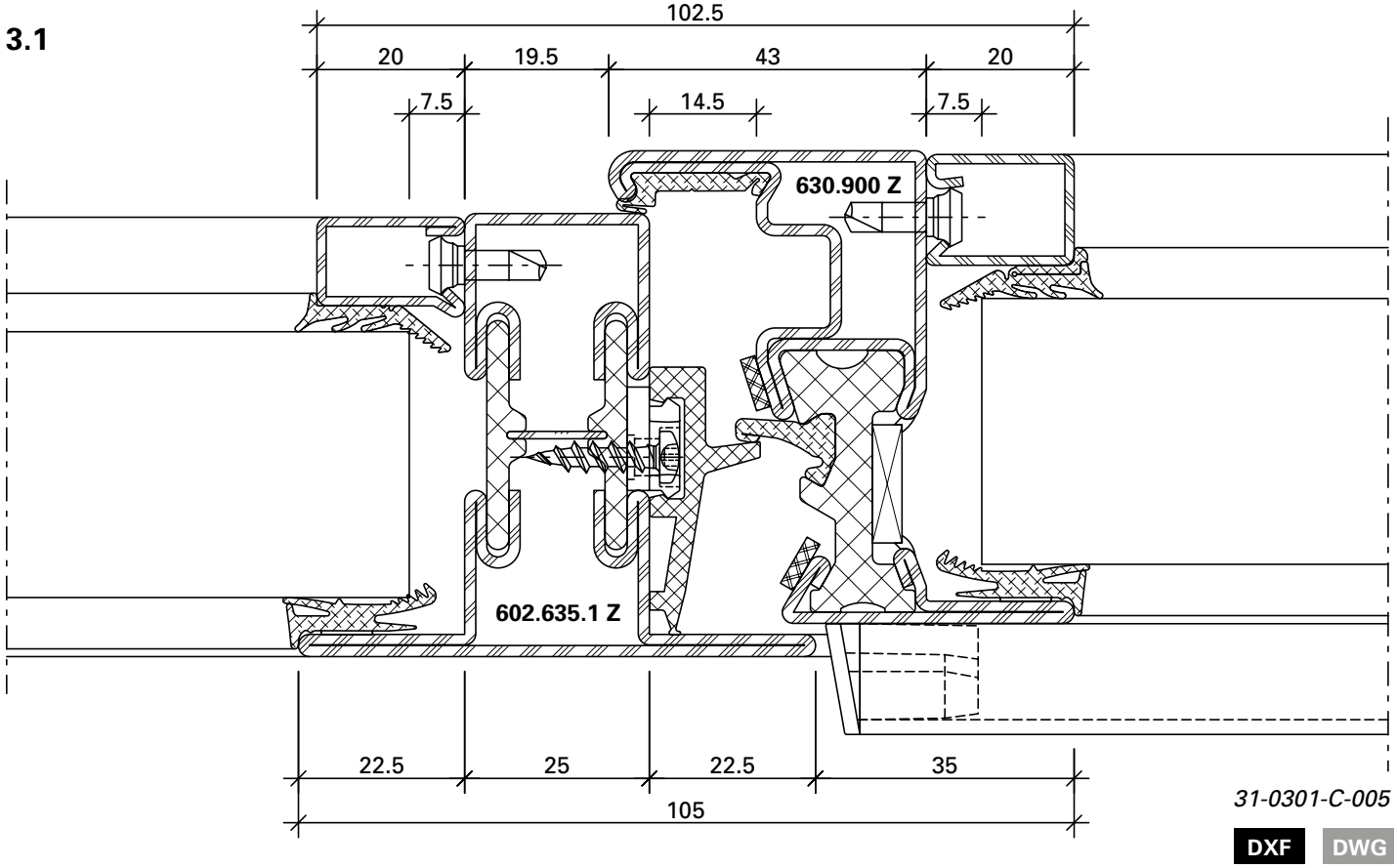
2.0



31-0301-C-016

DXF DWG

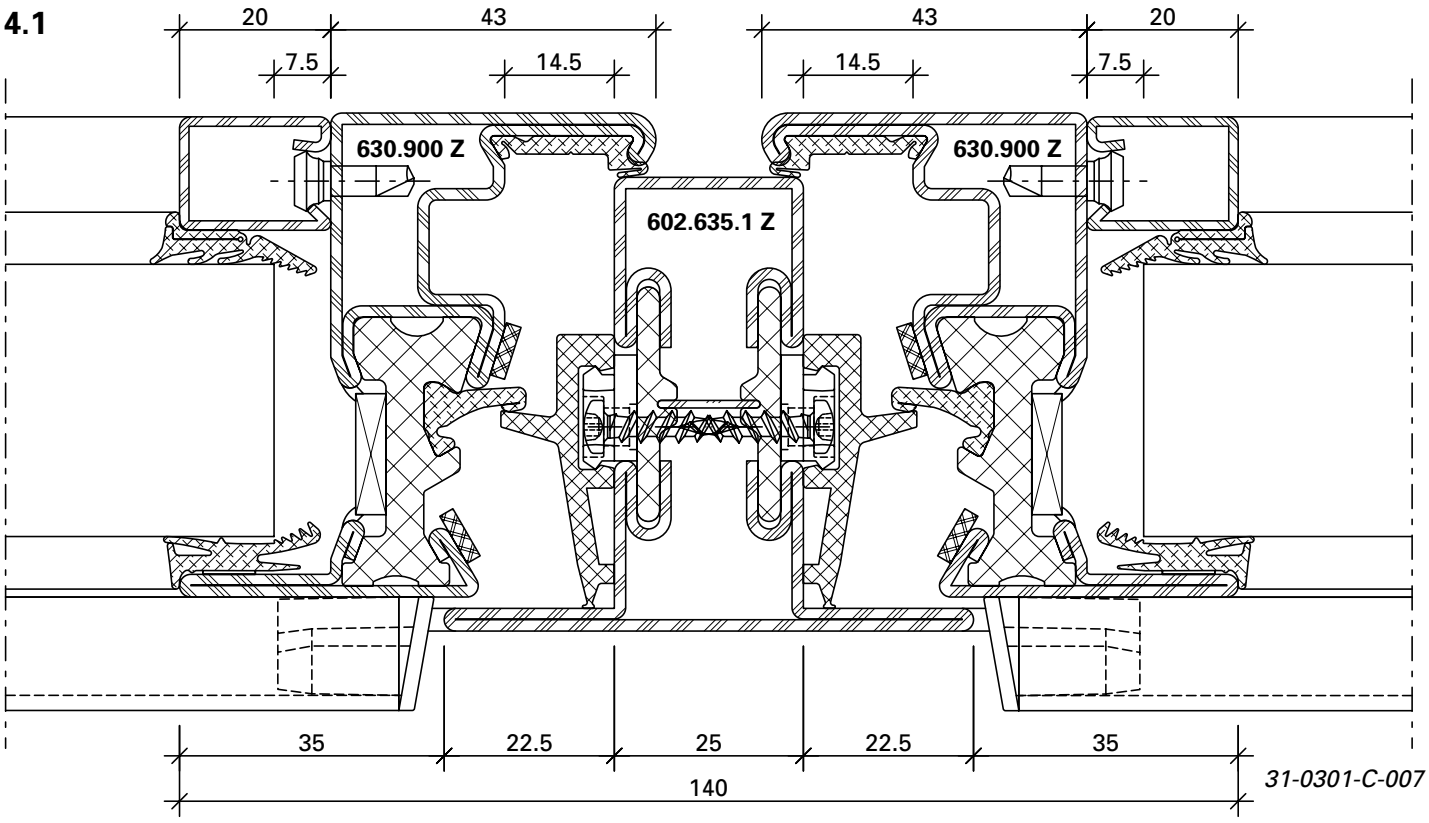
3.1



31-0301-C-005

DXF DWG

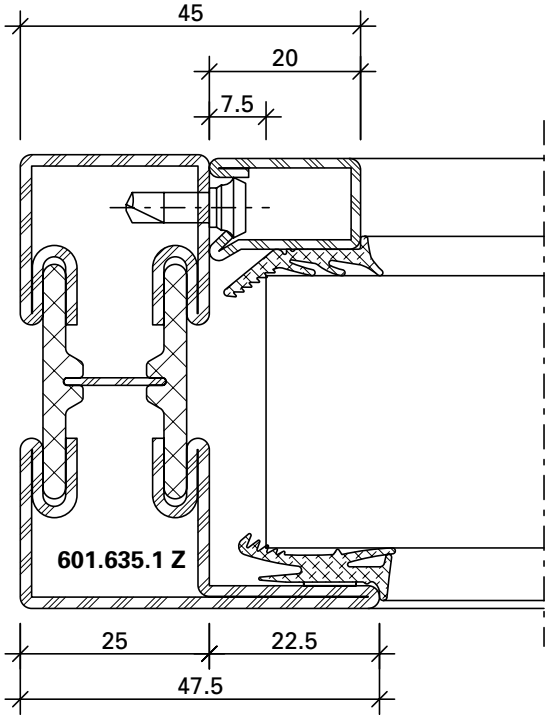
4.1



31-0301-C-007

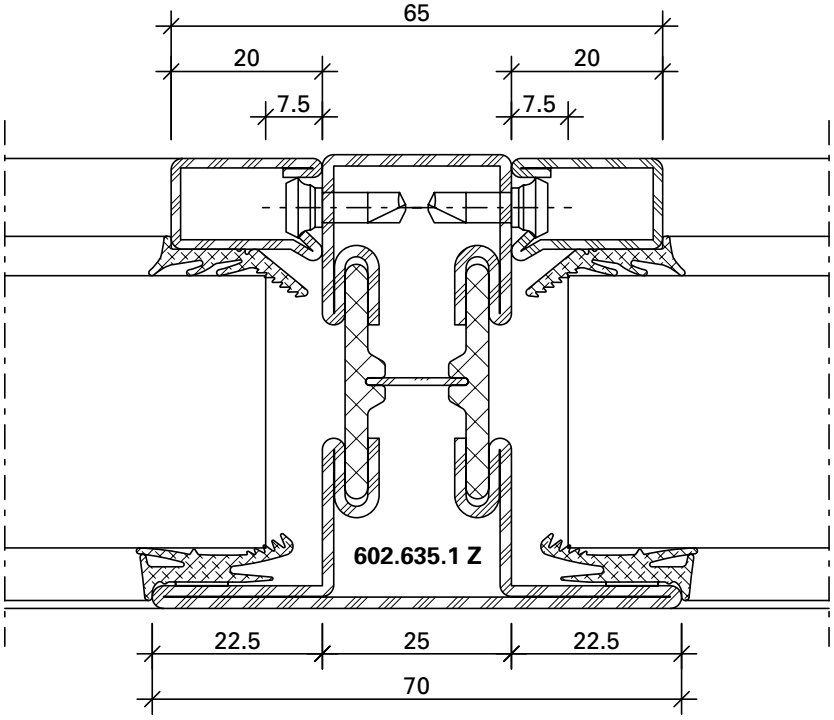
DXF DWG

6.1



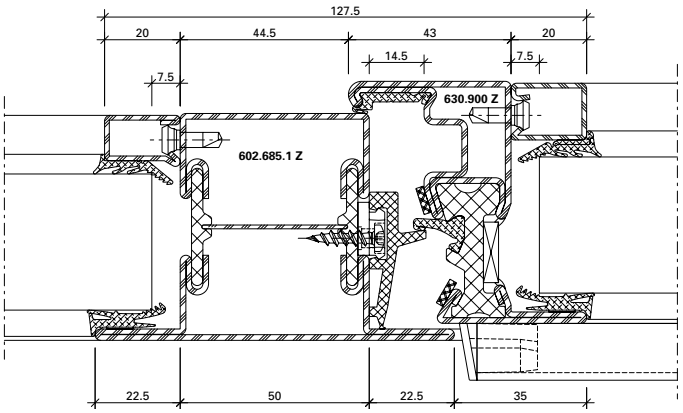
31-0301-C-004 **DXF** DWG

8.1



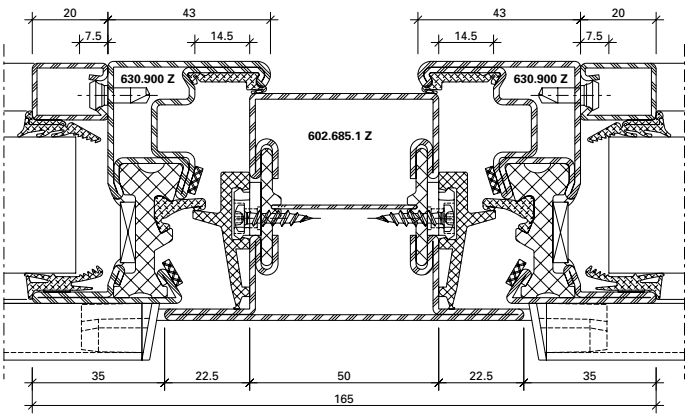
31-0301-C-009 **DXF** DWG

3.0



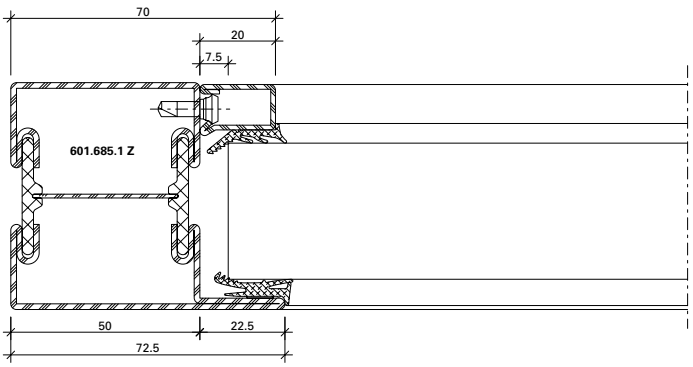
DXF DWG *31-0301-C-010*

4.0



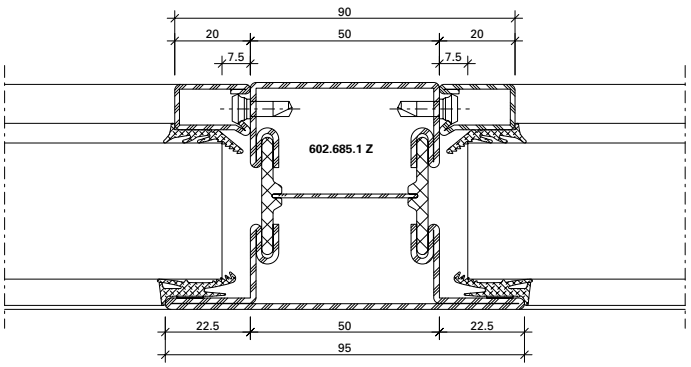
DXF DWG *31-0301-C-011*

6.0



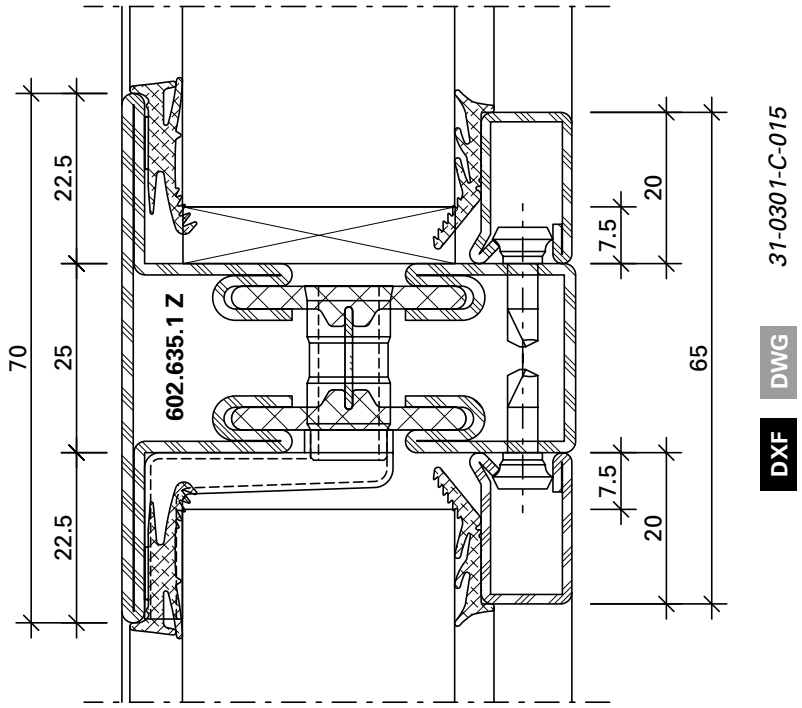
DXF DWG *31-0301-C-003*

8.0



DXF DWG *31-0301-C-006*

7.1

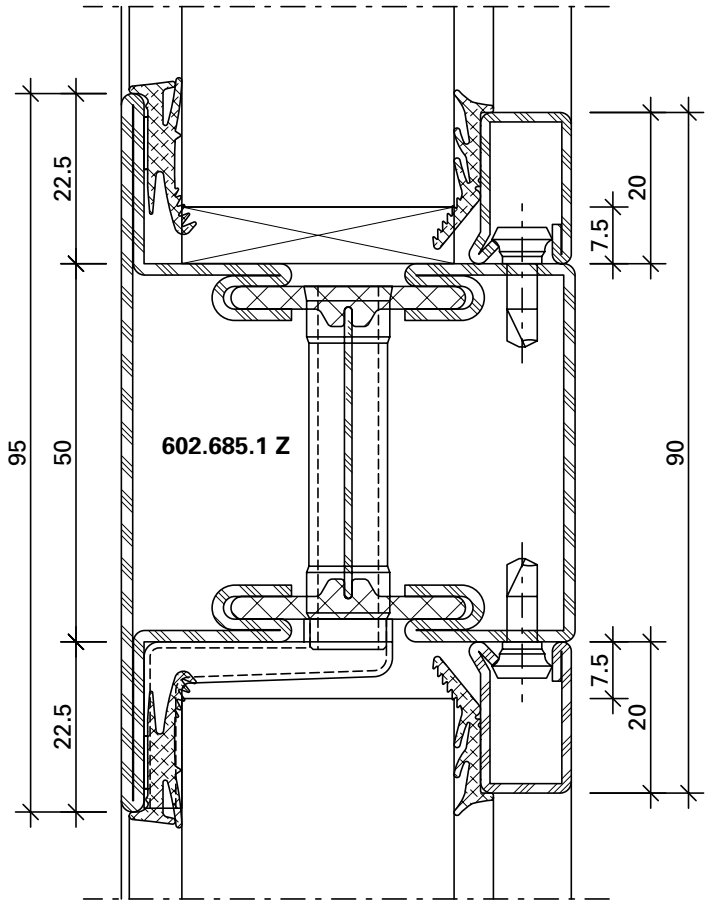


31-0301-C-015

DWG

DXF

7.0

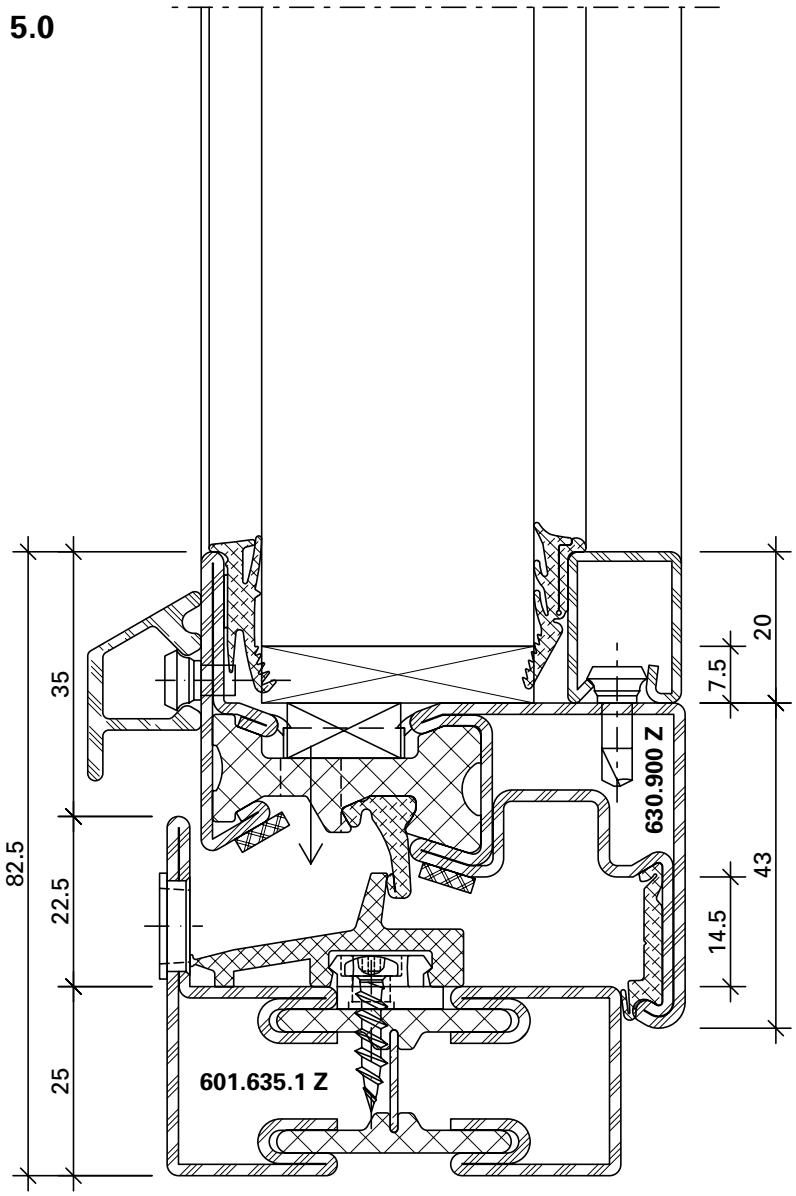


31-0301-C-012

DWG

DXF

5.0

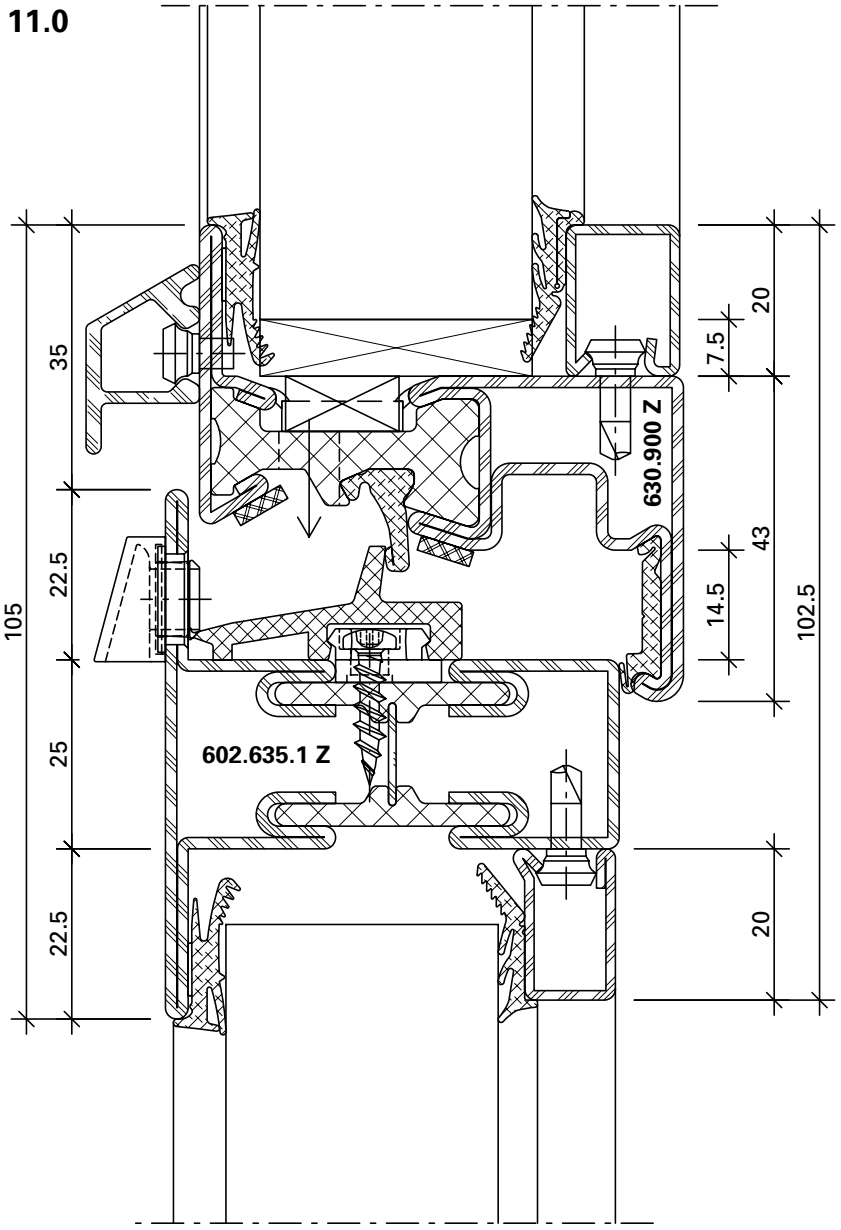


31-0301-C-013

DWG

DXF

11.0

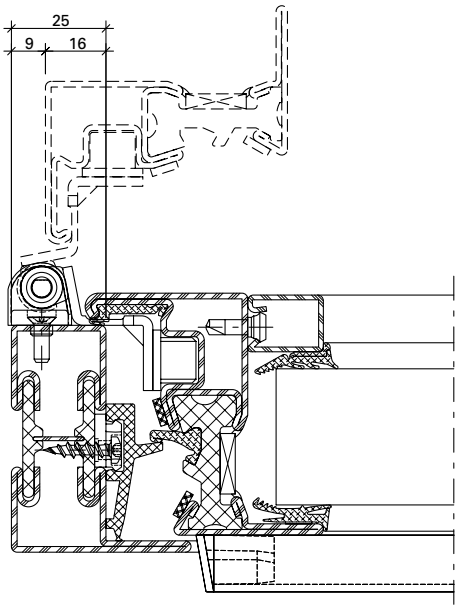


31-0301-C-014

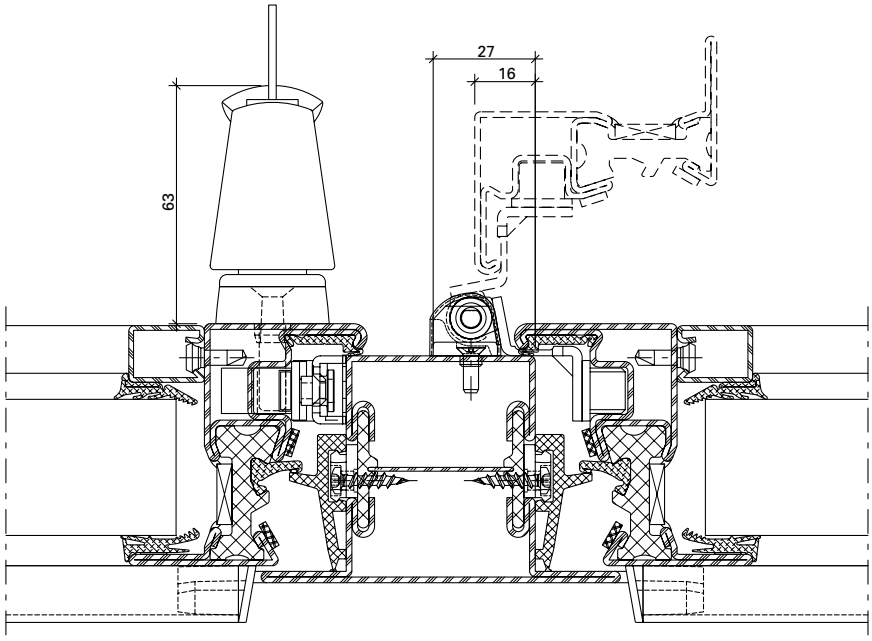
DWG

DXF

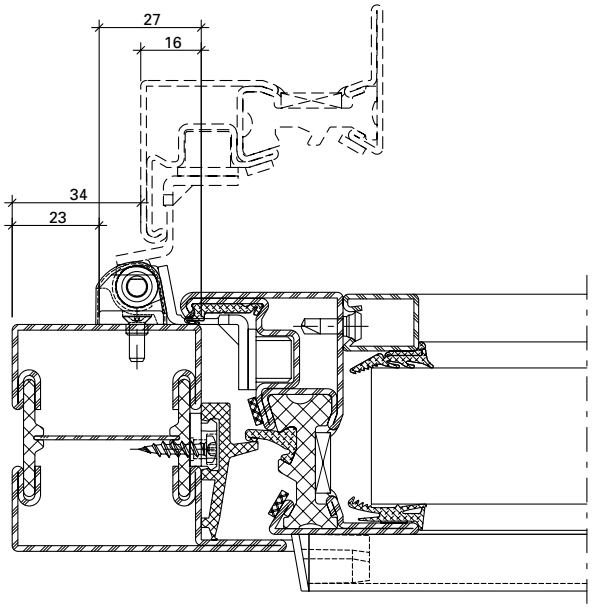
Platzbedarf
Standard-Fensterbeschlag

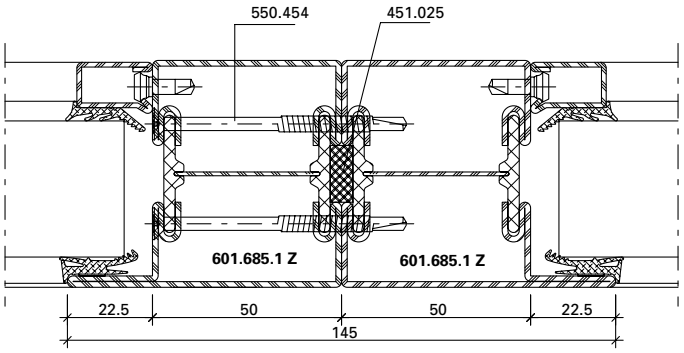


Espace nécessaire
Ferrure de fenêtre standard

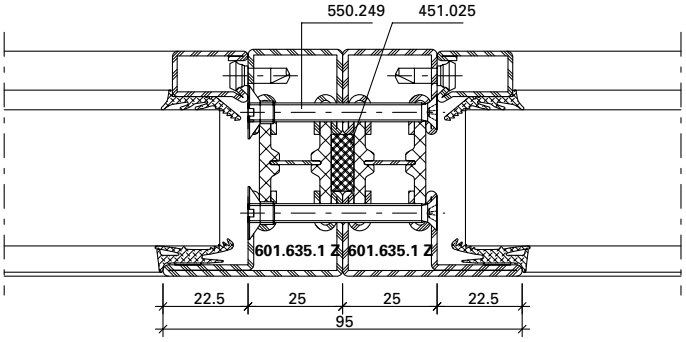


Space required
Standard window fitting

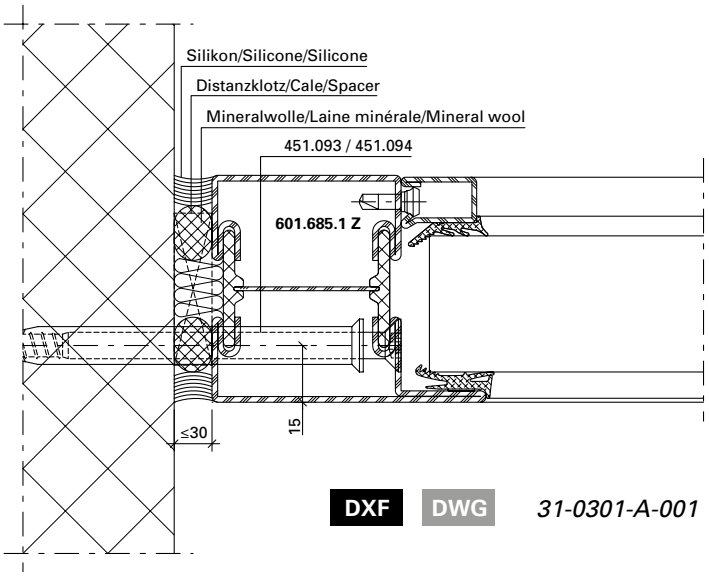




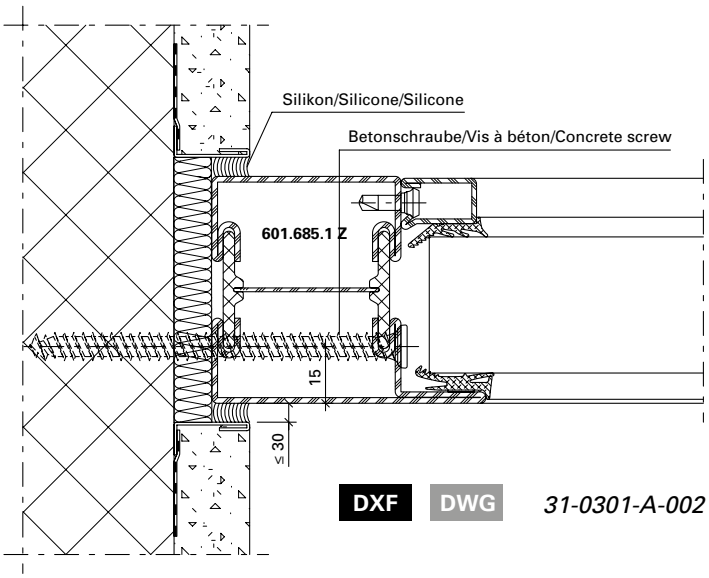
DXF DWG *31-0301-K-001*



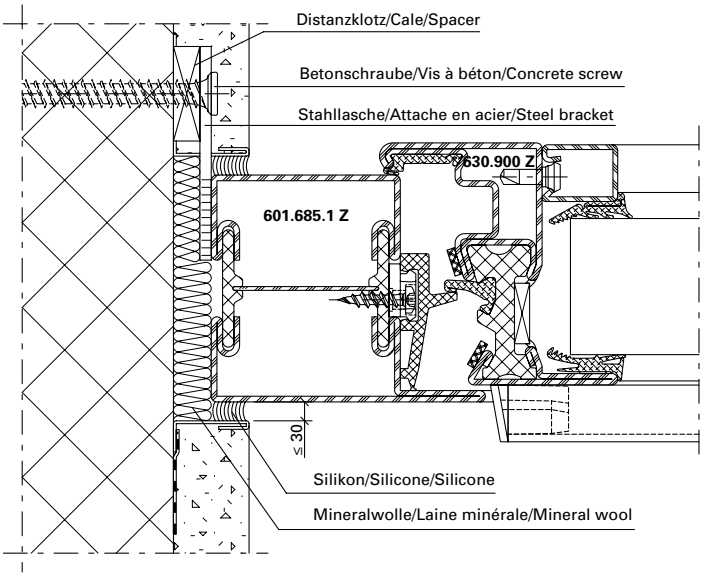
DXF DWG *31-0301-K-002*



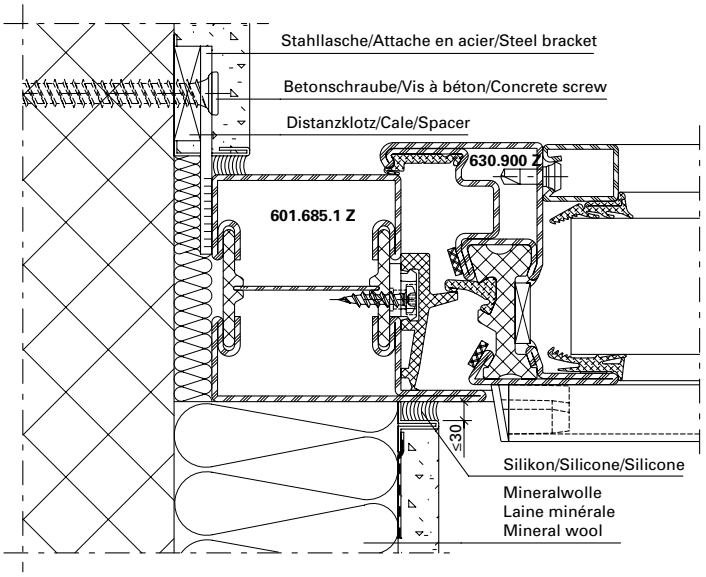
DXF DWG *31-0301-A-001*



DXF DWG *31-0301-A-002*



DXF DWG *31-0301-A-003*

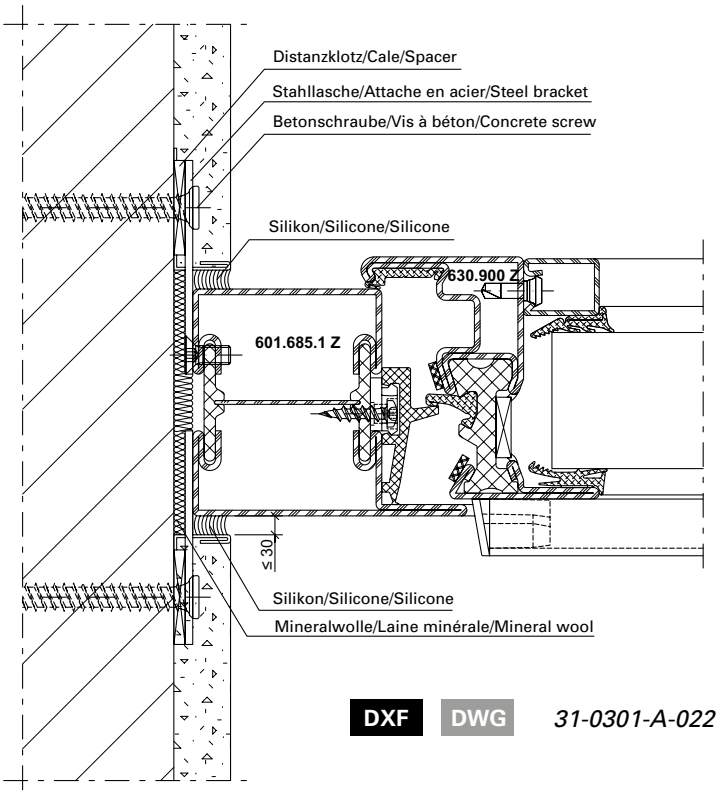


DXF DWG *31-0301-A-004*

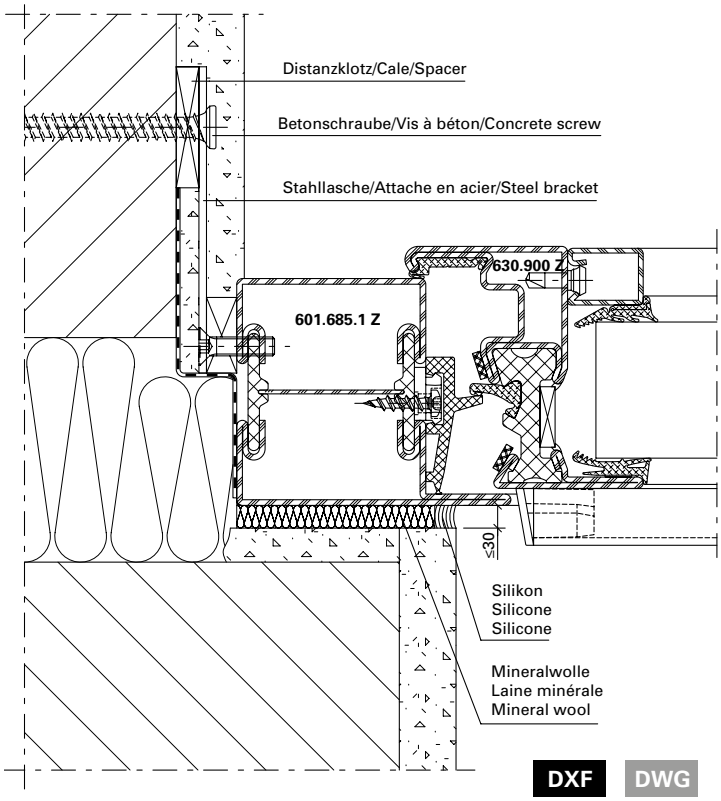
Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

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

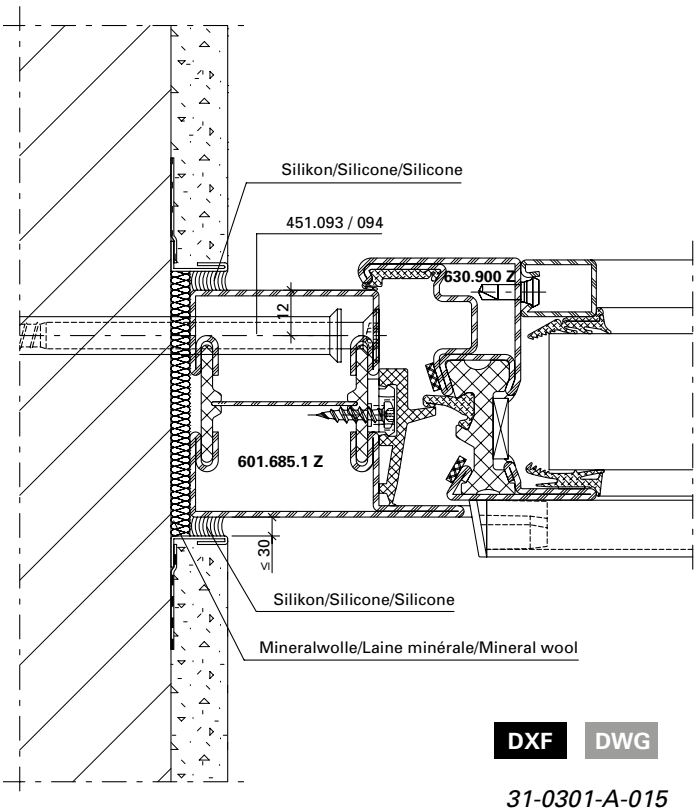
The regulations and bye-laws in force in the particular country must be respected.



DXF DWG *31-0301-A-022*



DXF DWG *31-0301-A-011*



DXF DWG *31-0301-A-015*

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

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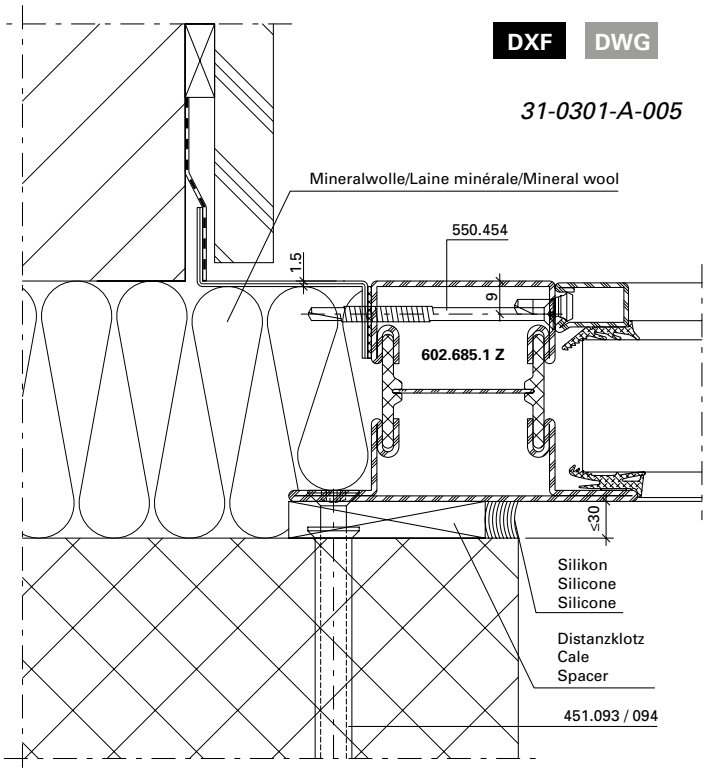
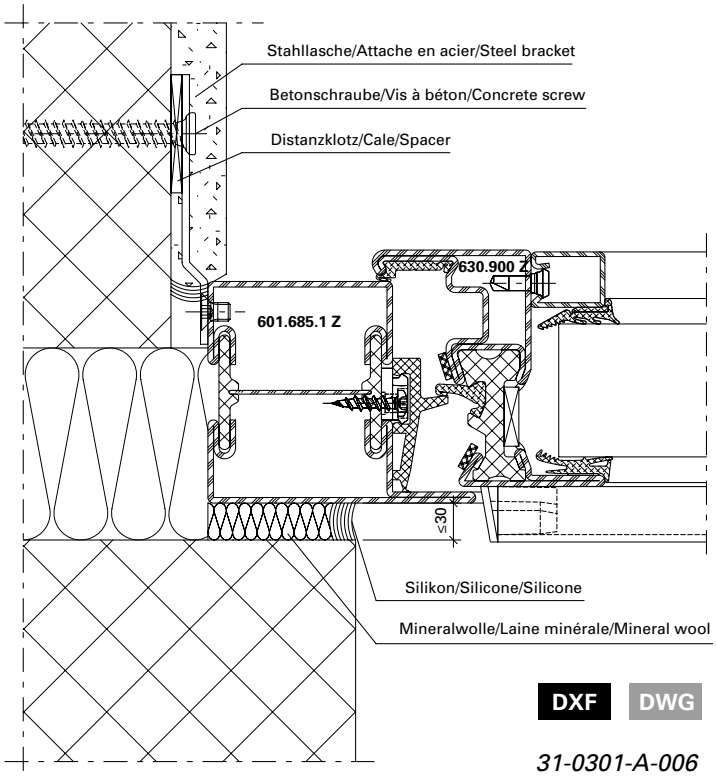
DXF DWG

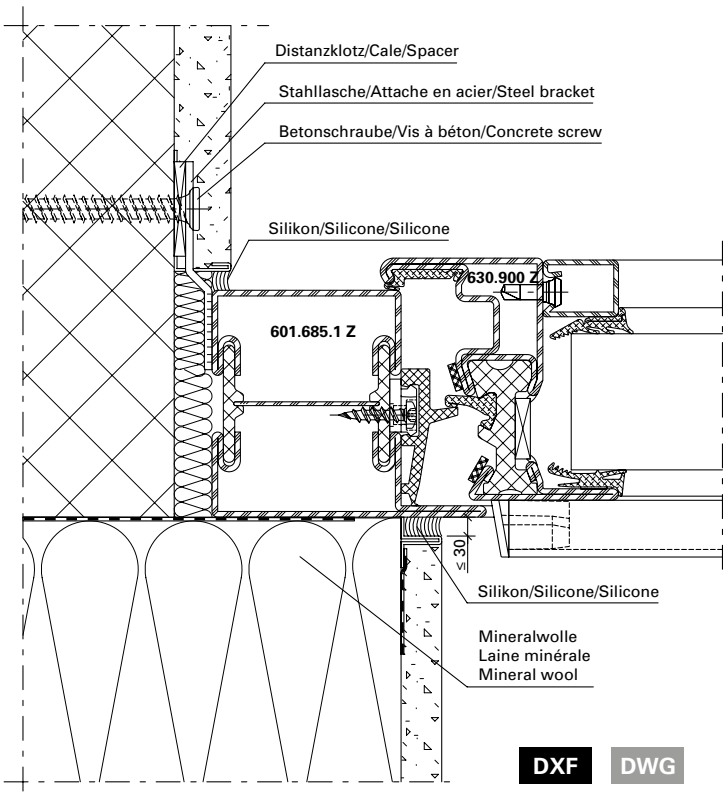
31-0301-A-005





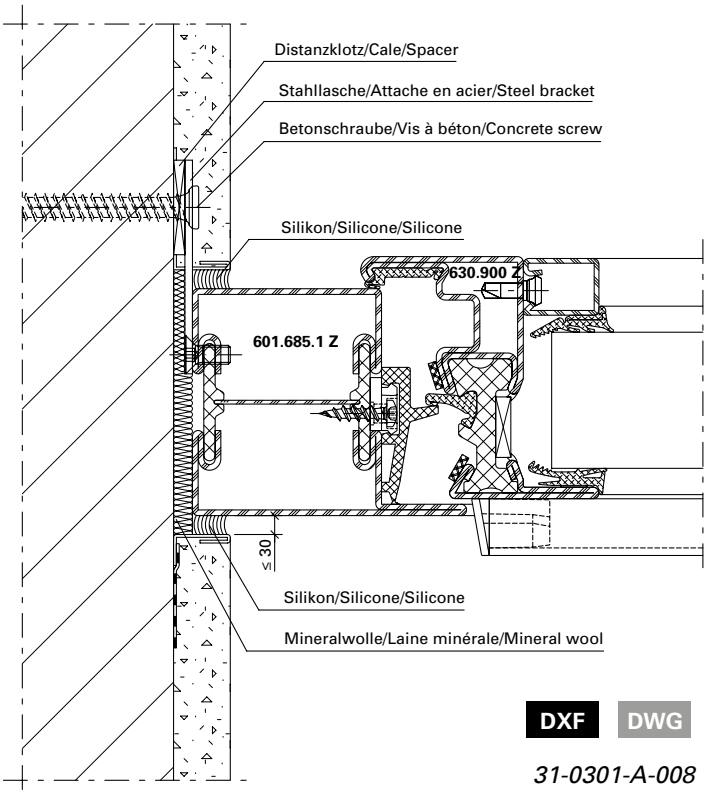
DXF DWG

31-0301-A-006



DXF DWG

31-0301-A-007



DXF DWG

31-0301-A-008

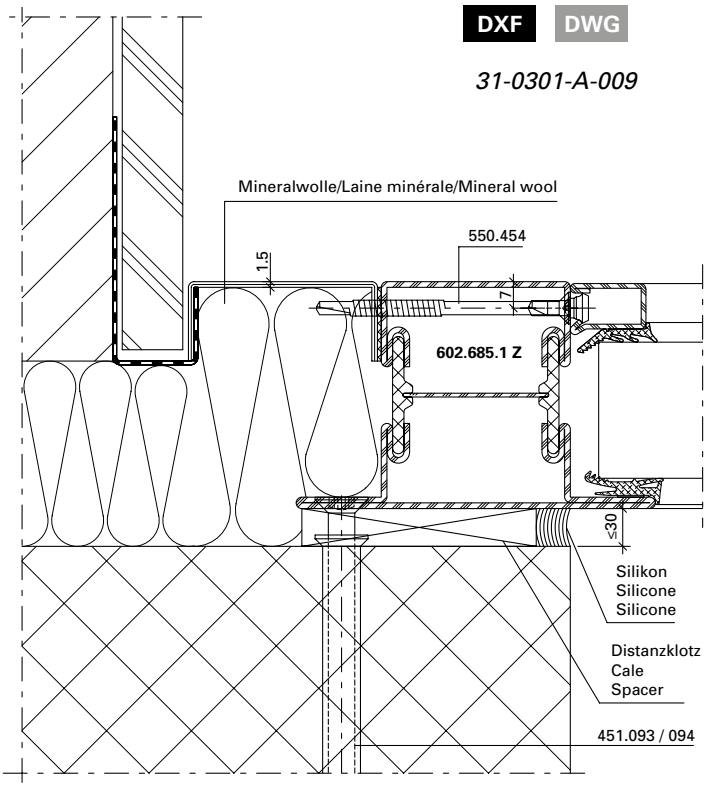
Die Vorschriften bzw. Bestimmungen der verschiedenen Länder sind zu beachten.

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.

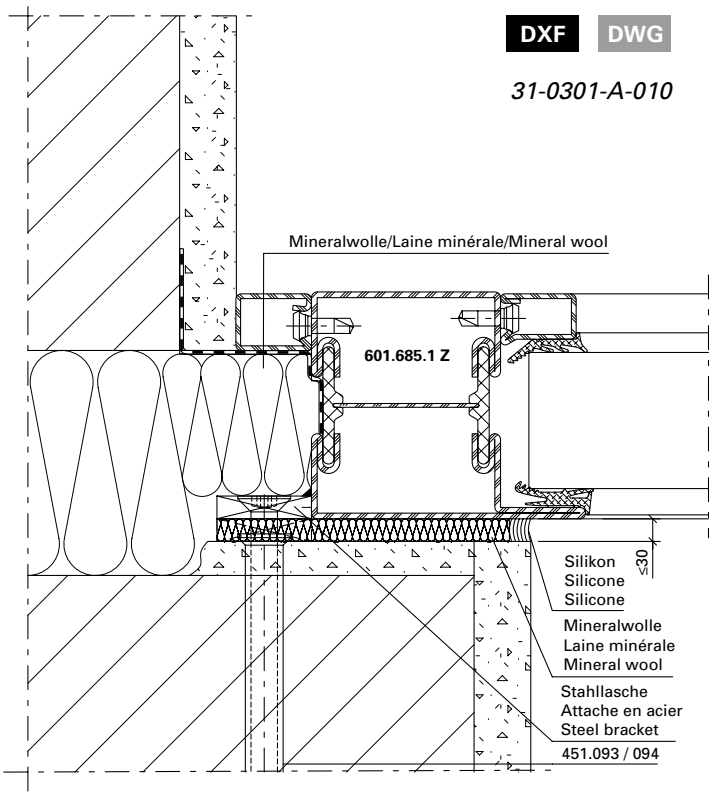
DXF **DWG**

31-0301-A-009



DXF **DWG**

31-0301-A-010



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

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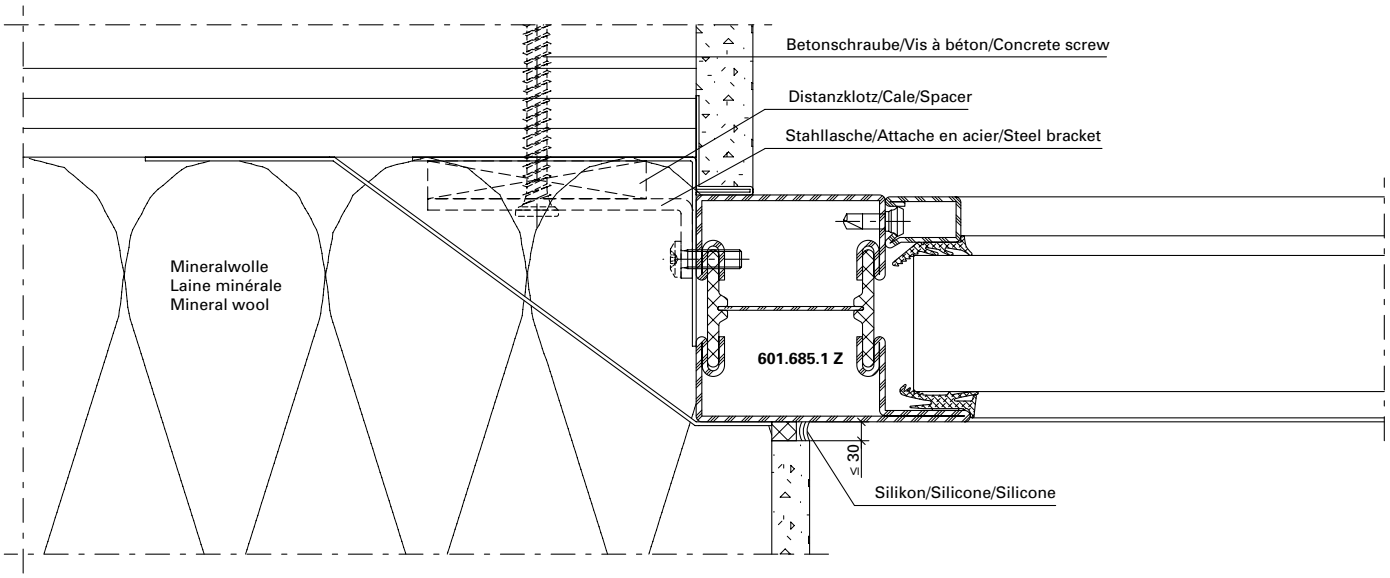
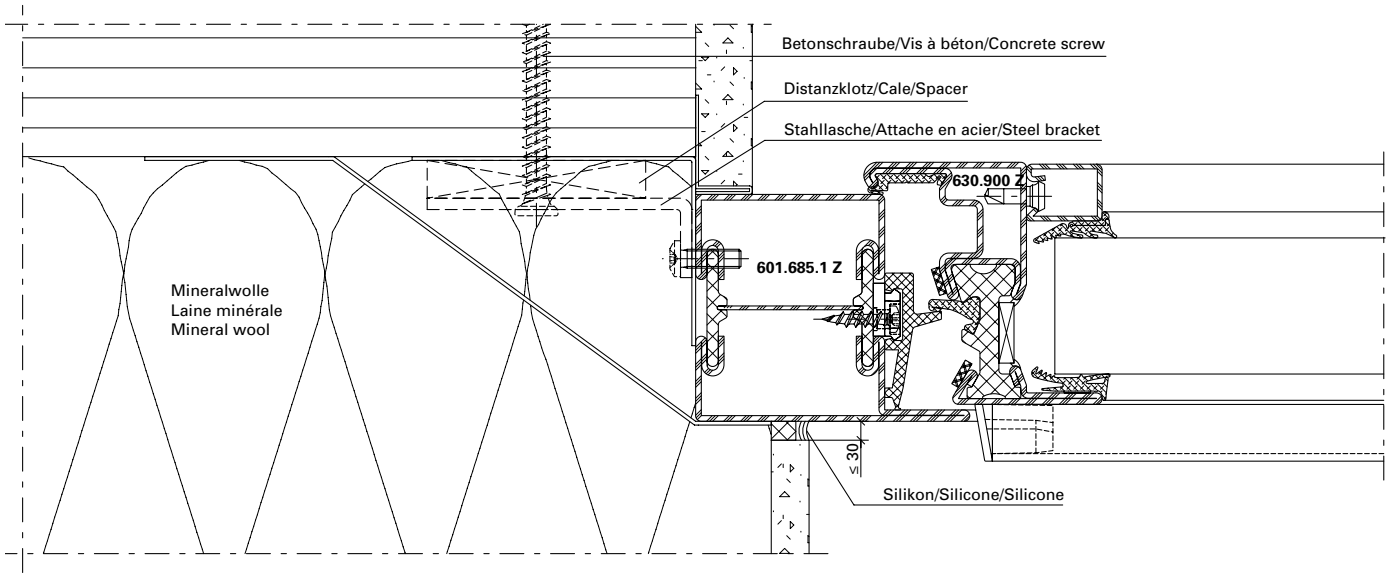


31-0301-A-018 **DXF** DWG



31-0301-A-019 **DXF** DWG

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

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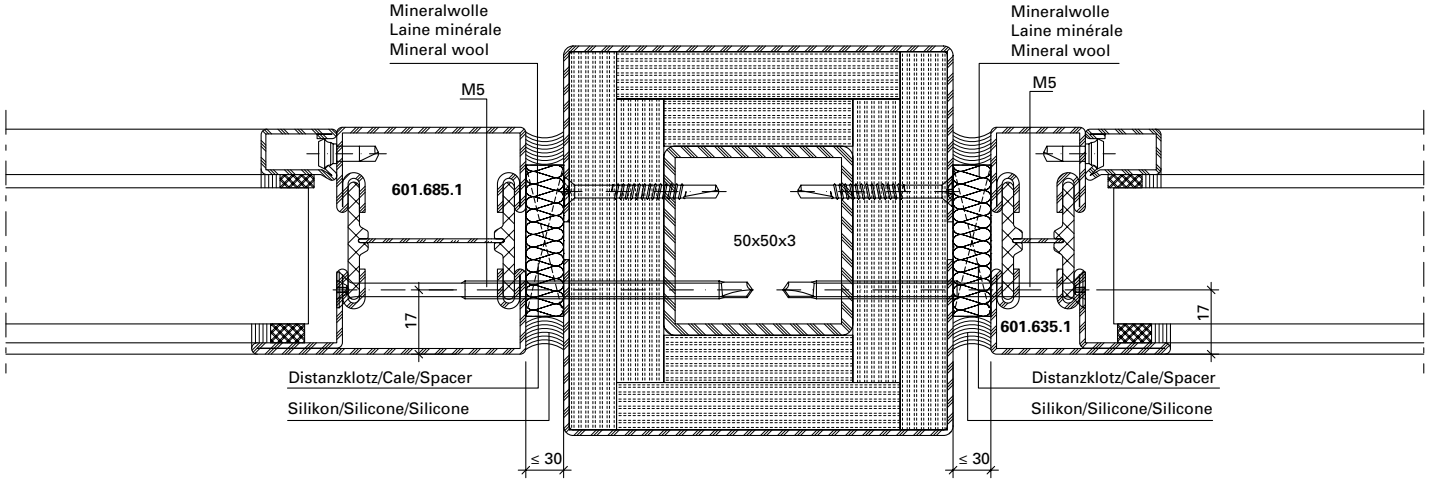
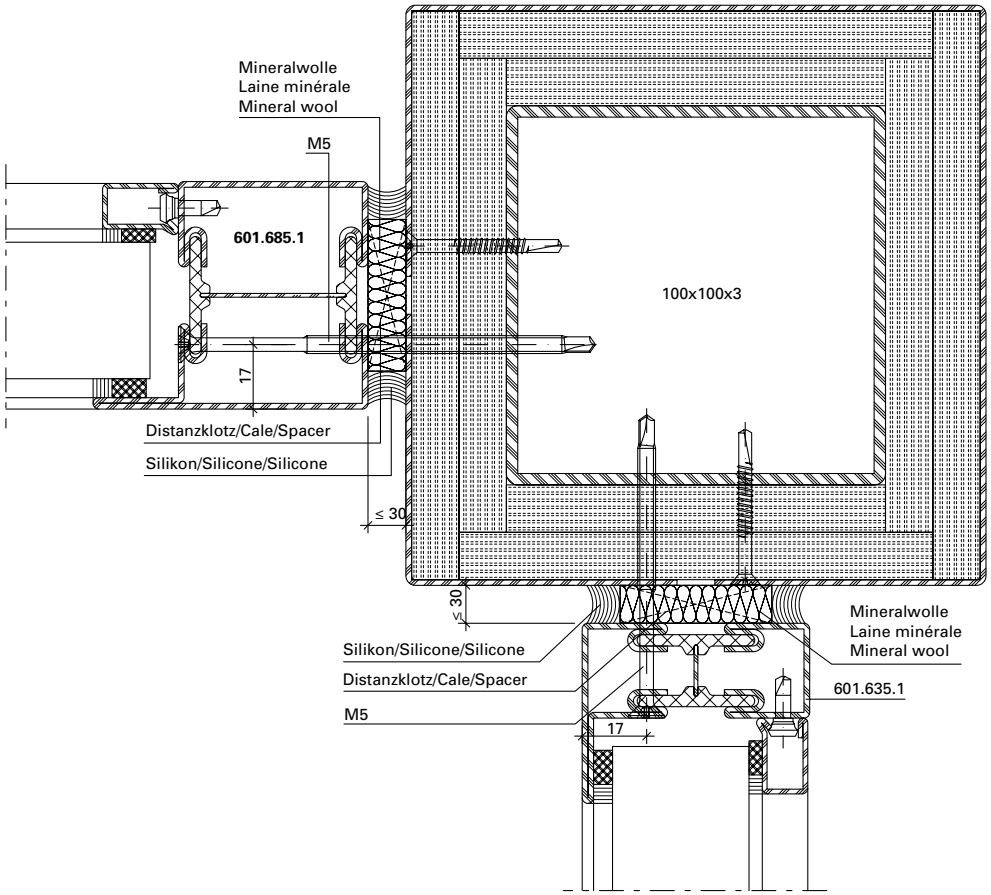


31-0301-A-020 **DXF** DWG



31-0301-A-021 **DXF** DWG

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

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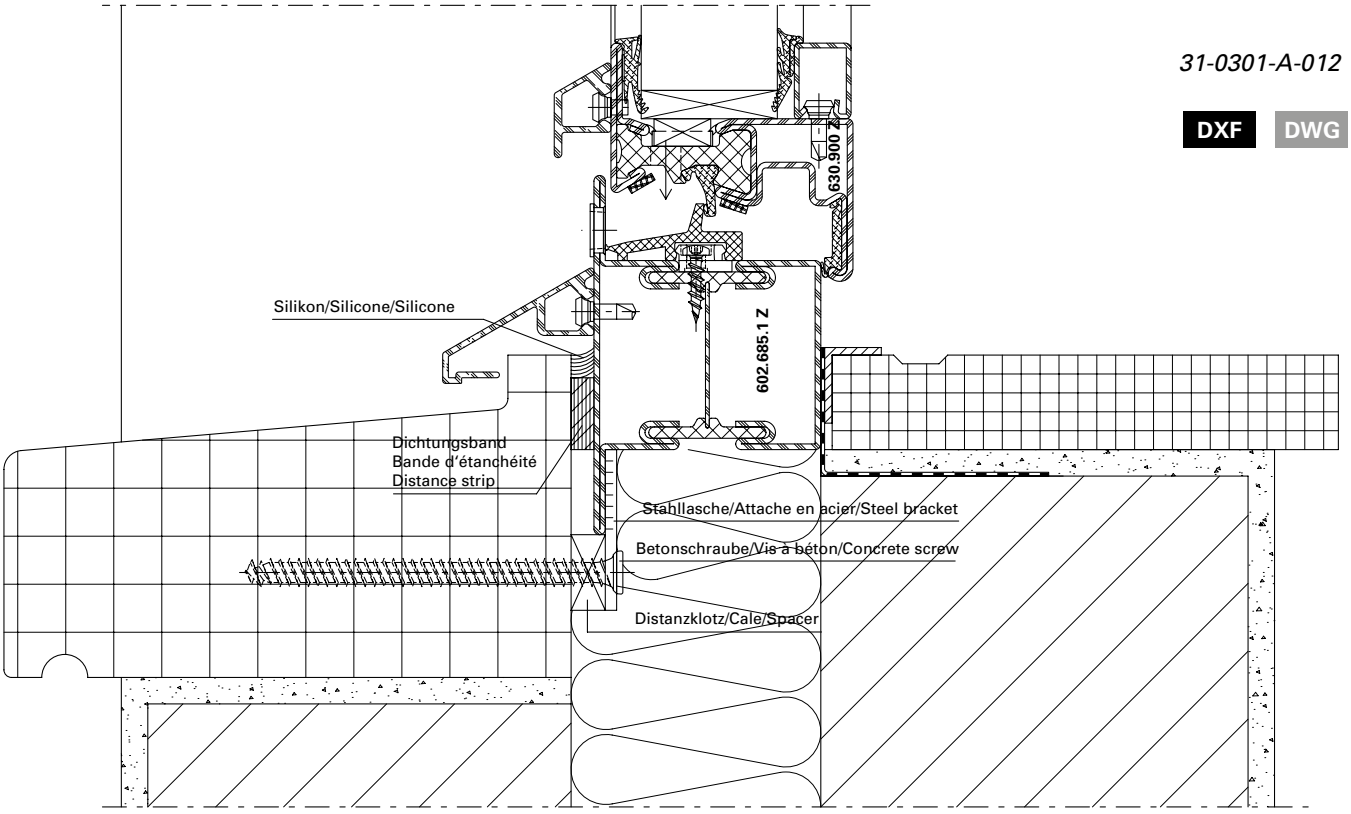
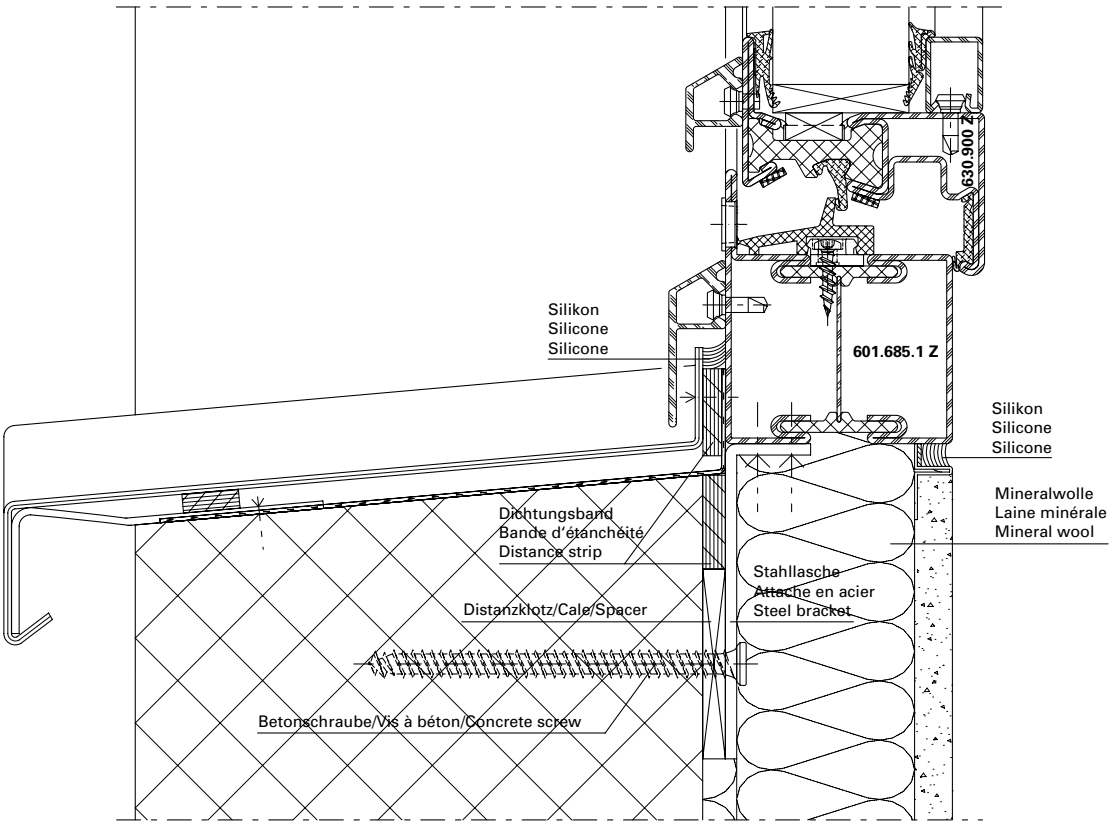
The regulations and bye-laws in force in the particular country must be respected.

31-0301-A-012

DXF DWG





31-0301-A-013

DXF DWG

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

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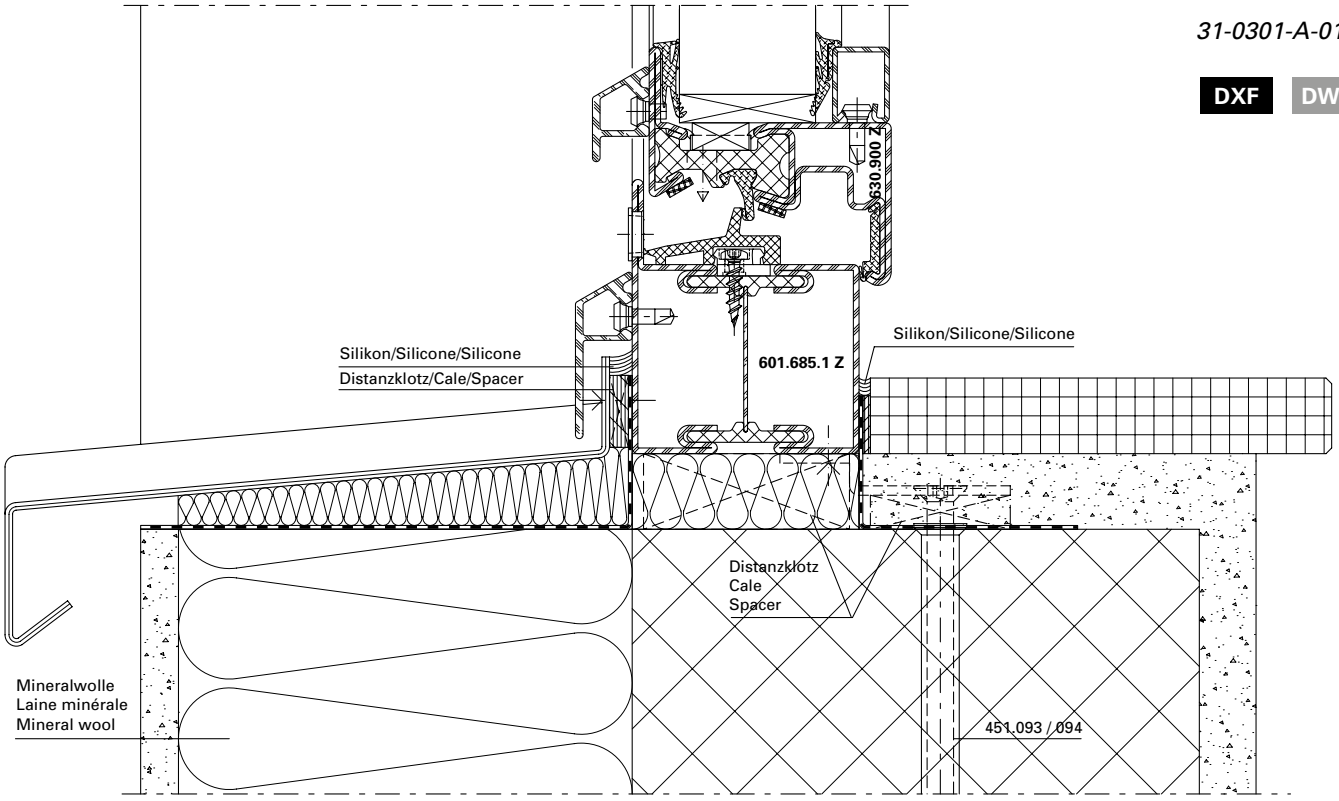
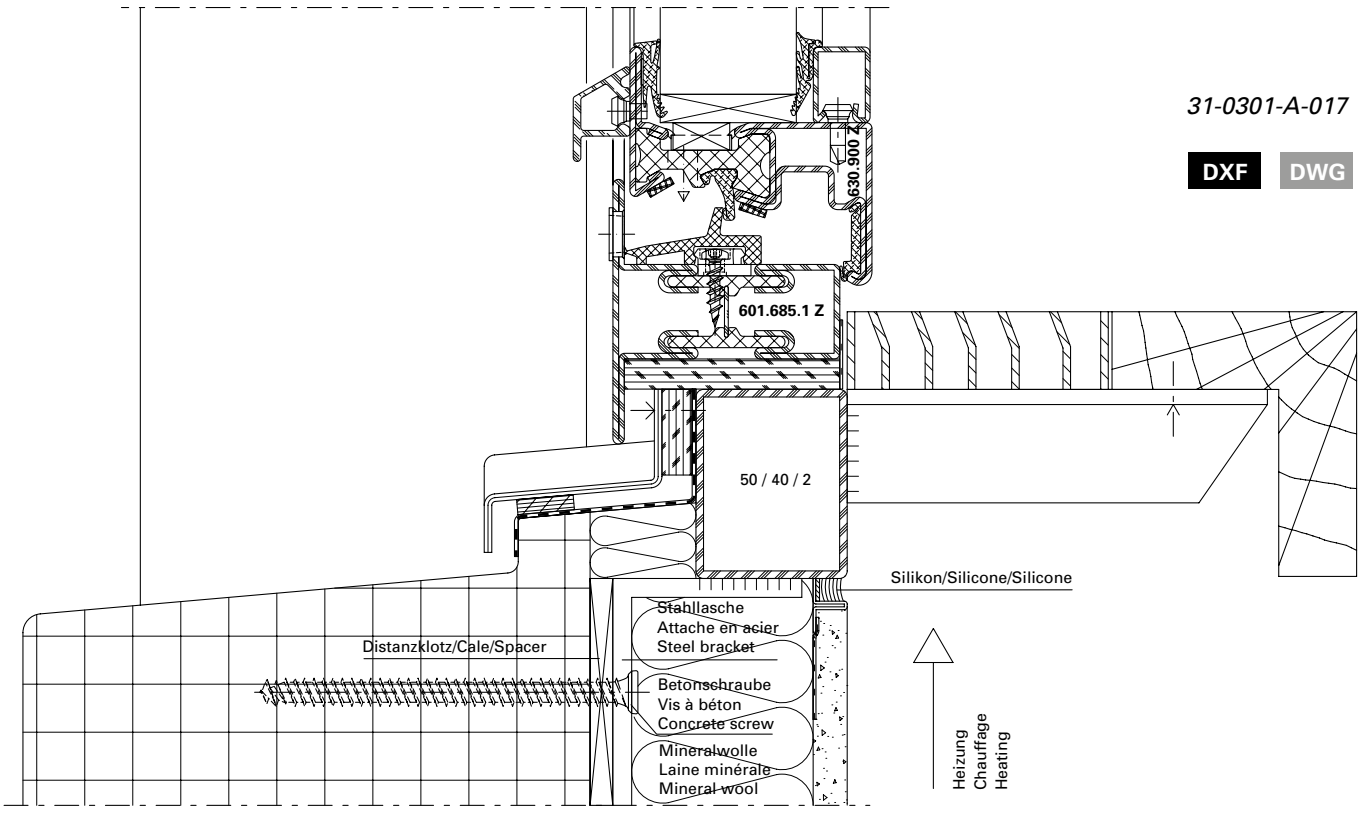
31-0301-A-016

DXF DWG



31-0301-A-017

DXF DWG



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

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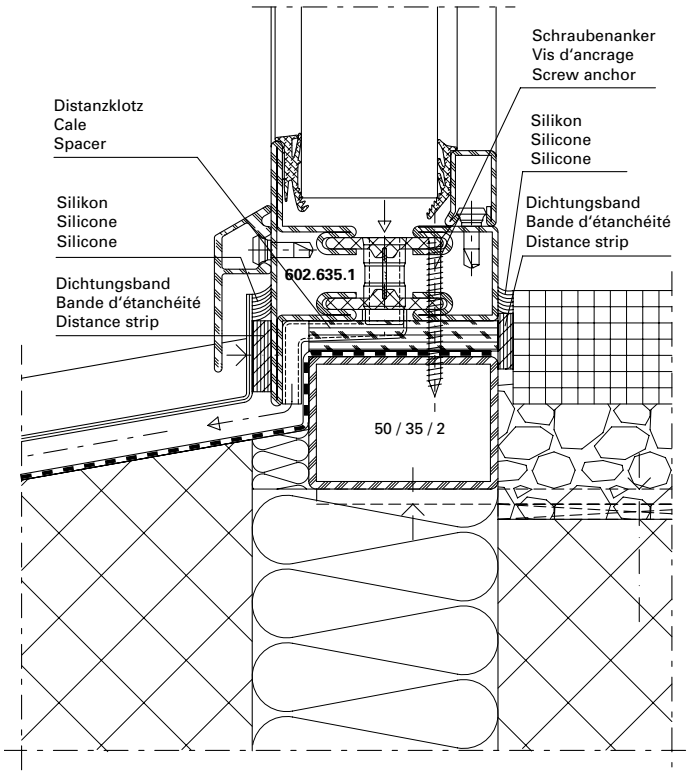


31-0301-A-014 **DXF** DWG

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

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

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

Leistungswerte Fenster aus Stahl und Edelstahl

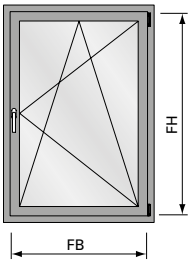
Schlagregendichtheit
Luftdurchlässigkeit
Widerstand bei Windlast

Caractéristiques de performances Fenêtres en acier et acier Inox

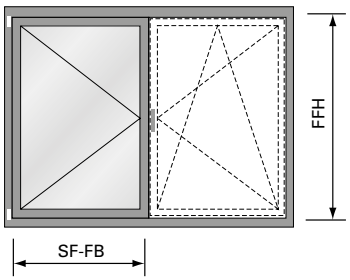
Etanchéité à la pluie battante
Perméabilité à l'air
Résistance à la pression du vent

Performance values windows made of steel and stainless steel

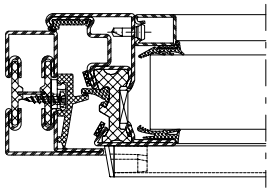
Watertightness
Air permeability
Resistance to wind load



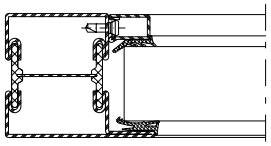
FFB = 1265 mm
FFH = 2300 mm



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%

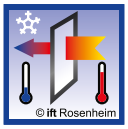
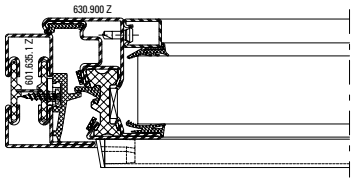
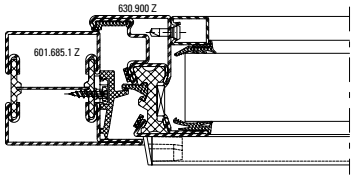
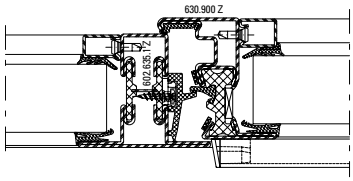
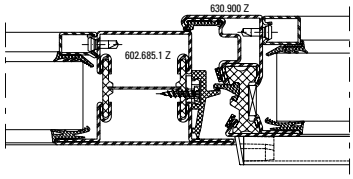
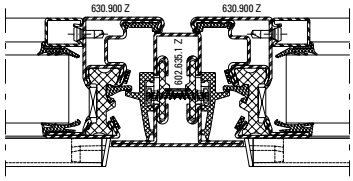
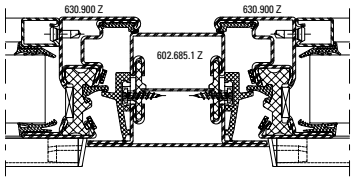
EN 12208	EN 12207	EN 12210
Klasse 8A Classe 8A Class 8A	Klasse 3 Classe 3 Class 3	Klasse C3/B3 Classe C3/B3 Class C3/B3
-100%	-100%	-100%

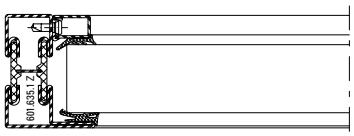
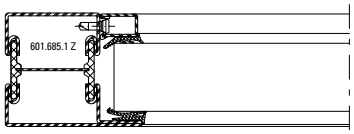
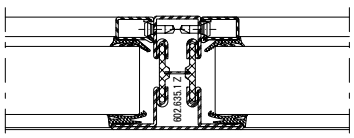
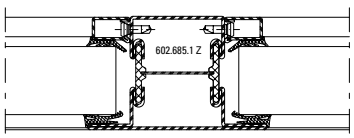
	EN 12208	EN 12207	EN 12210
	Klasse 9A Classe 9A Class 9A	Klasse 4 Classe 4 Class 4	Klasse C5/B5 Classe C5/B5 Class C5/B5
Grösse Festverglasung nach objektspezifischer Glasstatik Taille du vitrage fixe selon la statique du verre spécifique à l'objet Size of fixed glazing according to the glass statics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