

Janisol 2 EI30

Brandschutz-Türen und -Verglasungen aus Stahl und Edelstahl

Janisol 2 EI30

Portes et cloisons protection incendie en acier et acier Inox

Janisol 2 EI30

Fire resistant doors and screens in steel and stainless steel

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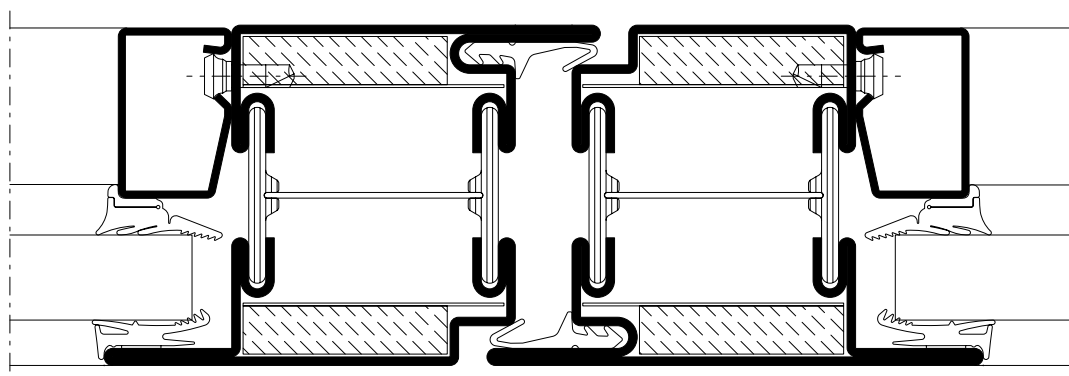
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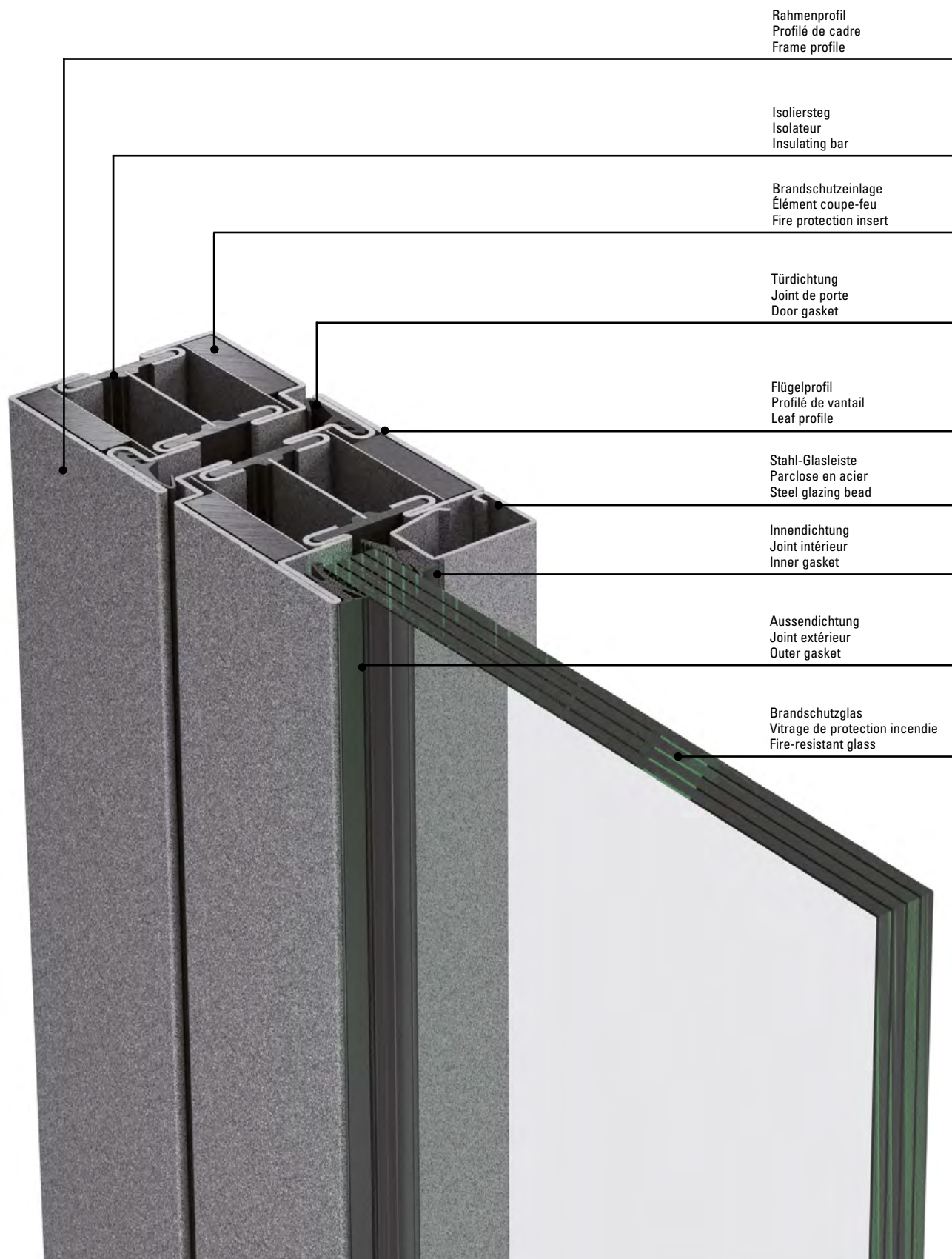
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- Wärmegeädämmtes Stahlsystem für Türen und Festverglasungen
- Bautiefe 60 und 70 mm, innen und aussen flächenbündig
- Schmale Ansichtsbreiten: Rahmen und Flügel ab 107,5 mm Stulppartie 155 mm
- Ein- und zweiflüglige Türen, nach innen und aussen öffnend, mit Oberlicht oder Festverglasung kombinierbar
- Türflügel bis 1500 x 3000 mm oder 1210 x 3168 mm (BxH), landes-spezifische Zulassung beachten
- Füllelementstärke von 15 bis 37 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Systemprüfungen nach EN 16034 und Produktnorm EN 14351-1
- Profil-Verbundtechnik nach EN 14024 geprüft
- Festigkeitsanforderung nach EN 1192 (Klasse 4)
- Stahlprofile blank oder band-verzinkt, qualitativ hochwertiger Isoliersteg aus glasfaserverstärktem Polyester
- Grosses Sortiment an system-geprüften Türbeschlägen
- Barrierefreie Schwellenausbildungen
- Geeignet für Pulver- und Nasslackbeschichtungen
- Fingerschutz nach EN 16005
- Système en acier à rupture de pont thermique pour portes et vitrages fixes
- Profondeur de montage 60 et 70 mm, montage à fleur à l'intérieur et à l'extérieur
- Fines largeurs de face: Cadre et vantaux à partir de 107,5 mm Partie tête 155 mm
- Portes à un et deux vantaux, ouverture vers l'intérieur et vers l'extérieur, combinables avec imposte ou vitrage fixe
- Vantaux de porte jusqu'à 1500 x 3000 mm ou 1210 x 3168 mm (LaxH), il convient de respecter les prescriptions et règlements des divers pays concernés
- Élément de remplissage de 15 à 37 mm d'épaisseur, Montage du vitrage à sec ou à silicone
- Contrôles des systèmes selon EN 16034 et la norme produit EN 14351-1
- Technique d'assemblage de profilés contrôlée selon EN 14024
- Exigence de résistance selon EN 1192 (classe 4)
- Profilés en acier brut ou en bande d'acier zinguée, traverse isolante de grande qualité en polyester renforcé par fibres de verre
- Grand assortiment de ferrures de porte homologuées
- Formes de seuil sans barrière
- Convient aux revêtements par poudre ou peinture liquide
- Anti-pince-doigts selon EN 16005
- Thermally insulated steel system for doors and fixed glazing
- 60 and 70 mm basic depth, flush-fitted on the inside and outside
- Narrow face widths: Frame and leaf from 107.5 mm Meeting stile assembly 155 mm
- Single and double-leaf doors, inward and outward-opening, can be combined with toplight or fixed glazing
- Door leaf up to 1500 x 3000 mm or 1210 x 3168 mm (WxH), the regulations and bye-laws in force in the particular country must be respected
- Infill unit thickness of 15 to 37 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
- Strength requirements in accordance with EN 1192 (Class 4)
- Raw finish or strip galvanised steel profiles, high-quality insulating bar made of glass fibre-reinforced polyester
- Large range of system-tested door fittings
- Easy-access thresholds
- Suitable for powder and wet paint coating
- Anti-finger-trap according to EN 16005





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	1 (400)	2 (800)		3 (1200)		4 (1600)		5 (2000)		Exxx (>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 43 dB (-2; -5) jusqu'à R_w 43 dB (-2; -5) up to R_w 43 dB (-2; -5)												
 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 1.5 W/m²K à partir de 1.5 W/m²K from 1.5 W/m²K												
 EN 12207	Luftdurchlässigkeit Perméabilité à l'air Air permeability	npd	1 (150)		2 (300)		3 (600)		4 (600)						
 EN 1192	Klassifizierung der Festigkeitsanforderungen Classification des exigences de résistance méc. Classification of strength requirements	npd	1		2		3		4						
 EN 12219	Differenzklimaverhalten Résistance aux changements de température Resistance to change in temperature	npd	1(x)C				2(x)C			3(x)C					
 EN 1627	Einbruchhemmung Anti-effraction Burglar resistance	npd	1		2		3		4		5		6		
 EN 1522	Durchschusshemmung Résistance aux balles Bullet proofing	npd	FB1		FB2		FB3		FB4		FB5		FB6	FB7	FSG
 EN 14024	Metallprofile mit thermischer Trennung Profilés en métal. avec rupture de pont thermique Metal profiles with thermal barrier		CW / TC2												
 EN 1191 EN 1603	Dauerfunktionsprüfung Durabilité mécanique Mechanical durability	D	1 5'000	2 10'000		3 20'000		4 50'000		5 100'000		6 200'000		7 500'000	8 1'000'000

Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung/Wert Classification / Valeur Classification / Value				
 EN 12217	Bedienkräfte Forces de manœuvre Operating forces	npd	0	1	2	
 EN 179 EN 1125	Fähigkeit zur Freigabe Capacité au déclenchement Ability to release		Anforderung erfüllt Exigence remplie Requirement fulfilled			
 DIN 18040	Barrierefreiheit Absence d'entrave au passage Barrier-free		Schwellenlose Ausführung Exécution sans seuil Execution without threshold			
 EN 1634-1 EN 13501-2	Brandschutz Résistance aux feu Fire resistance		EI ₂ 30			
 EN 1634-3 EN 13501-2	Rauchschutz Etanchéité à la fumée Smoke control		S _a / S ₂₀₀			
 EN 16034 EN 13501-2	Selbstschliessung Fermeture automatique Self-closing		C			
 EN 13049	Stoßfestigkeit Résistance aux chocs Impact resistance	npd	1	2	3	4 5
 EN 16034	Dauerhaftigkeit der Selbstschliessung gegenüber Alterung (Korrosion) Endurance de la fermeture automatique contre le vieillissement (corrosion) Durability of self-closing against ageing (corrosion)		erzielt atteinte achieved			



Janisol 2 EI30 Türen Edelstahl

- Wärmegeädämmtes Edelstahlsystem für Türen und Festverglasungen
- Bautiefe 60 mm, innen und aussen flächenbündig
- Schmale Ansichtsbreiten: Rahmen und Flügel ab 107,5 mm, Stulppartie 155 mm
- Edelstahlprofile aus Werkstoff 1.4301 (AISI 304) oder 1.4401 (AISI 316, auf Anfrage) geeignet für Industrie und Küstennähe
- Ausführung blank oder geschliffen (Korn 220-240)

Janisol 2 EI30 portes acier Inox

- Système en acier Inox à rupture de pont thermique pour portes et vitrages fixes
- Profondeur de montage 60 mm, montage à fleur à l'intérieur et à l'extérieur
- Fines largeurs de face: Cadre et vantaux à partir de 107,5 mm, partir têtère 155 mm
- Profilés en acier Inox en matériau 1.4301 (AISI 304) ou 1.4401 (AISI 316), conviennent aux zones industrielles et à proximité des côtes
- Exécution brut ou polie (grain 220 à 240)

Janisol 2 EI30 stainless steel doors

- Thermally insulated stainless steel system for doors and fixed glazing
- 60 mm basic depth, flush-fitted on the inside and outside
- Narrow face widths: Frame and leaf from 107.5 mm, meeting stile assembly 155 mm
- Stainless steel profiles made from the material 1.4301 (AISI 304) or 1.4401 (AISI 316) suitable for industrial and coastal areas
- Execution bright or polished (grain 220-240)



Einbruchhemmende Janisol 2 EI30 Türen

- Geprüft nach EN 1627
- Bis Türflügelhöhe 3000 mm
- Ein- und zweiflüglige Türen, nach innen und aussen öffnend
- Füllelemente: Brandschutzglas
- Verdeckt liegende Türschliesser und Elektrotüröffner möglich

Portes anti-effraction Janisol 2 EI30

- Contrôlé selon la norme EN 1627
- Jusqu'à hauteur de vantail de porte 3000 mm
- Portes à un/deux vantaux à ouverture vers l'intérieur et l'extérieur
- Éléments de remplissage: verre coupe-feu
- Montage invisible possible de ferme-portes et gâches électriques

Burglar-resistant Janisol 2 EI30 doors

- Tested in accordance with EN 1627
- Up to door leaf height 3000 mm
- Single and double-leaf doors, inward and outward opening
- Infill units: fire-resistant glass
- Concealed door closers and electric door openers possible



Janisol 2 EI30 Fingerschutztüre

- Keine Quetsch- und Scherstellen nach DIN 18650
- Wartungsarme Bandlager unten und oben
- Geeignet für Gebäude mit starkem Publikumsverkehr
- Geprüft nach EN 14351-1

Portes anti-pince-doigts Janisol 2 EI30

- Absence de zones d'écrasement et de cisaillement selon DIN 18650
- Paliers de paumelle inférieur et supérieur exigeant peu de maintenance
- Adapté à des bâtiments publics fortement fréquentés
- Contrôlé selon la norme EN 14351-1

Janisol 2 EI30 anti-finger-trap door

- No crushing and shearing points as per DIN 18650
- Low-maintenance hinge bush at top and bottom
- Suitable for buildings subject to frequent use by the public
- Tested in accordance with EN 14351-1



Verblechte Janisol 2 EI30 Türen

- Für ein- und zweiflügelige Brandschutztüren mit oder ohne Seitenteile resp. Oberlichter
- Flächenbündig verblechte Türen
- Bleche können an den Rahmen geschweisst oder geklebt werden
- Mit oder ohne Glasausschnitte möglich

Portes tôlées Janisol 2 EI30

- Pour des portes coupe-feu à un/deux vantaux avec ou sans pièces latérales ou impostes
- Portes tôlées à fleur
- Les tôles peuvent être soudées ou collées sur le cadre
- Possibles avec ou sans panneaux de verre

Janisol 2 EI30 sheet metal doors

- For single and double-leaf fire doors with or without sidelights or toplights
- Flush-fitted sheet metal doors
- Sheet metal can be welded or bonded to the frame
- Possible with or without glass vision panels



Fluchttürsysteme

- Verschlussystem für Notausgangstüren nach EN 179
- Verschlussystem für Paniktüren nach EN 1125
- Barrierefreie Türen ohne Schwelle für behindertengerechtes Bauen
- Ein- und zweiflügelige Türen nach aussen und nach innen öffnend
- Türflügelgrößen bis 1475 x 3000 mm und Flügelgewicht bis 230 kg

Systèmes de porte de secours

- Système de fermeture pour portes de secours selon EN 179
- Système de fermeture pour portes panique selon EN 1125
- Portes sans seuil pour faciliter l'accès aux personnes handicapées
- Portes à un/deux vantaux à ouverture vers l'intérieur et l'extérieur
- Dimensions de vantail de porte jusqu'à 1475 x 3000 mm et poids de vantail jusqu'à 230 kg

Emergency exit systems

- Closing system for emergency exit doors in accordance with EN 179
- Closing system for panic doors in accordance with EN 1125
- Barrier-free doors without threshold for accessible buildings
- Single and double-leaf doors, outward and inward-opening
- Door leaf sizes up to 1475 x 3000 mm and leaf weight up to 230 kg

Kombination EI30/EI60

- Für die Kombination von EI30 (Janisol 2) mit EI60 (Janisol C4)
- Möglich durch Janisol 2 Profile in der Bautiefe 70 mm
- Antwort auf gestiegenen Sicherheitsanforderungen
- Tür-, Riegel- und Sockelprofile in blanker und verzinkter Ausführung
- Identische Ansichten und Bautiefen in den Brandklassen von EI30 bis EI90

Combinaison EI30/EI60

- Pour la combinaison EI30 (Janisol 2) avec EI60 (Janisol C4)
- Possible grâce aux profilés Janisol 2 avec une profondeur de montage de 70 mm
- Répond à de plus hautes exigences de sécurité
- Profilés de porte, de traverse ou de socle en exécution brute ou galvanisée
- Largeurs de face et profondeurs d'encastrement identiques dans les classes de résistance au feu EI30 jusqu'à EI90

Combination of EI30/EI60

- For the combination of EI30 (Janisol 2) with EI60 (Janisol C4)
- Possible by means of Janisol 2 profiles in 70 mm basic depth
- Answer to increasing security requirements
- Door, transom and sill profiles in raw and galvanised design
- Identical face widths and basic depths in fire resistance classes from EI30 to EI90





Janisol 2 EI30 Rauchschutztüren S_a/S_m

- Rauchschutz gemäss EN 1634 und EN 13501-2
- S_a gewährleistet durch 3-seitig dichtschiessende Türe
- S_m durch eine zusätzliche Senkdichtung im Schwellenbereich erfüllt

Portes pare-fumée Janisol 2 EI30 S_a/S_m

- Conception pare-fumée selon EN 1634 et EN 13501-2
- S_a garanti grâce à la porte à fermeture étanche sur 3 côtés
- S_m rempli par un joint supplémentaire dans la zone du seuil

Janisol 2 EI30 smoke doors S_a/S_m

- Smoke protection in accordance with EN 1634 and EN 13501-2
- S_a guaranteed due to tightly-closing door on three sides
- S_m fulfilled through an additional floor seal in threshold area



Janisol 2 EI30 BT70

- Rauchschutz gemäss EN 1634 und EN 13501-2
- Füllelementstärke bis 49 mm
- Bautiefe 70 mm, innen und aussen flächenbündig
- Schmale Ansichtsbreiten: Rahmen und Flügel ab 107,5 mm, Stulppartie 155 mm

Janisol 2 EI30 BT70

- Conception pare-fumée selon EN 1634 et EN 13501-2
- Élément de remplissage jusqu'à 49 mm
- Profondeur de montage 70 mm, montage à fleur à l'intérieur et à l'extérieur
- Fines largeurs de face: Cadre et vantaux à partir de 107,5 mm, partir têtère 155 mm

Janisol 2 EI30 BT70

- Smoke protection in accordance with EN 1634 and EN 13501-2
- Infill unit thickness up to 49 mm
- 70 mm basic depth, flush-fitted on the inside and outside
- Narrow face widths: Frame and leaf from 107.5 mm, meeting stile assembly 155 mm

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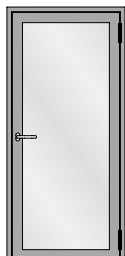
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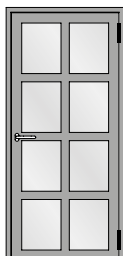
**Ausführungsvariante Stahl / Edelstahl
 mit/ohne Fingerschutz
 oder als Pendeltüre**

**Exécution acier/acier Inox avec/sans
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 va-et-vient**

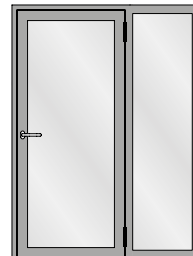
**Design options: steel / stainless steel,
 with/without finger-trap protection
 or as a swing door**



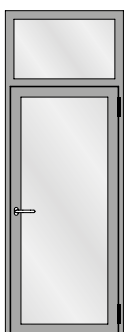
Einflügelige Türe
 Porte à un vantail
 Single leaf door



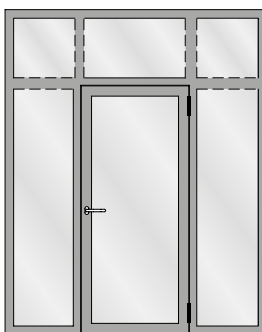
Einflügelige Türe mit Riegel
 Porte à un vantail avec traverse
 Single leaf door with transom



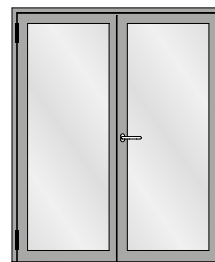
Einflügelige Türe mit festem Seitenteil
 Porte à un vantail avec partie latérale fixe
 Single leaf door with fixed side light



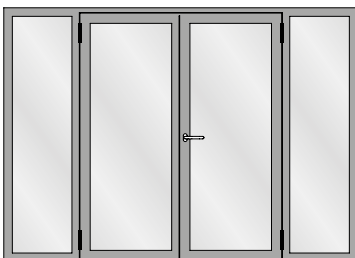
Einflügelige Türe mit festem Oberlicht
 Porte à un vantail avec imposte fixe
 Single leaf door with fixed top light



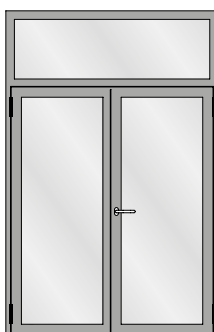
Einflügelige Türe mit zwei festen Seitenteilen
 und festem Oberlicht
 Porte à un vantail avec deux parties latérale fixe
 et imposte fixe
 Single leaf door with two fixed side light and
 fixed top light



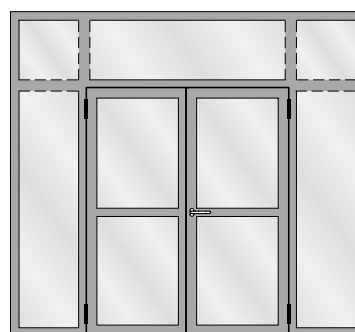
Zweiflügelige Türe
 Porte à deux vantaux
 Double leaf door



Zweiflügelige Türe mit zwei festen Seitenteilen
 Porte à deux vantaux avec deux parties
 latérales fixes
 Double leaf door with two fixed side lights



Zweiflügelige Türe mit festem Oberlicht
 Porte à deux vantaux avec imposte fixe
 Double leaf door with fixed top light

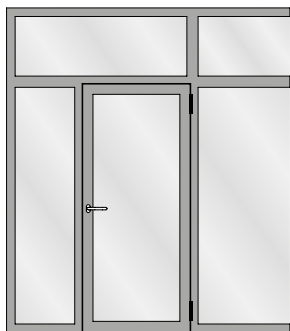


Zweiflügelige Türe mit zwei festen Seitenteilen
 und festen Oberlichtern
 Porte à deux vantaux avec deux parties latérales
 fixes et impostes fixes
 Double leaf door with two fixed side lights and
 fixed top lights

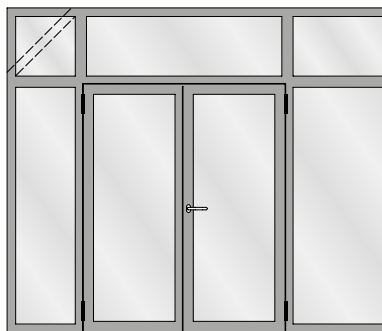
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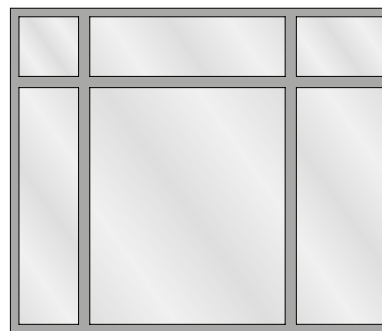
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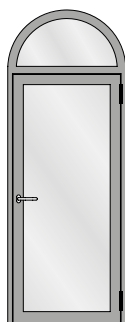
Festverglasung mit einflügeliger Türe
 Vitrage fixe avec porte à un vantail
 Fixed glazing with single leaf door



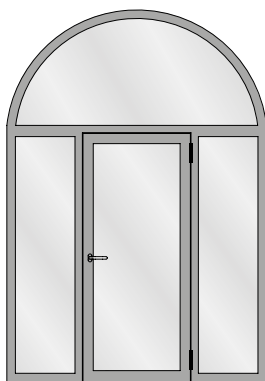
Festverglasung mit zweiflügeliger Türe
 Vitrage fixe avec porte à deux vantaux
 Fixed glazing with double leaf door



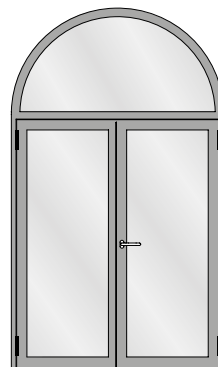
Festverglasung
 Vitrage fixe
 Fixed glazing



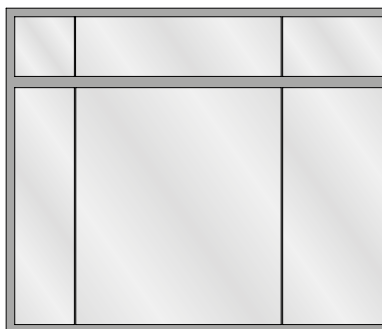
Einflügelige Türe mit Rundbogen-Oberlicht
 Porte à un vantail avec imposte demi-ronde
 Single leaf door with round arched top light



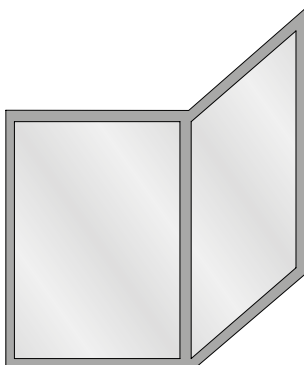
Einflügelige Türe mit zwei festen Seitenteilen
 und Rundbogen-Oberlicht
 Porte à un vantail avec deux parties latérales
 fixes et imposte demi-ronde
 Single leaf door with two fixed side lights and
 round arched top light



Zweiflügelige Türe mit Rundbogen-Oberlicht
 Porte à deux vantaux avec imposte demi-ronde
 Double leaf door with round arched top light



Stoßfugenverglasung
 Vitrage joint vif
 Butt-joint glazing



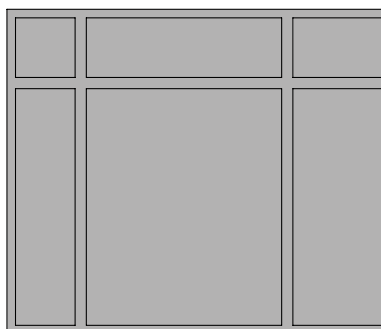
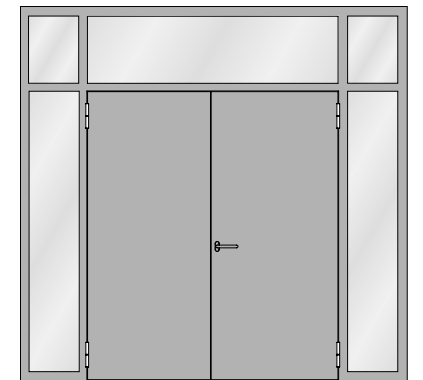
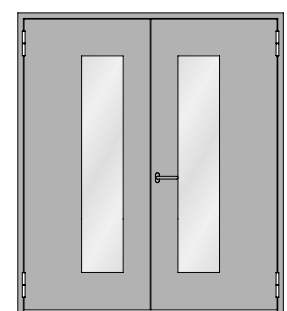
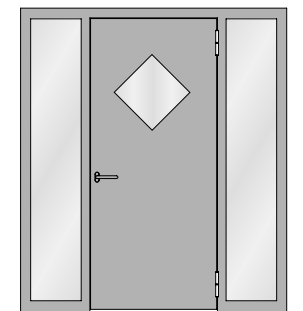
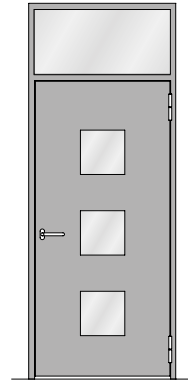
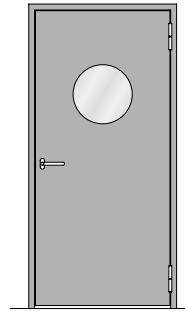
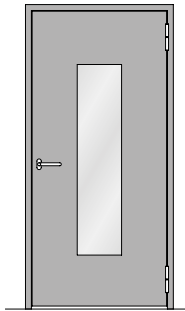
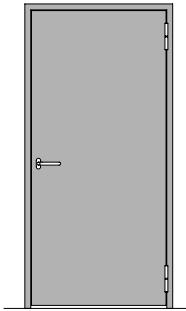
Eckausbildung
 Vitrage d'angle
 Corner glazing

Für Festverglasungen gelten
 nationale Zulassungen
 Les homologations nationales
 s'appliquent aux vitrages fixes
 National approvals apply to fixed glazing

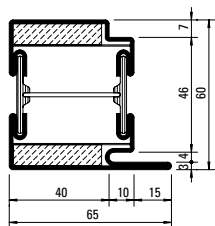
**Ausführungsvariante verblecht in
 der Bautiefe 60 mm und 70 mm**

**Exécution combinaison
 EI30 et EI60 ou EI90**

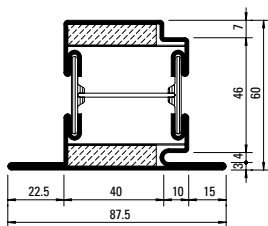
**Design option: clad in sheet metal in
 the 60 mm and 70 mm basic depths**



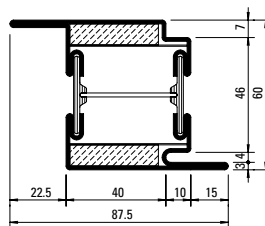
Für Festverglasungen gelten
 nationale Zulassungen
 Les homologations nationales
 s'appliquent aux vitrages fixes
 National approvals apply to fixed glazing



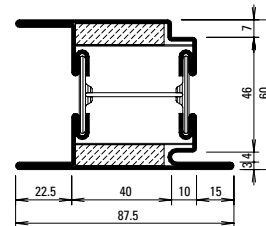
630.013.2
630.013.2 Z
630.013.25



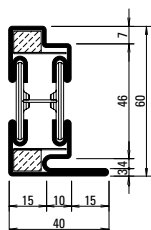
630.114.2
630.114.2 Z
630.114.25



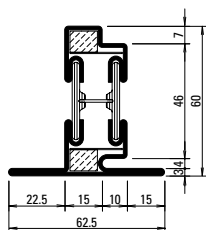
630.416.2
630.416.2 Z
630.416.25



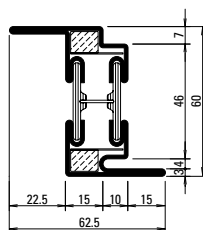
630.428.2
630.428.2 Z



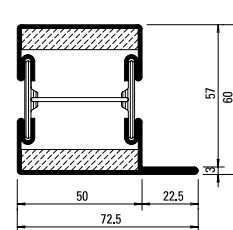
630.010.2 Z



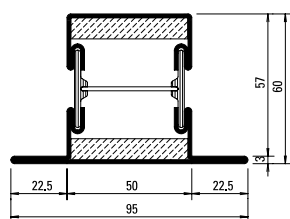
630.110.2 Z



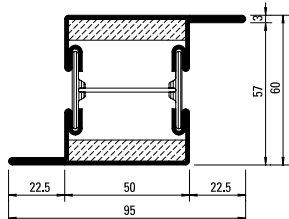
630.411.2 Z



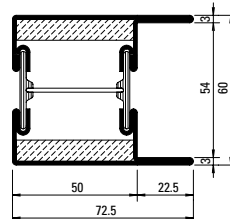
601.685.2
601.685.2 Z
601.685.25



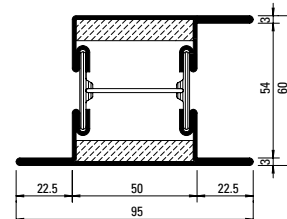
602.685.2
602.685.2 Z
602.685.25



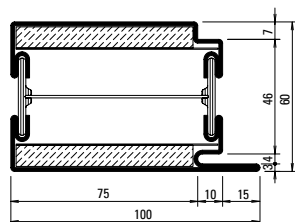
603.685.2
603.685.2 Z



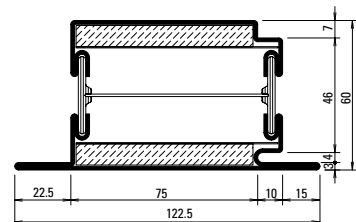
604.685.2
604.685.2 Z



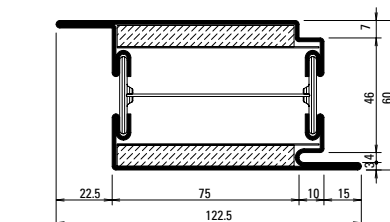
605.685.2
605.685.2 Z
605.685.25



630.016.2
630.016.2 Z
630.016.25



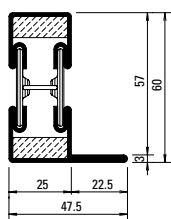
630.115.2
630.115.2 Z
630.115.25



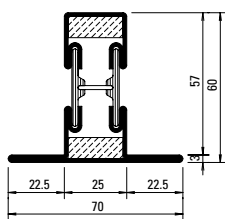
630.417.2
630.417.2 Z
630.417.25

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
601.685.2 Z	4,880	19,3	5,31	21,7	5,12	0,265
602.685.2 Z	5,400	22,1	5,58	31,1	6,54	0,310
603.685.2 Z	5,400	24,2	7,57	31,1	6,54	0,310
604.685.2 Z	5,400	24,1	7,53	27,2	7,03	0,321
605.685.2 Z	5,920	28,1	7,94	38,4	7,46	0,354
630.010.2 Z	3,760	13,3	3,54	4,13	1,63	0,233
630.013.2 Z	5,070	18,6	5,08	18,7	5,14	0,273

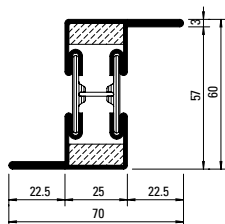
Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
630.110.2 Z	4,280	15,7	3,83	7,84	2,34	0,277
630.114.2 Z	5,590	21,4	5,36	27,4	5,93	0,317
630.411.2 Z	4,280	18,4	5,70	7,84	2,34	0,277
630.416.2 Z	5,590	23,7	7,32	27,4	5,93	0,317
630.428.2 Z	6,110	27,2	7,68	34,1	7,64	0,362
630.016.2 Z	6,880	25,8	7,23	61,0	11,63	0,343
630.115.2 Z	7,400	28,7	7,48	79,6	12,42	0,387
630.417.2 Z	7,400	30,5	9,47	79,6	12,42	0,387



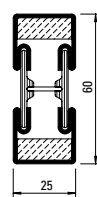
601.635.2
601.635.2 Z



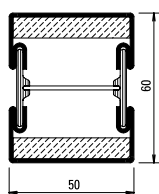
602.635.2
602.635.2 Z



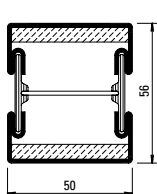
603.635.2
603.635.2 Z



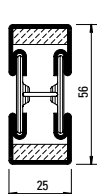
600.006.2
600.006.2 Z



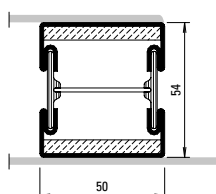
600.005.2
600.005.2 Z
600.005.25



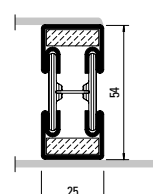
600.001.2
600.001.2 Z



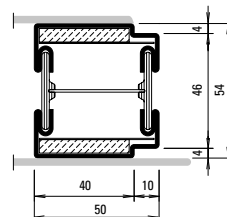
600.002.2
600.002.2 Z



600.007.2 Z

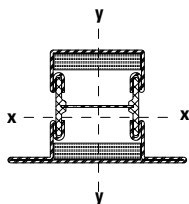


600.008.2 Z



600.010.2 Z

Stabachse
Axe de la barre
Bar axis



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DXF

DWG

Oberfläche/Werkstoff

Artikel-Nr.

ohne Zusatz = blank

mit Z = bandverzinkter Stahl

Werkstoff 1.4301 (AISI 304)

mit 25 = blank

mit 27 = geschliffen, Korn 220-240

Edelstahl geschliffen auf Anfrage

Surface/Matériau

No. d'article

sans supplément = brut

avec Z = bande d'acier zinguée

Matériau 1.4301 (AISI 304)

avec 25 = brut

avec 27 = polies, grain 220-240

Acier Inox polie sur demande

Surface/Material

Part no.

without addition = bright

with Z = strip galvanised steel

Material 1.4301 (AISI 304)

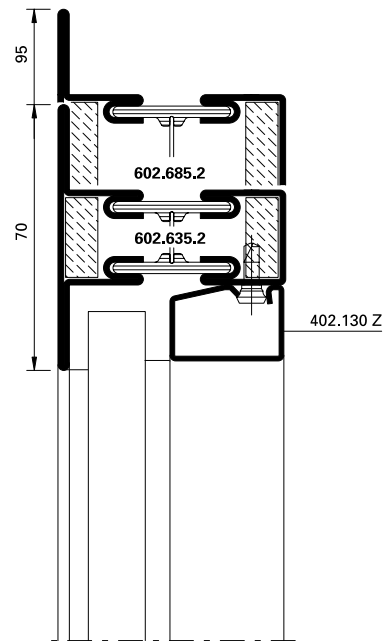
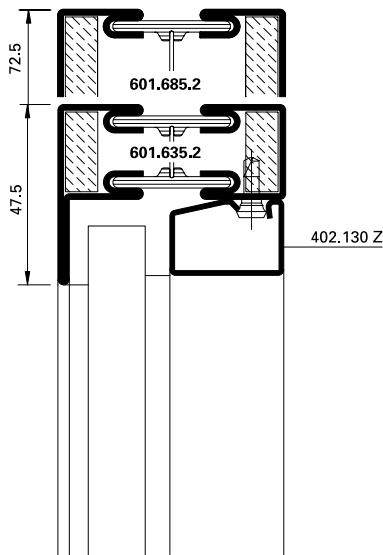
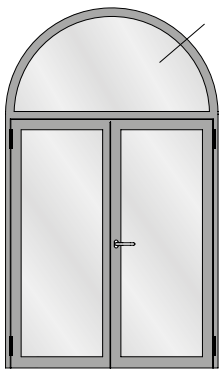
with 25 = bright

with 27 = polished, grain 220-240

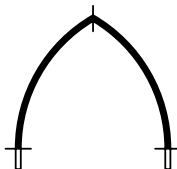
Stainless steel polished on request

Profil-Nr.	G kg/m	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
601.635.2 Z	3,800	14,0	3,78	5,84	1,88	0,215
602.635.2 Z	4,310	16,6	4,07	10,10	2,88	0,260
603.635.2 Z	4,310	19,1	5,97	10,10	2,88	0,260

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
600.001.2 Z	4,080	13,5	4,53	14,0	5,58	0,213
600.002.2 Z	3,100	9,06	3,03	2,60	2,08	0,163
600.005.2 Z	4,360	15,6	4,87	14,6	5,84	0,221
600.006.2 Z	3,280	10,4	3,26	2,76	2,20	0,171
600.007.2 Z	4,000	12,49	4,34	13,65	5,46	0,220
600.008.2 Z	3,080	10,12	3,75	2,80	2,24	0,170
600.010.2 Z	4,160	11,9	4,16	13,1	5,16	0,223



Halbrundbogen
Arc semi-circulaire
Semi-circular arch



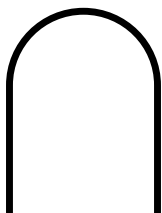
Spitzbogen
Arc en ogive
Gothic arch



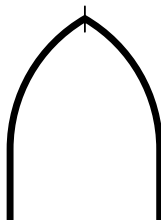
Stichbogen
Arc bombé
Segmented arch



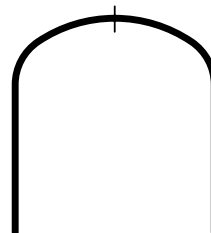
Korbbogen
Anse de panier
Oval arch



Halbrundbogen mit Schenkel
Arc surhaussé prolongée
Semi-circular arch with side extension



Spitzbogen mit Schenkel
Arc en ogive prolongée
Gothic arch with side extension

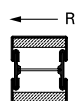


Korbbogen mit Schenkel
Anse de panier prolongée
Oval arch with side extension

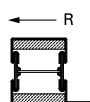
Bogentüren
Portes cintrées
Arched doors

Janisol 2 EI30
Janisol 2 EI30
Janisol 2 EI30

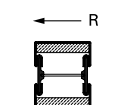
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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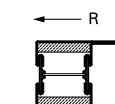
600.001.2 Z	1700 mm
600.002.2 Z	600 mm
600.005.2 Z	1650 mm
600.006.2 Z	500 mm
600.007.2 Z	1650 mm
600.008.2 Z	400 mm
600.010.2 Z	1250 mm



601.635.2 Z	500 mm
601.685.2 Z	1300 mm

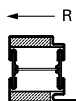


602.635.2 Z	800 mm
602.685.2 Z	1300 mm

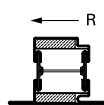


603.635.2 Z	1000 mm
603.685.2 Z	1550 mm

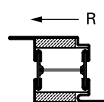
Profil Profilé Profile	Min. Radius Rayon min. Min. radius R
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630.010.2 Z	700 mm
630.013.2 Z	1550 mm



630.110.2 Z	1000 mm
630.114.2 Z	1650 mm



630.411.2 Z	1000 mm
630.416.2 Z	1700 mm

Stahl-Glasleisten Parcloles en acier Steel glazing beads	Min. Radius Rayon min. Min. radius R
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402.112 Z	500 mm
402.115 Z	500 mm
402.120 Z	600 mm
402.125 Z	750 mm
402.130 Z	1000 mm



62.507 Z	300 mm
62.508 Z	300 mm
62.509 Z	300 mm

Biegen von Edelstahl-Profilen auf Anfrage!

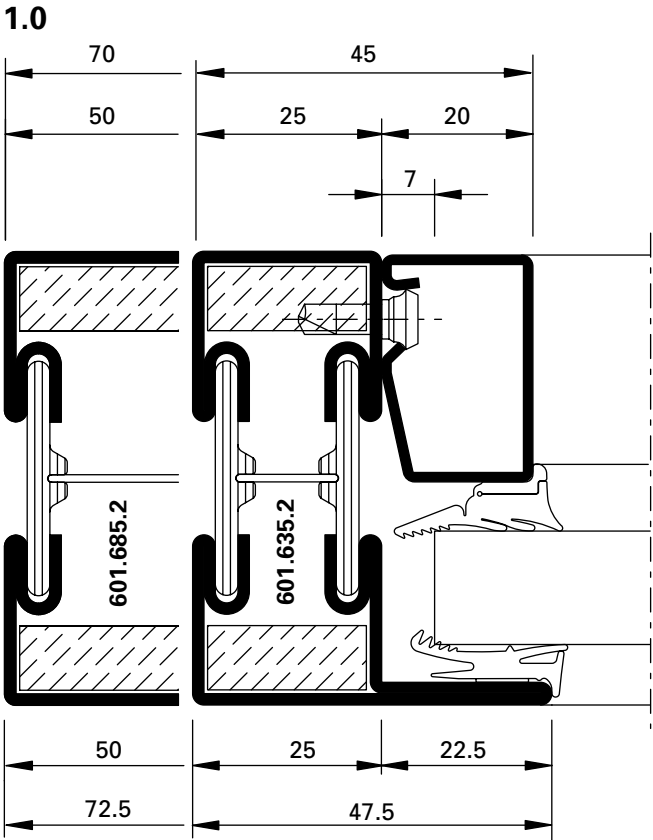
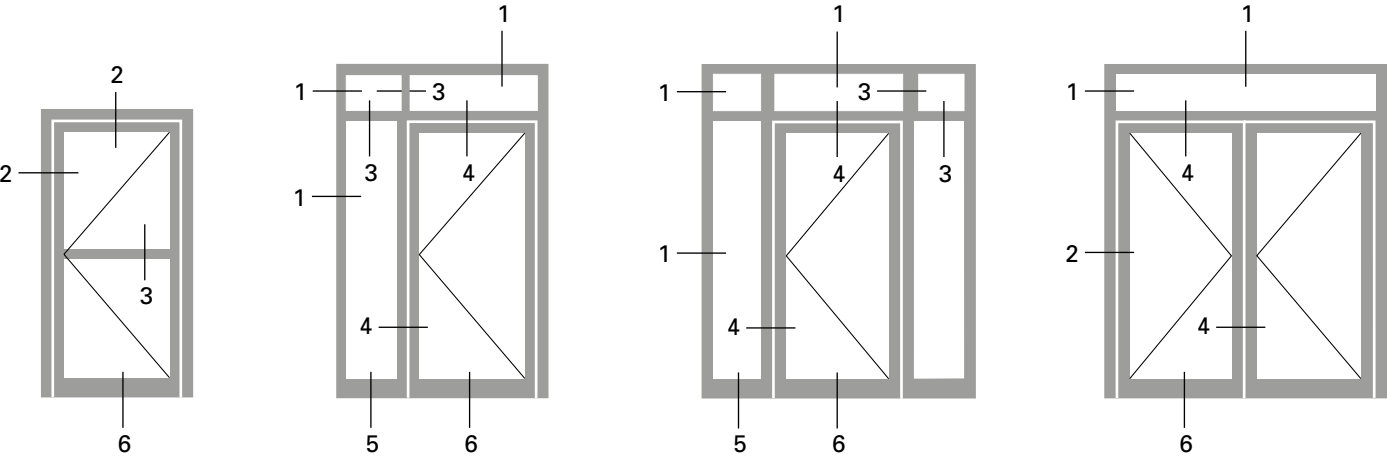
Die Radien-Angaben beziehen sich auf die langjährige Erfahrung und Fertigung im Hause Jansen.

Profilés acier Inox sur demande!

Les rayons indiqués se fondent sur la longue expérience et la fabrication au sein de la maison Jansen.

Stainless steel profiles on request!

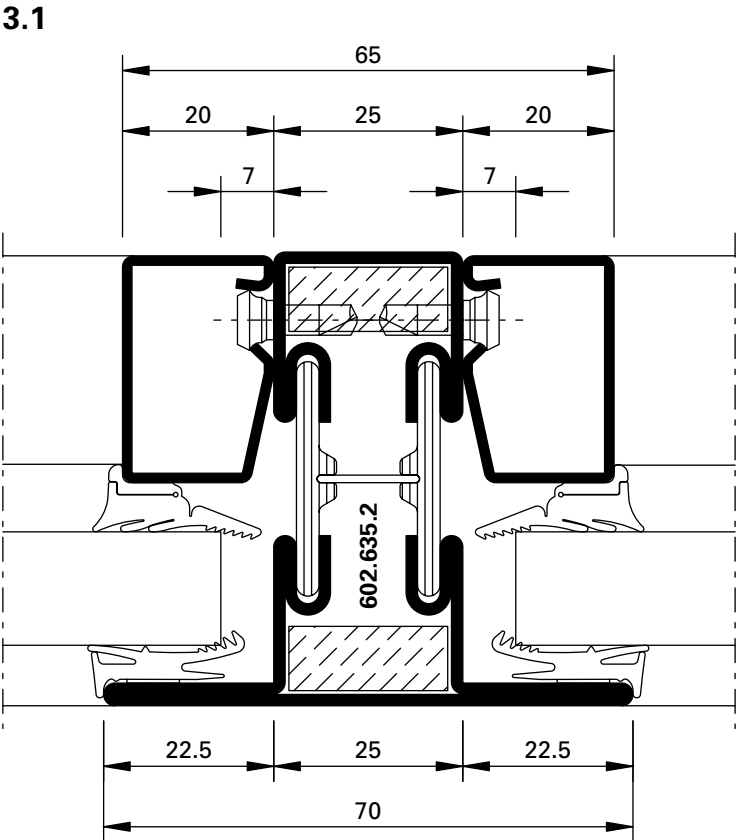
The radii specifications are based on the many years of experience Jansen has in fabrication.



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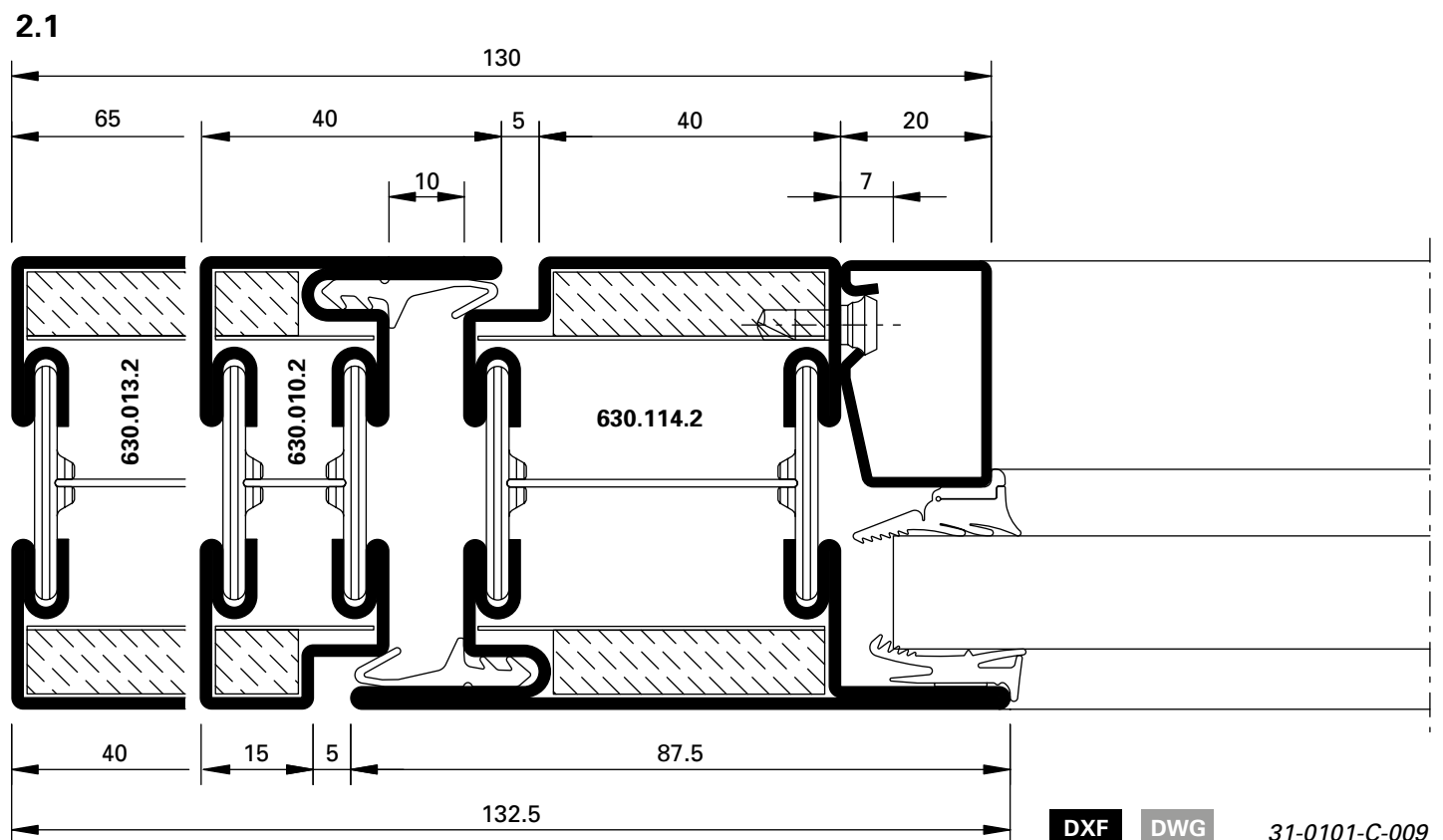
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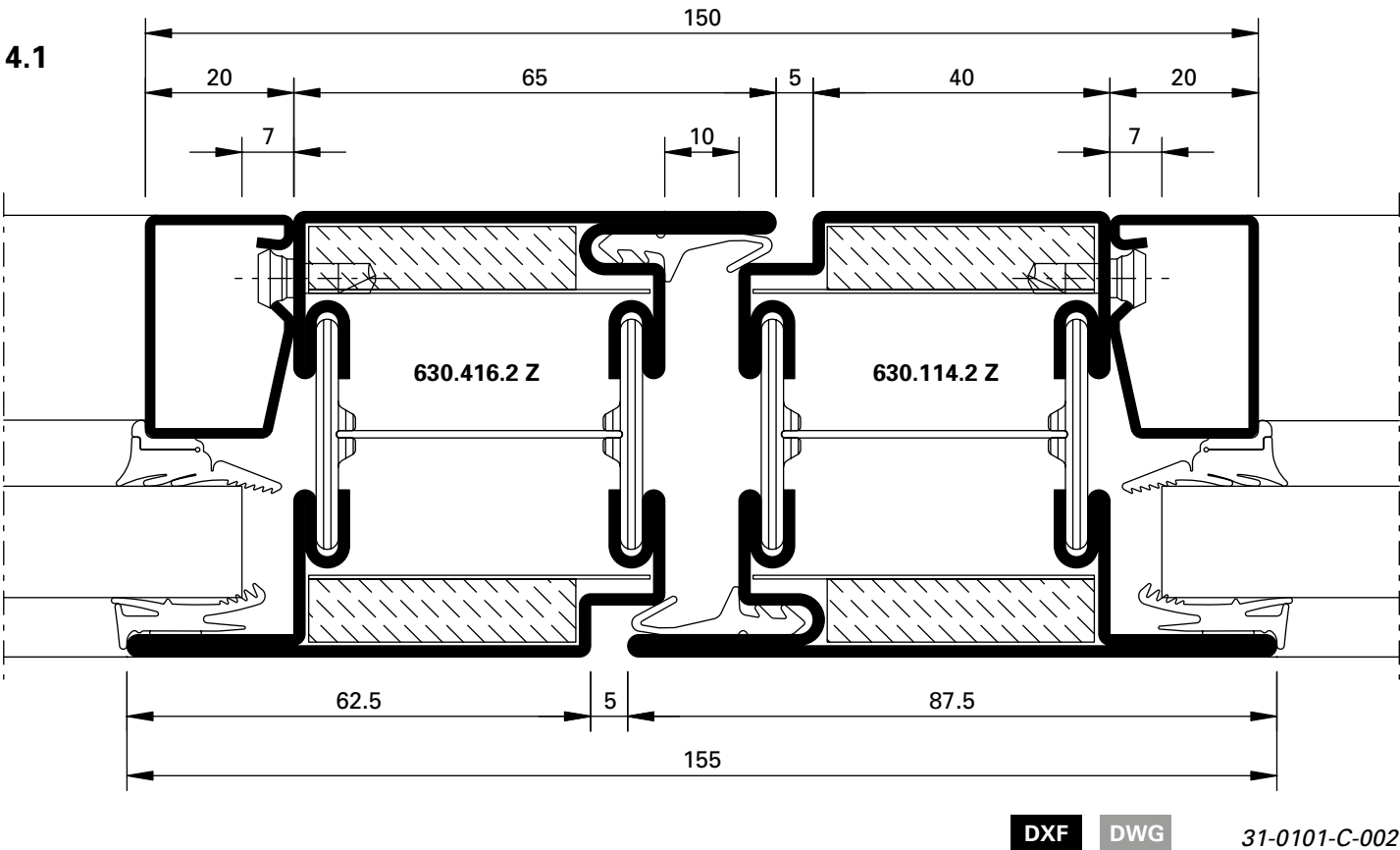
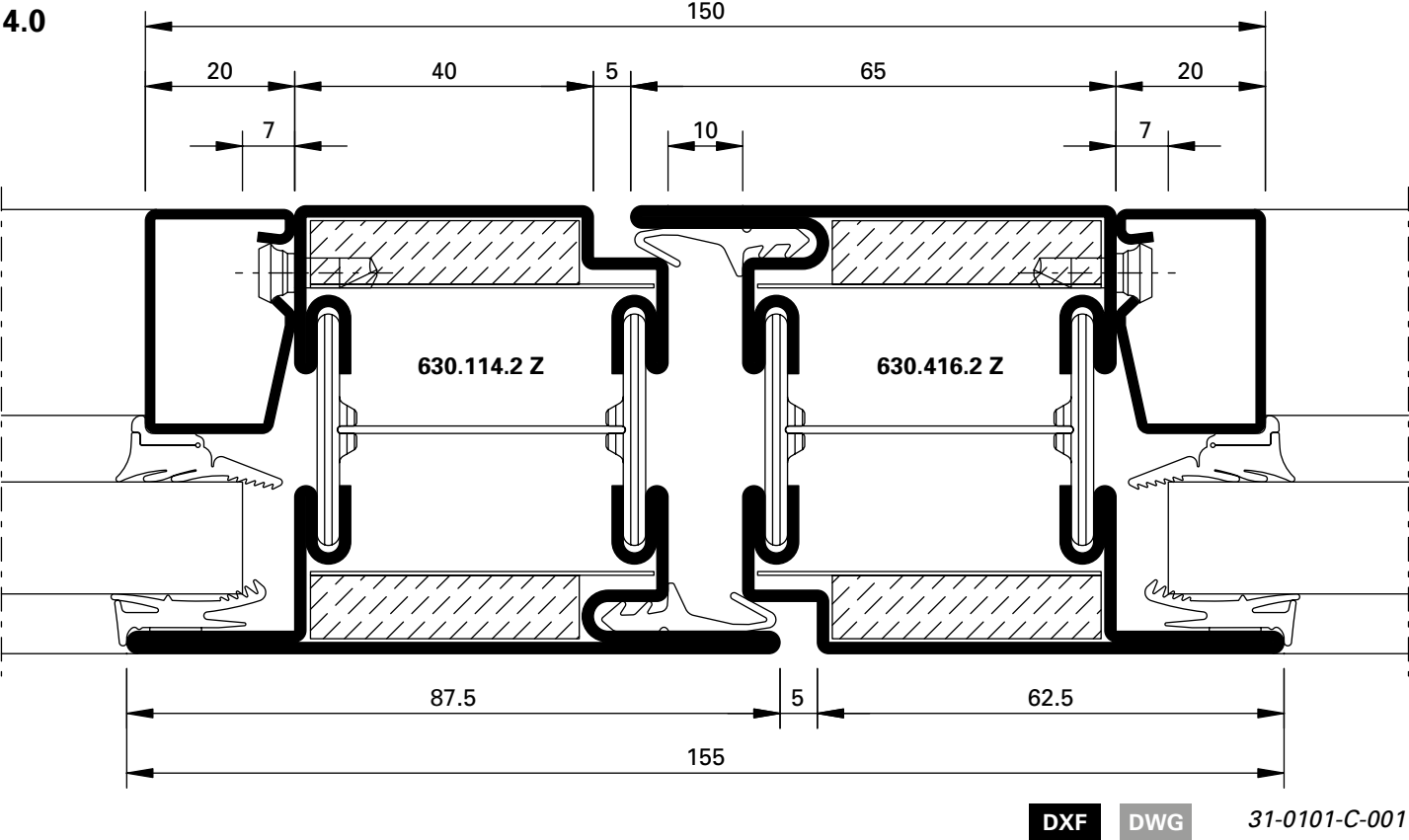


DXF

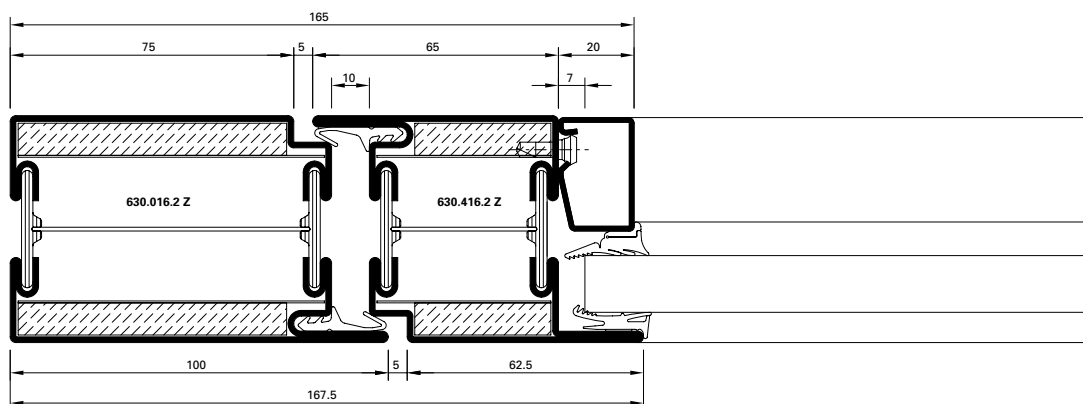
DWG

31-0101-C-006





2.2

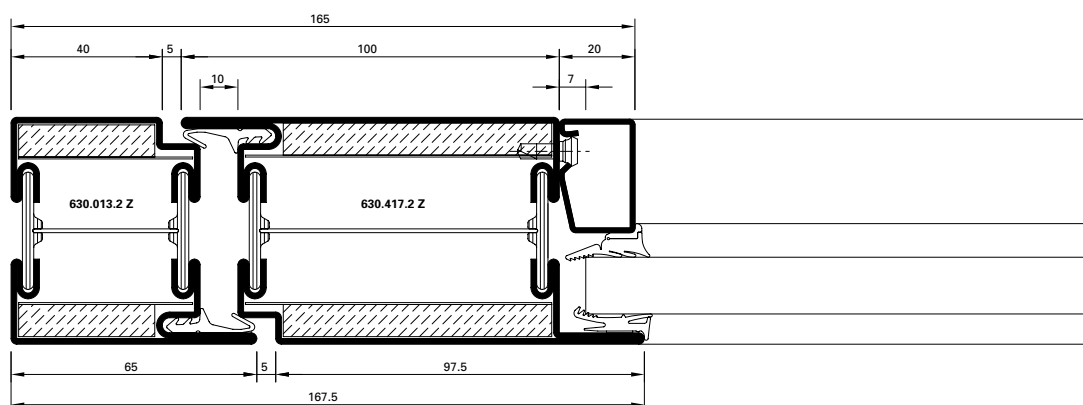


DXF

DWG

31-0101-C-029

2.3

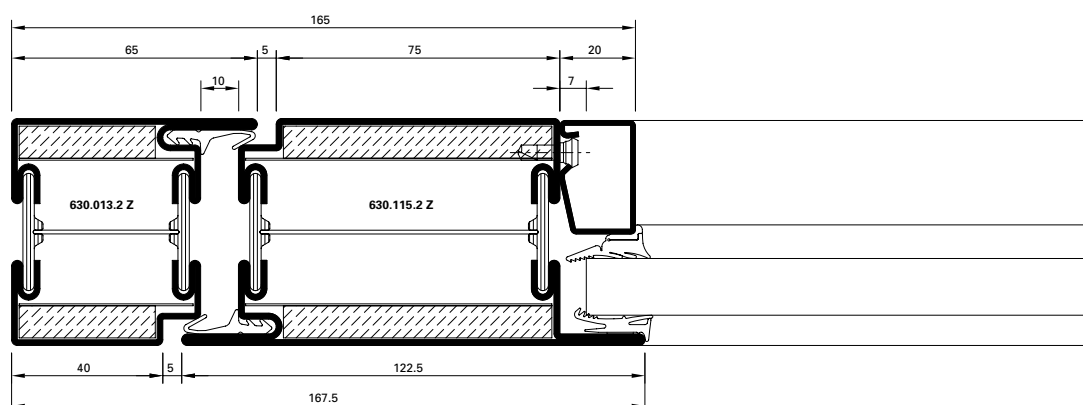


DXF

DWG

31-0101-C-027

2.4

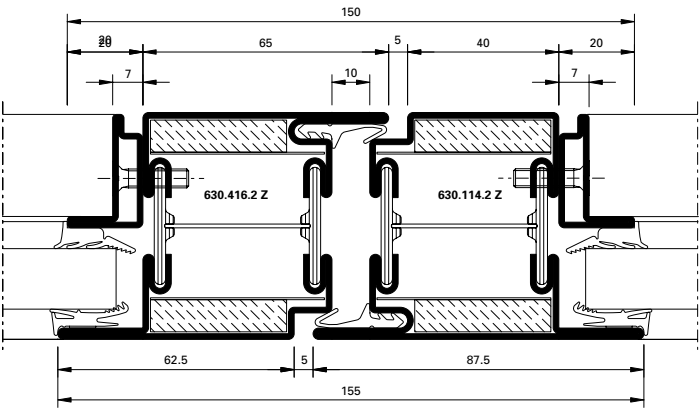


DXF

DWG

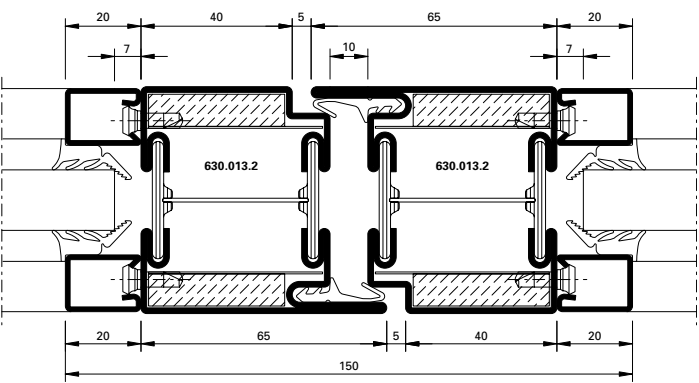
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4.2



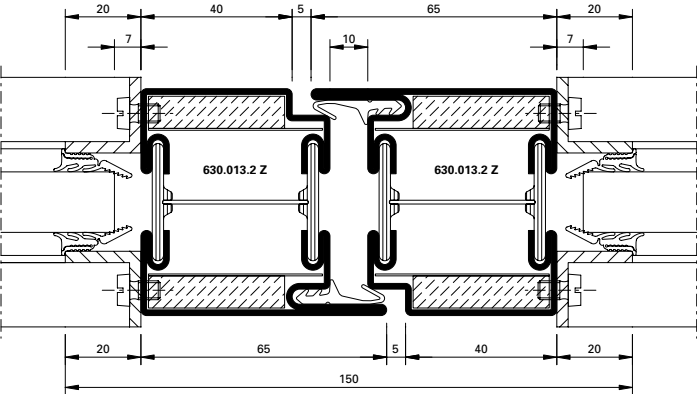
DXF DWG 31-0101-C-030

4.3



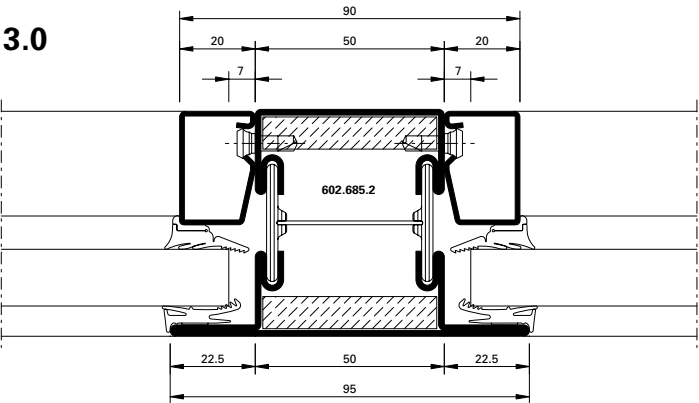
DXF DWG 31-0101-C-031

4.4



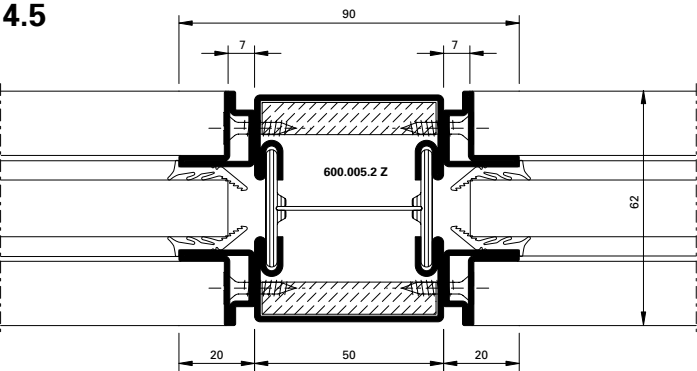
DXF DWG 31-0101-C-032

3.0



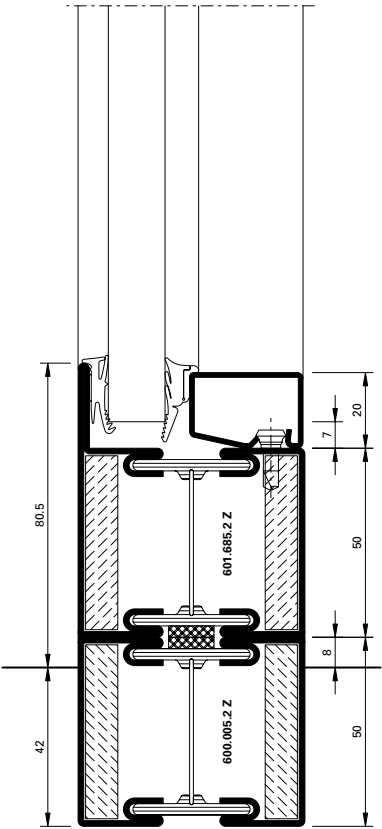
DXF DWG 31-0101-C-005

4.5



DXF DWG 31-0101-C-012

5.0

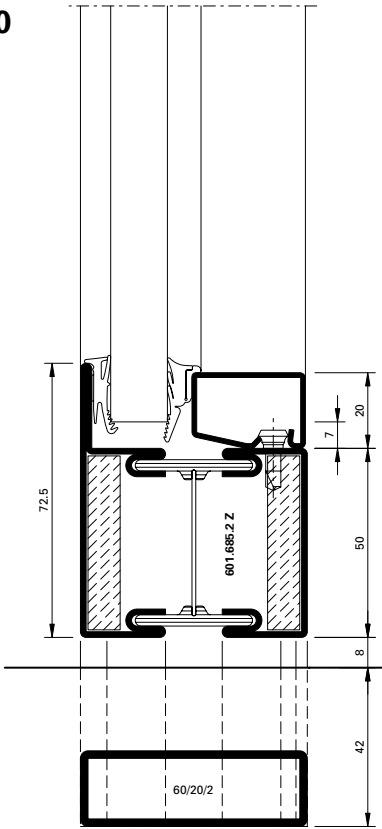


31-0101-C-013

DWG

DXF

6.0

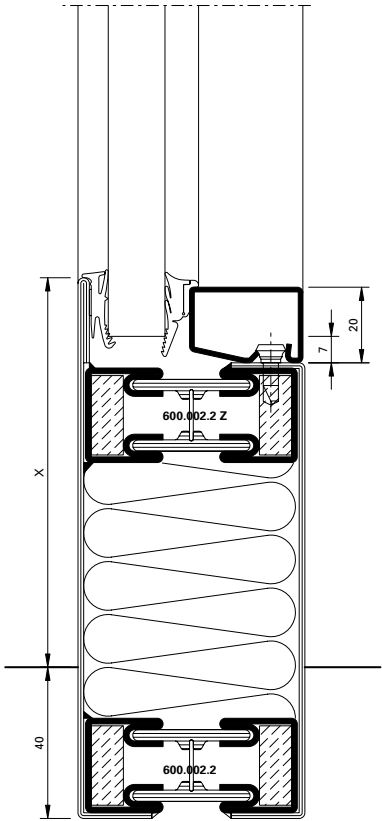


31-0101-C-014

DWG

DXF

5.1

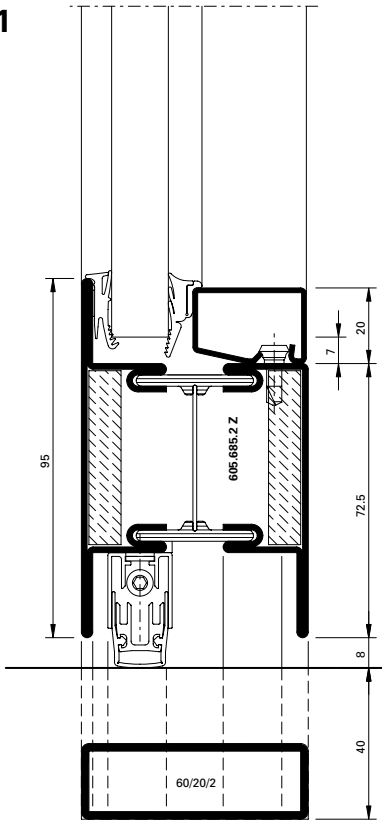


31-0101-C-016

DWG

DXF

6.1



31-0101-C-017

DWG

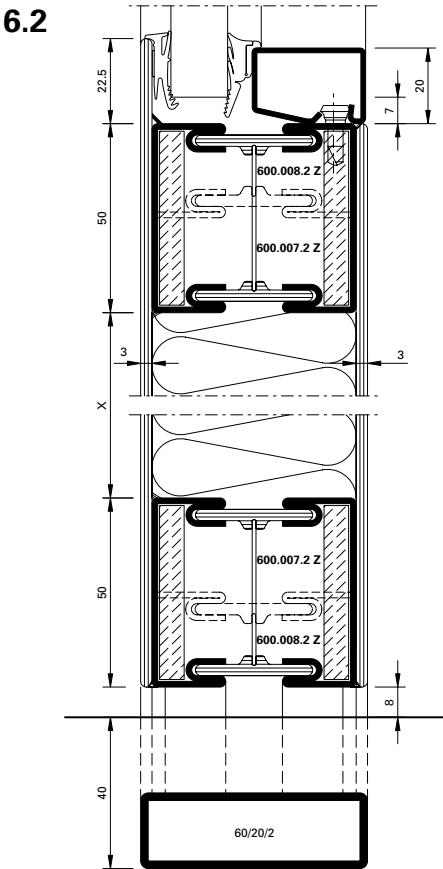
DXF

Technical drawing of a 60/20/2 container. The drawing includes a side view and an end view. The side view shows a container with a height of 20 units and a width of 25 units. The end view shows a container with a height of 22.5 units and a width of 25 units. The container is labeled 60/20/2 Z. The drawing also shows a top view of the container with a width of 40 units and a height of 8 units. The container is shown in a perspective view, highlighting its rectangular shape and the internal structure.

Technical drawing of a double-pane window with a thermal break. The drawing shows a cross-section of the window frame and glazing. Key dimensions include: 22.5 mm for the top frame thickness, 50 mm for the top glazing height, 10 mm for the bottom glazing height, and 40 mm for the bottom frame thickness. The thermal break is indicated by a dashed line with a width of 3 mm. The window is labeled with '600.008.2 Z' and '600.007.2 Z'.

Technical drawing of a door assembly. The drawing shows a cross-section of the door and its frame. Key dimensions and components are labeled:

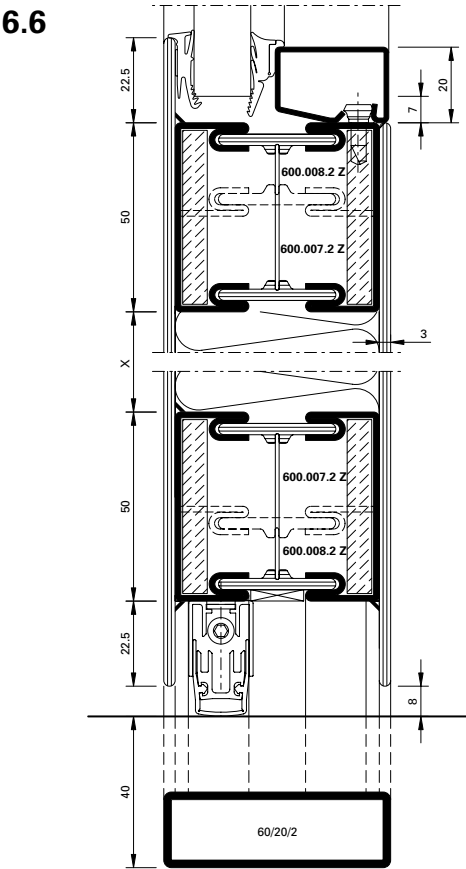
- Overall height: 95
- Bottom frame width: 40
- Bottom frame offset: 9
- Bottom frame depth: 22.5
- Door frame width: 50
- Door frame offset: 7
- Door frame depth: 20
- Door frame material: 605.685.2 Z
- Door frame material: 50/15/2
- Door frame material: 45/20/2



31-0101-C-020

DWG

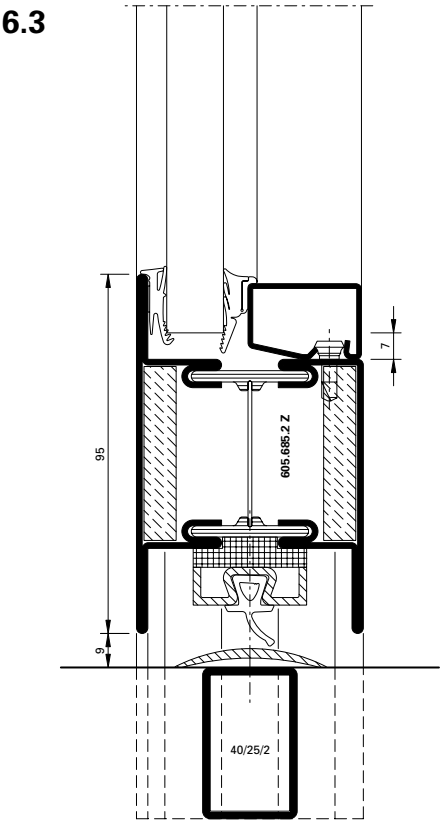
DXF



31-0101-C-021

DWG

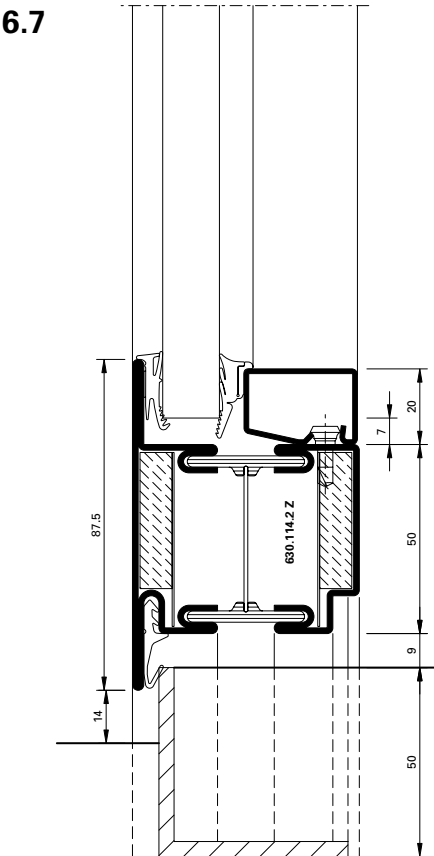
DXF



31-0101-C-023

DWG

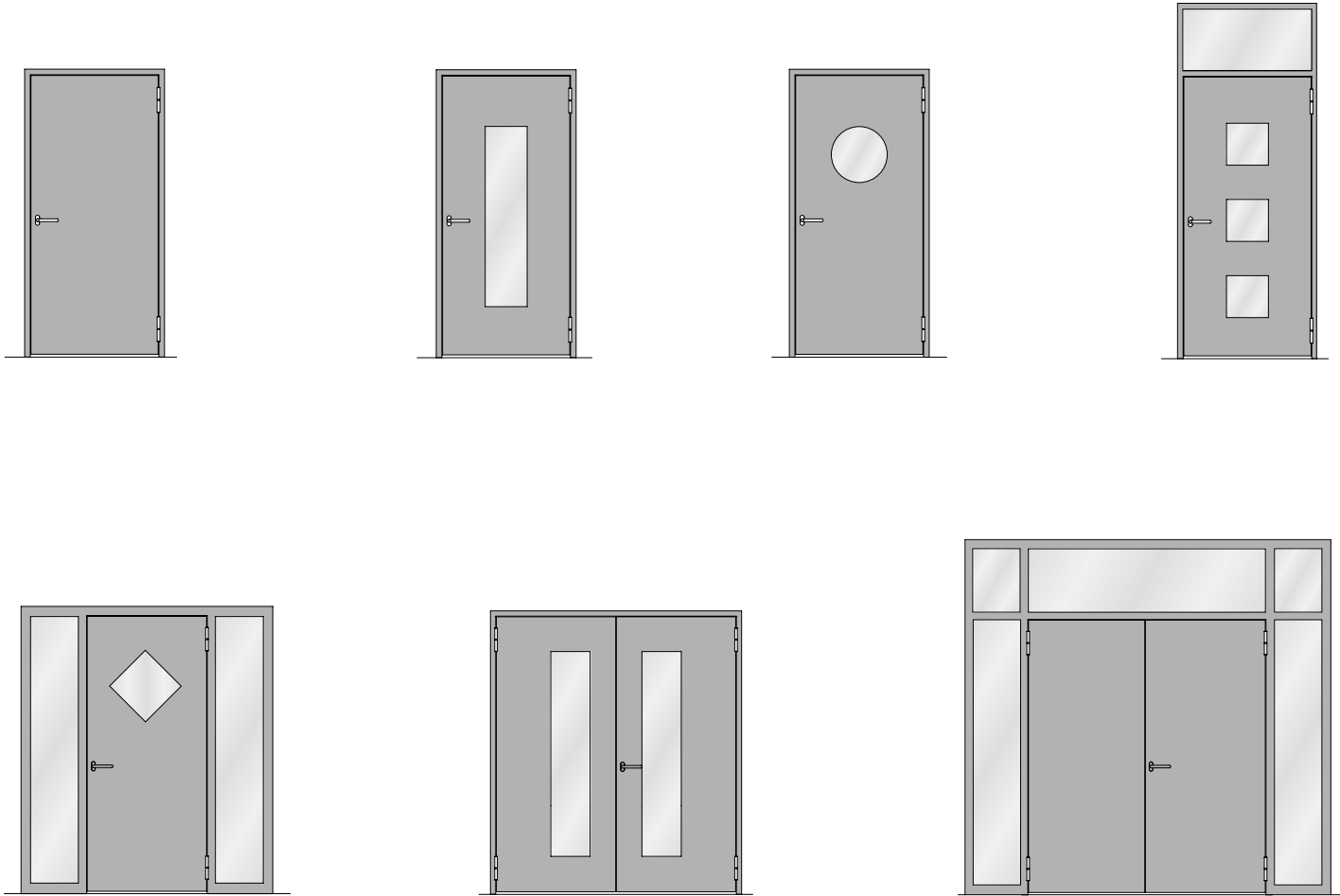
DXF

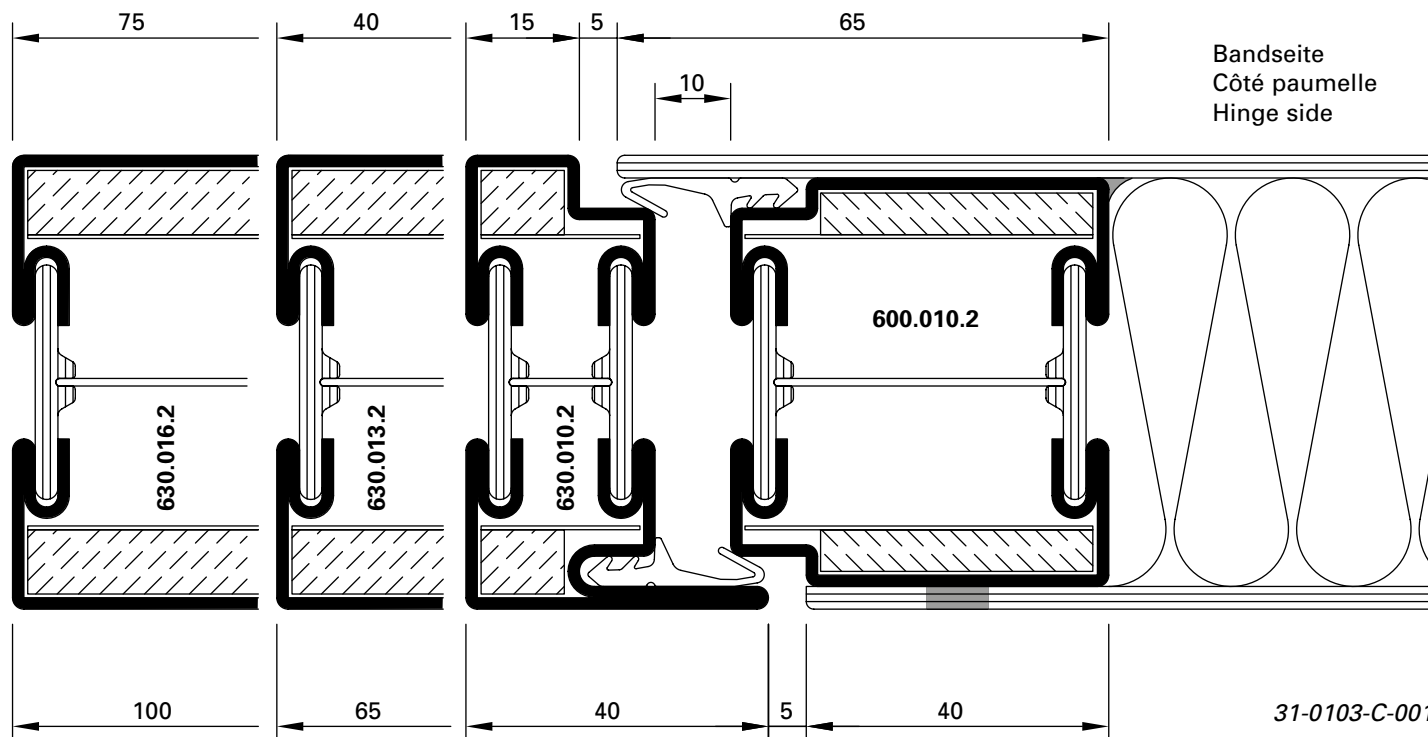


31-0101-C-024

DWG

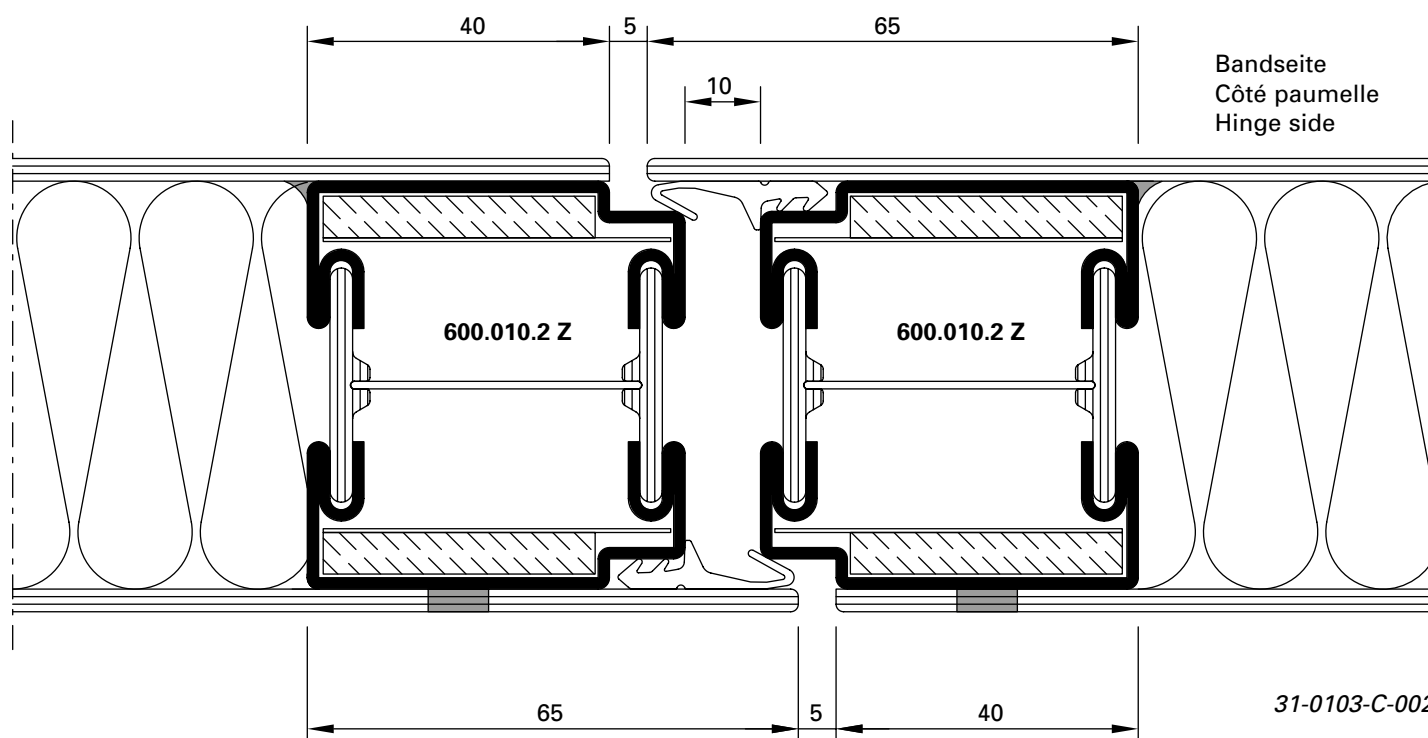
DXF





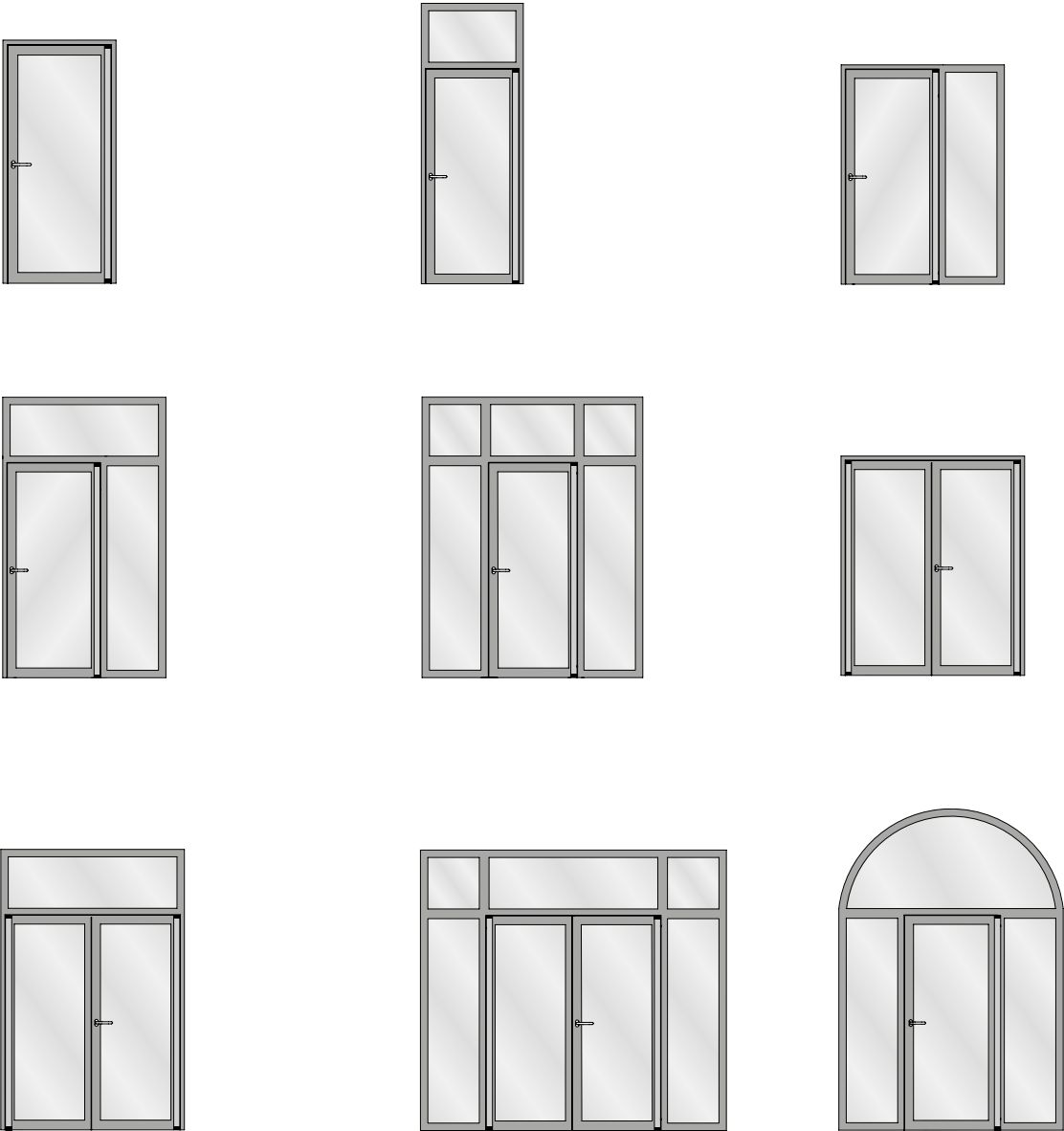
DXF

DWG



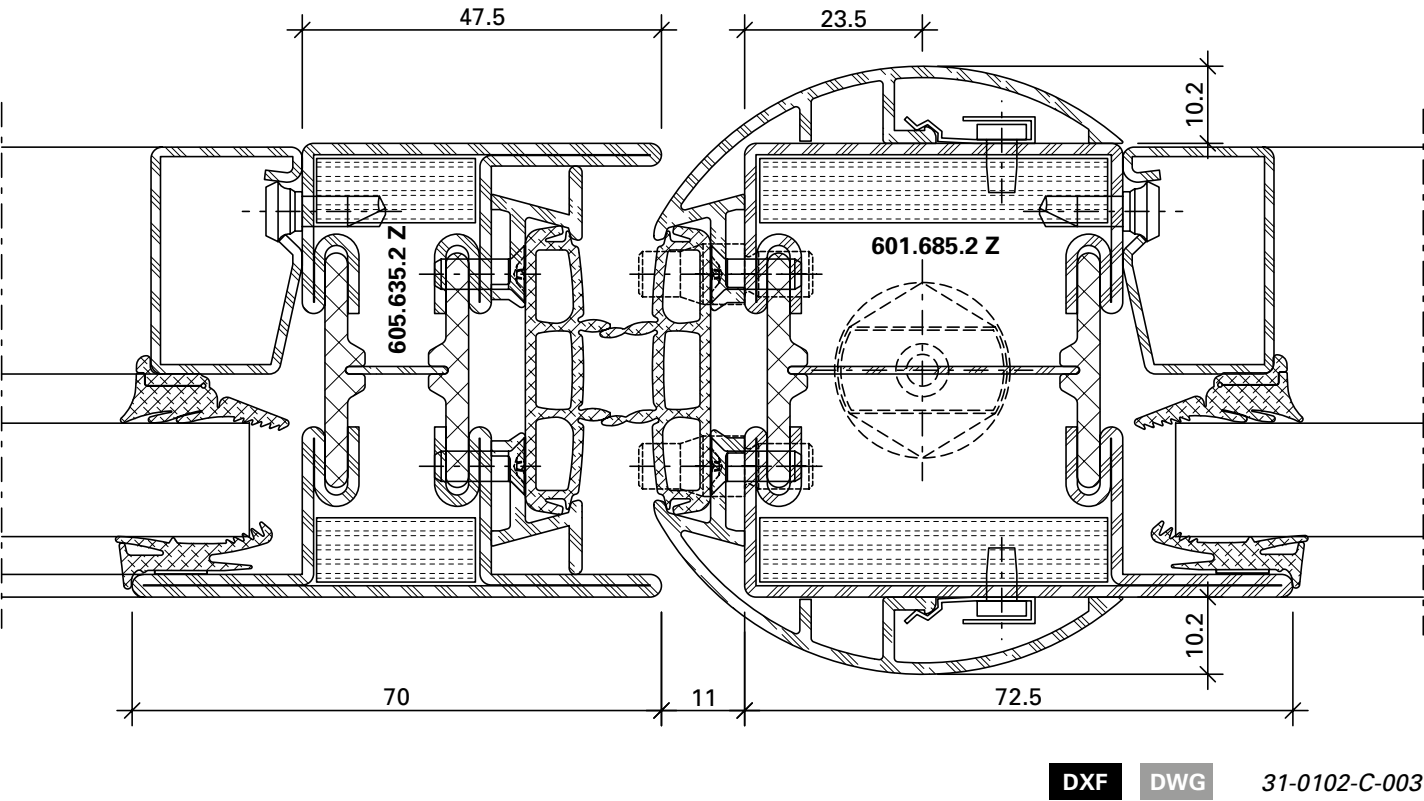
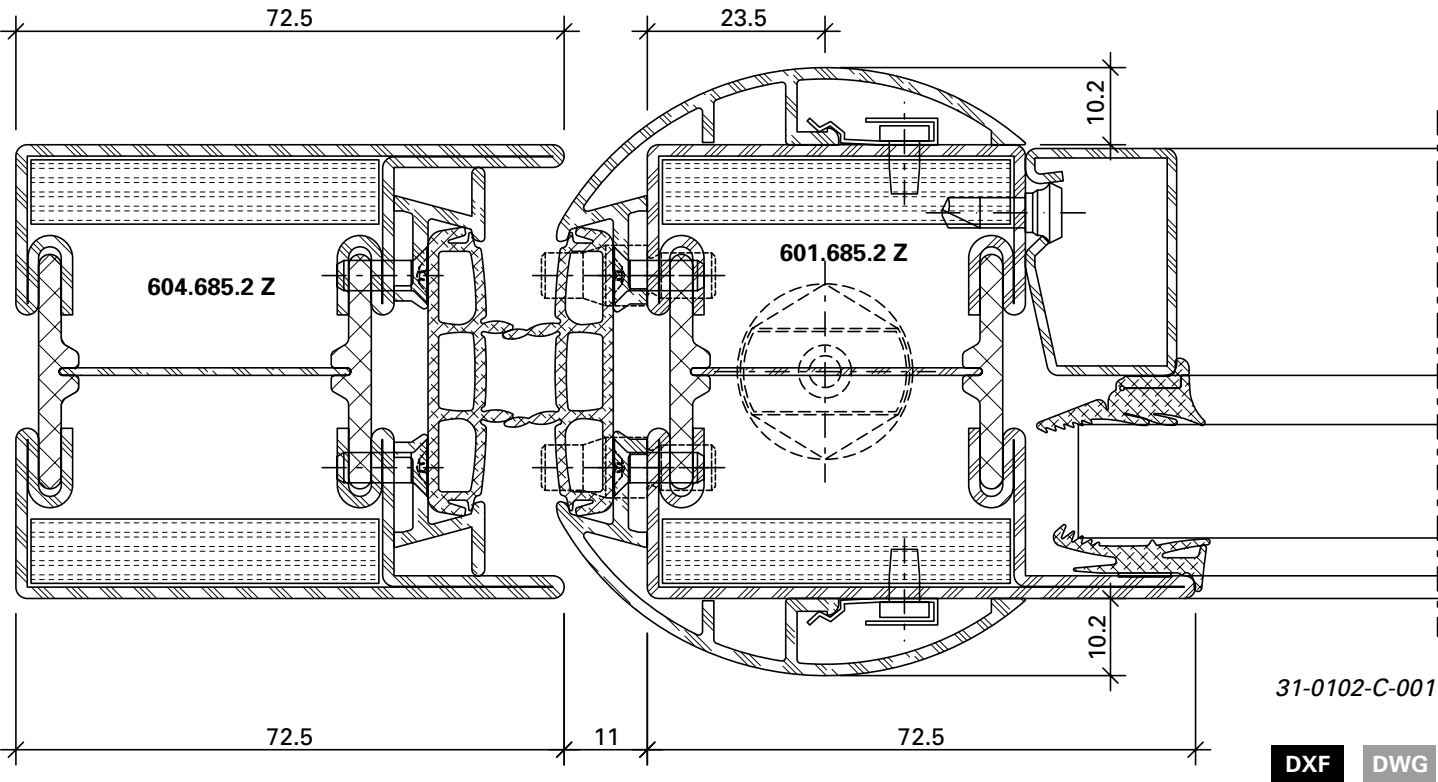
DXF

DWG



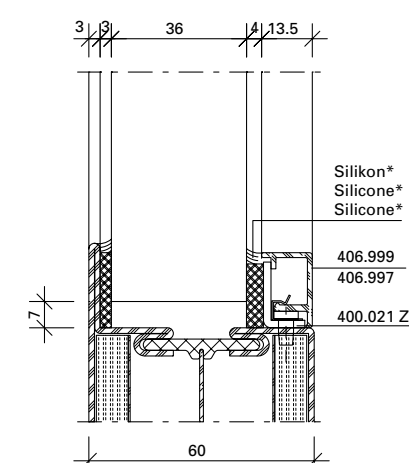
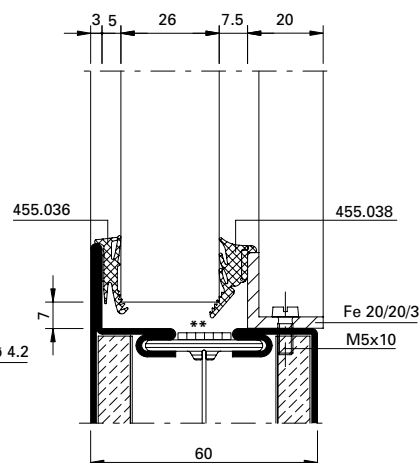
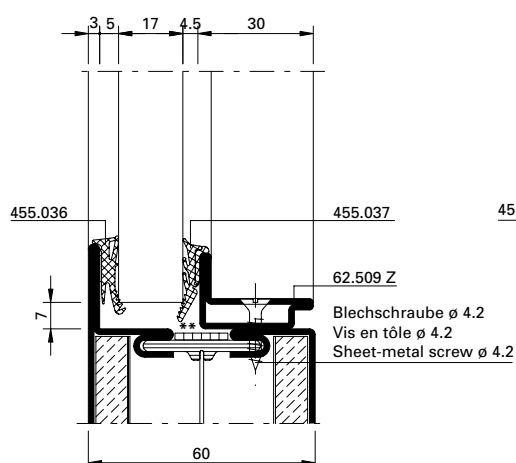
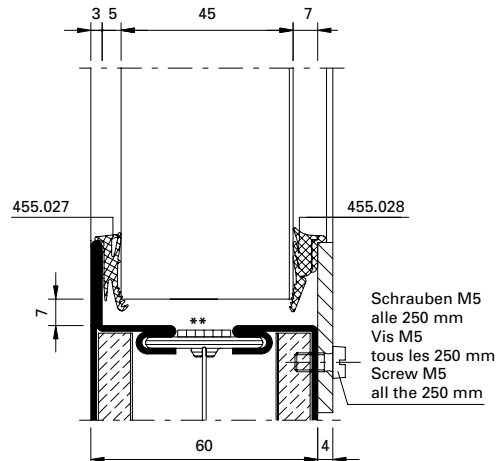
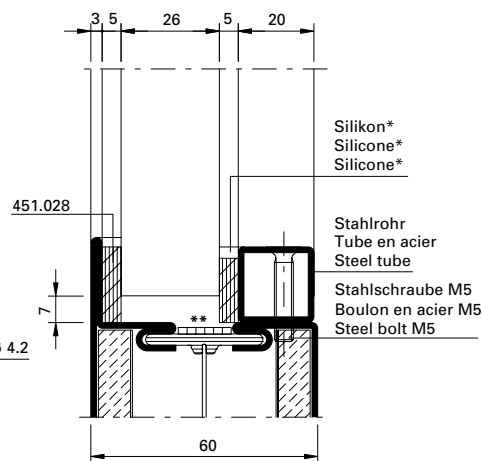
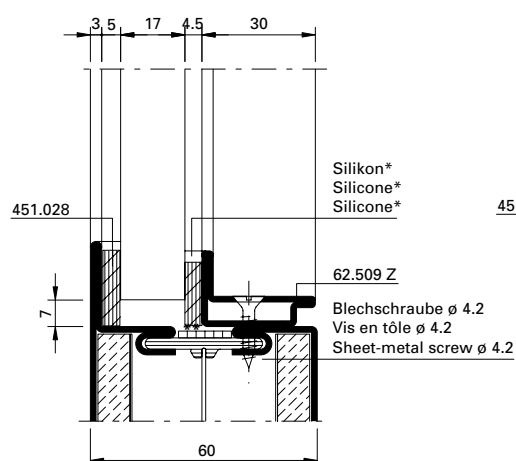
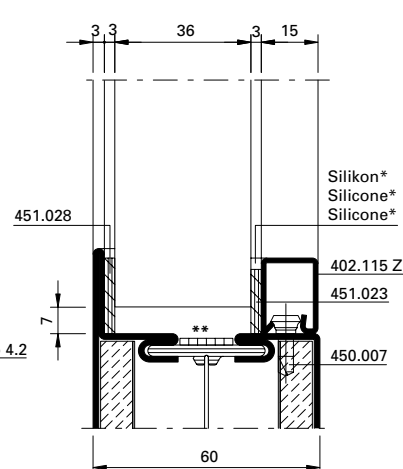
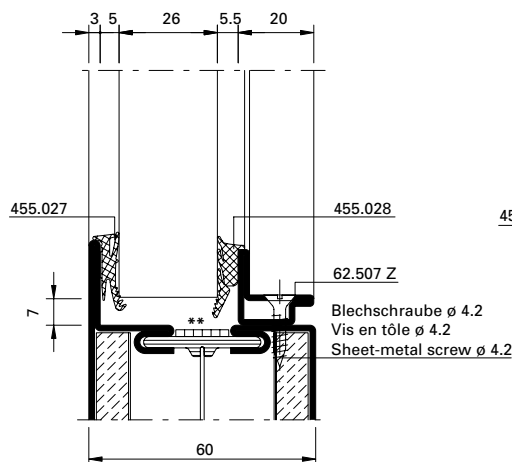
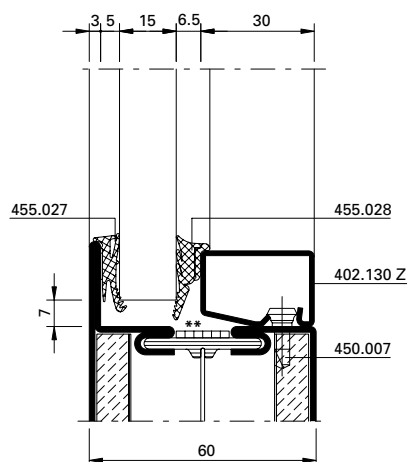
Schnittpunkte im Massstab 1:1
Coupe de détails à l'échelle 1:1
Section details on scale 1:1

Janisol 2 EI30
Janisol 2 EI30
Janisol 2 EI30



Glasleisten-Varianten im Massstab 1:2
Variantes de parclores à l'échelle 1:2
Glazing bead options on scale 1:2

Janisol 2 EI30
 Janisol 2 EI30
 Janisol 2 EI30



* Silikon wahlweise

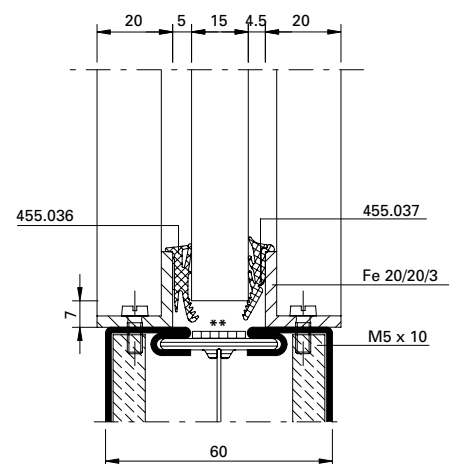
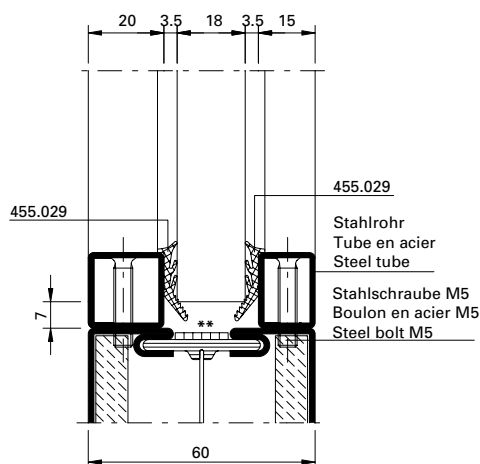
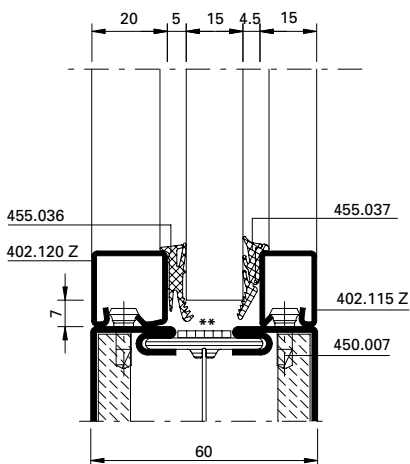
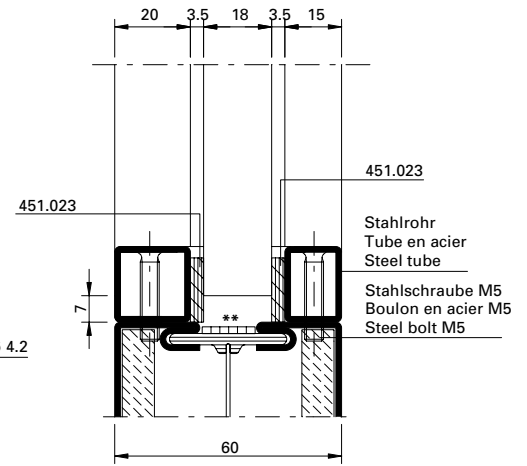
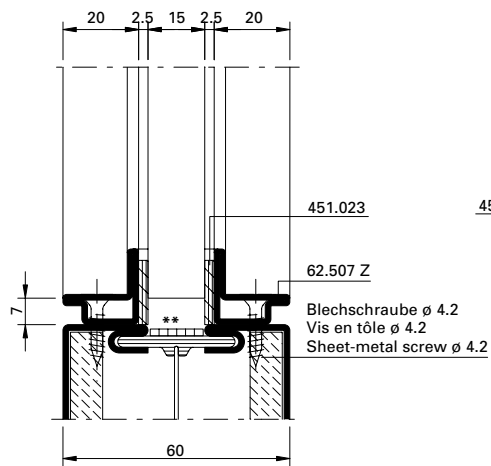
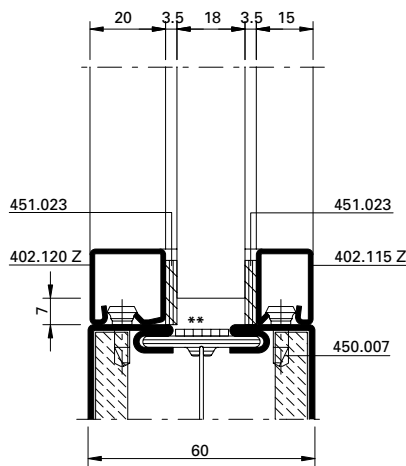
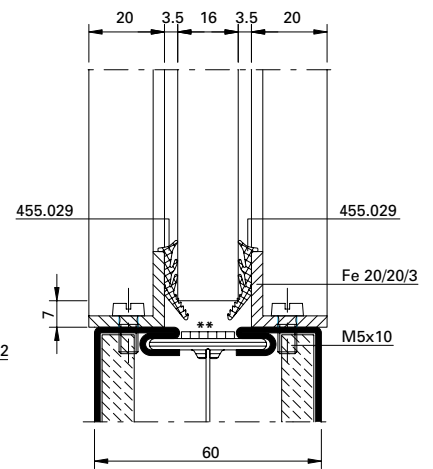
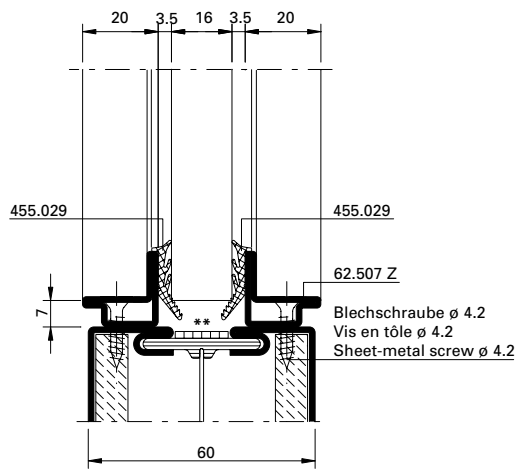
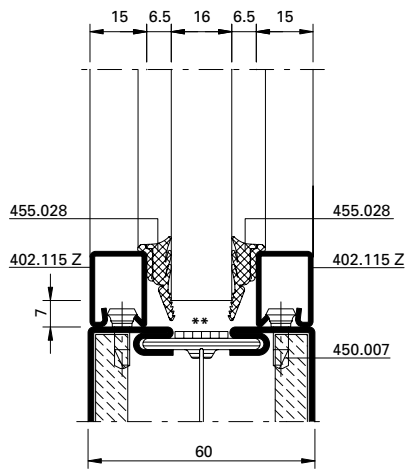
* Silicone au choix

* Silicone optional

** Auf das Brandschutzlaminat kann verzichtet werden, wenn Gläser mit aufschäumendem Randverbund verwendet werden.

** Il est possible de se passer de la bande de protection-incendie quand les vitres sont utilisées avec un scellement moussant.

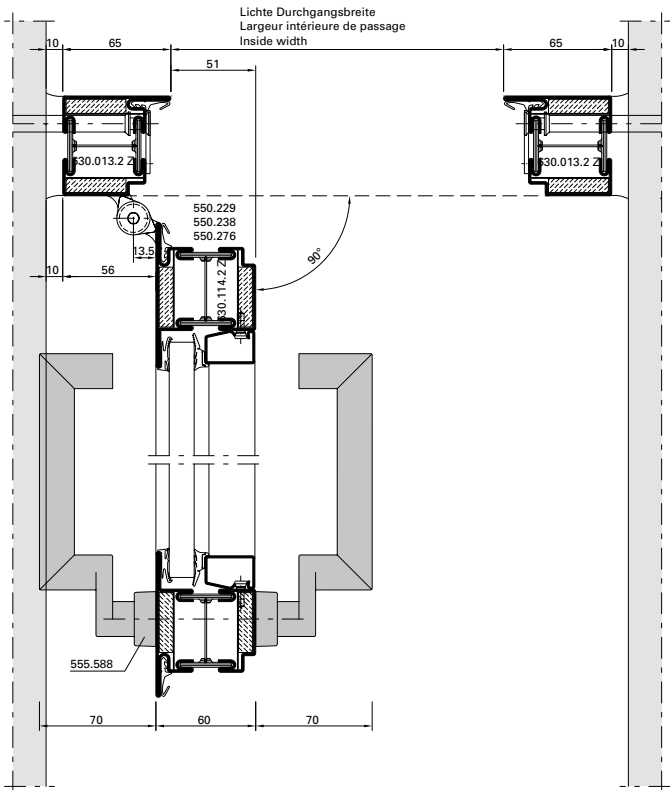
** The fire resistant laminate can be dispensed with if the glass is used with a foaming glass edge seal.



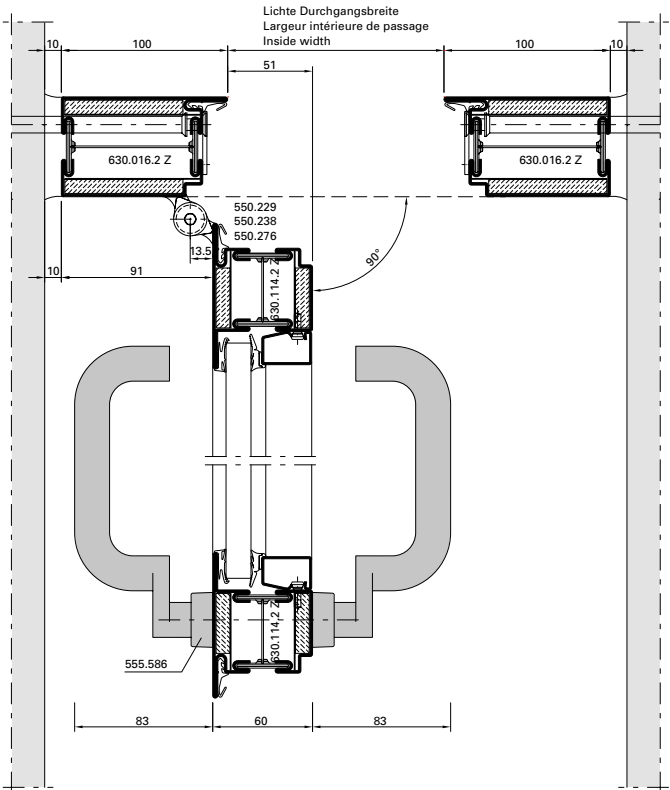
** Auf das Brandschutzlaminat kann verzichtet werden, wenn Gläser mit aufschäumendem Randverbund verwendet werden.

** Il est possible de se passer de la bande de protection-incendie quand les vitres sont utilisées avec un scellement moussant.

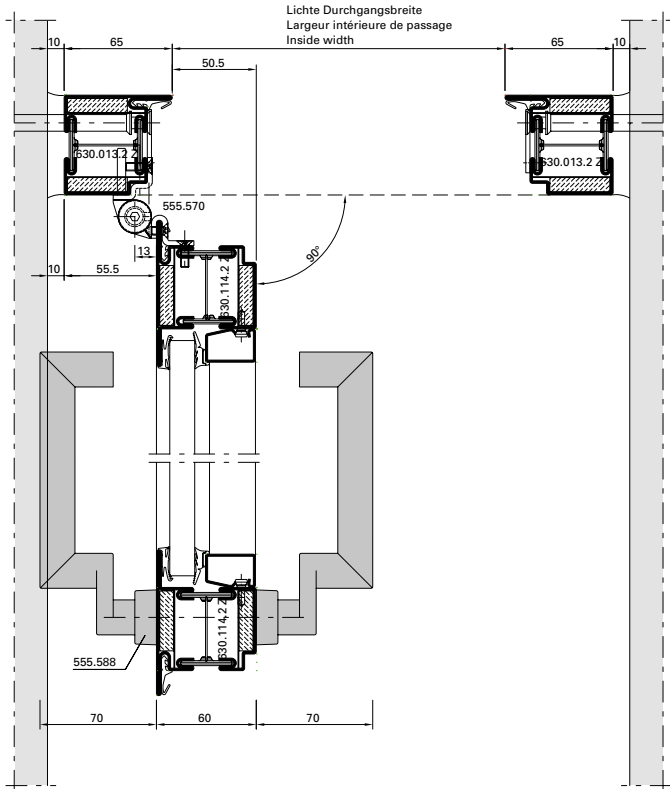
** The fire resistant laminate can be dispensed with if the glass is used with a foaming glass edge seal.



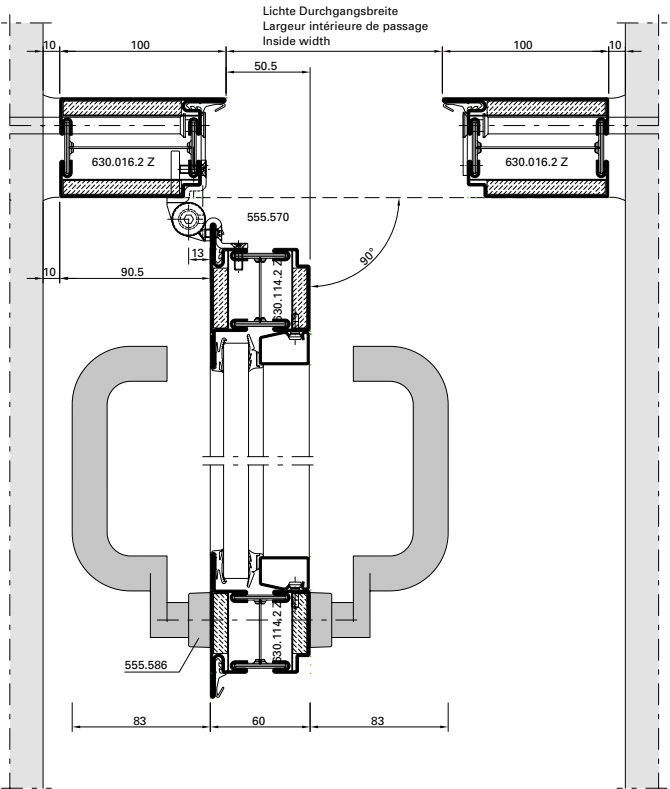
DXF DWG 31-0101-E-013



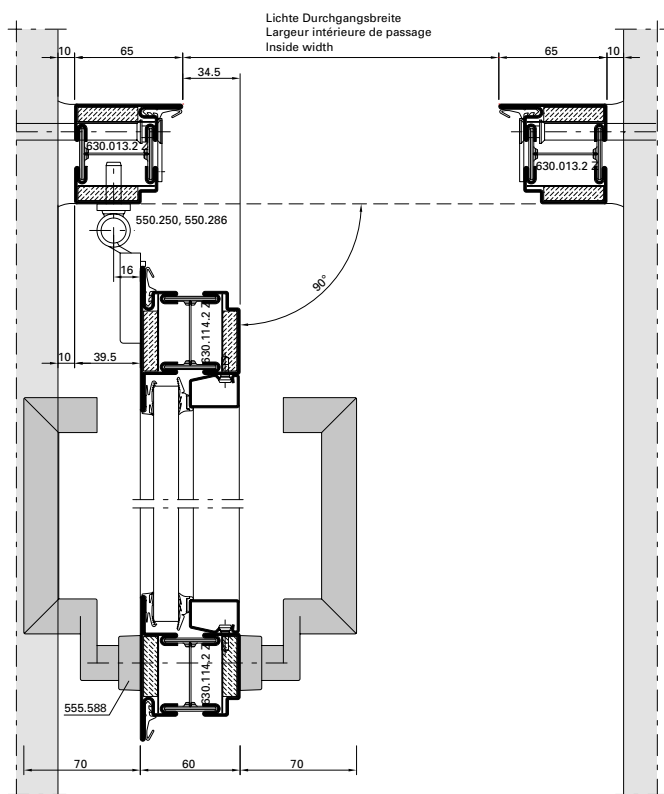
DXF DWG 31-0101-E-014



DXF DWG 31-0101-E-018



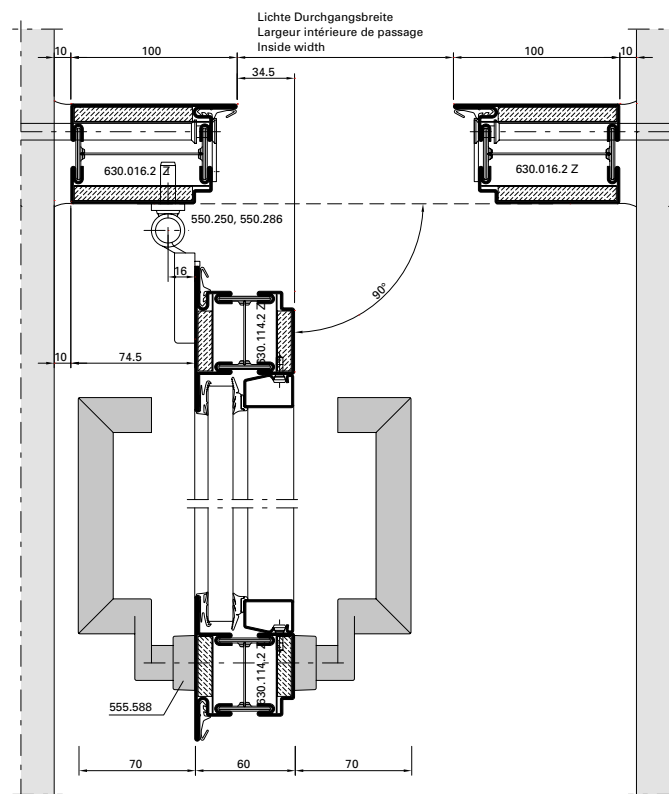
DXF DWG 31-0101-E-019



DXF

DWG

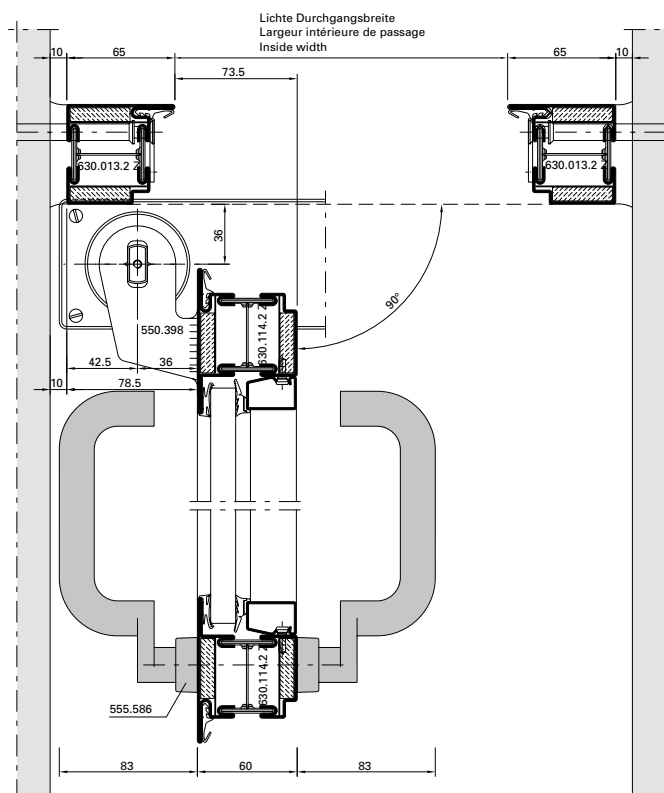
31-0101-E-015



DXF

DWG

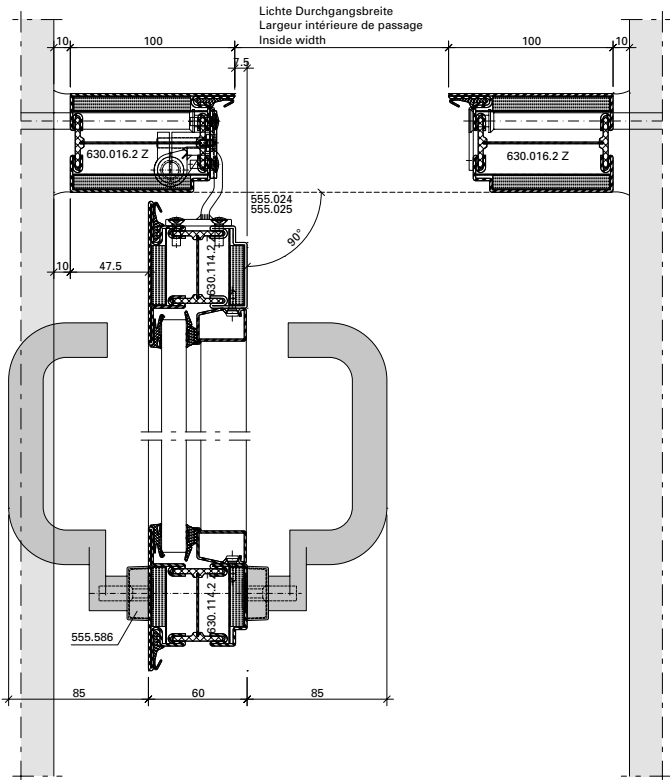
31-0101-E-016



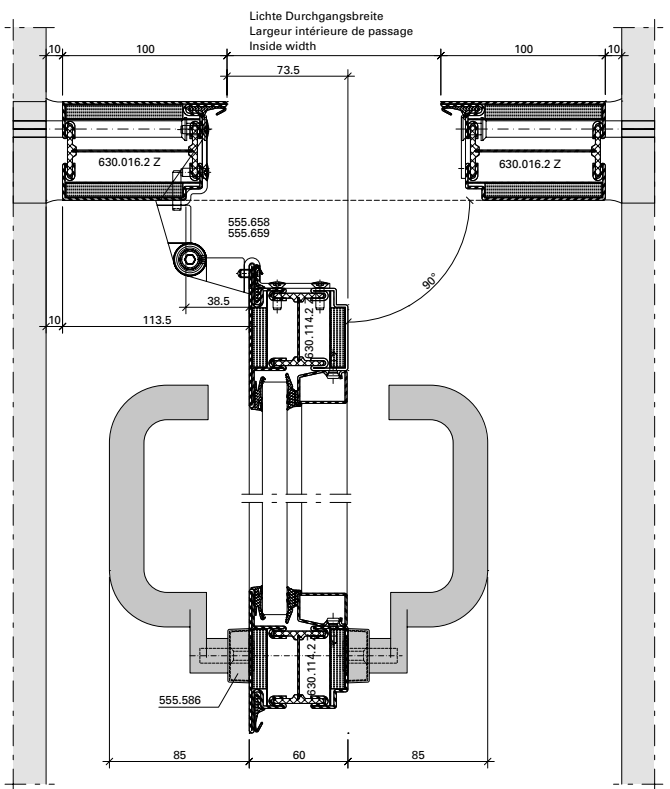
DXF

DWG

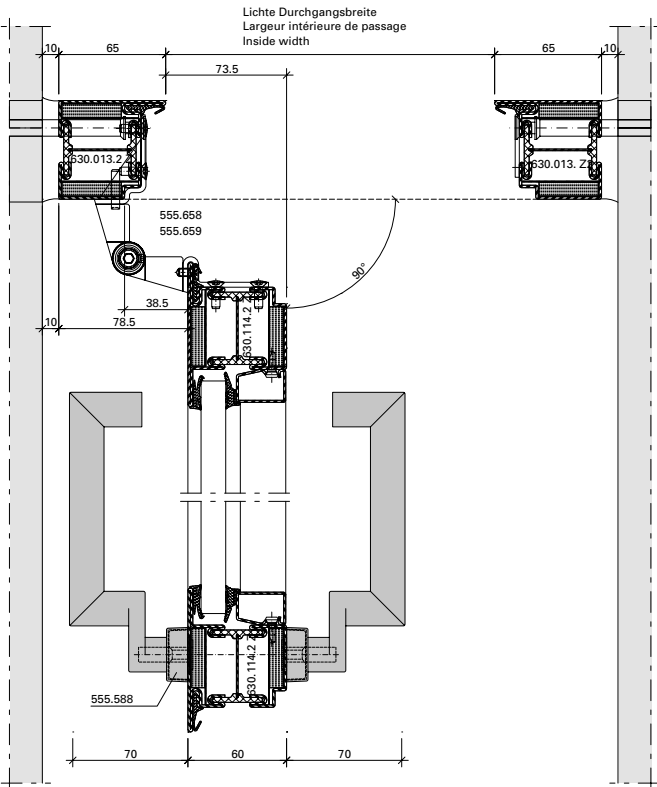
31-0101-E-017



DXF **DWG** 31-0101-E-159



DXF **DWG** 31-0101-E-160

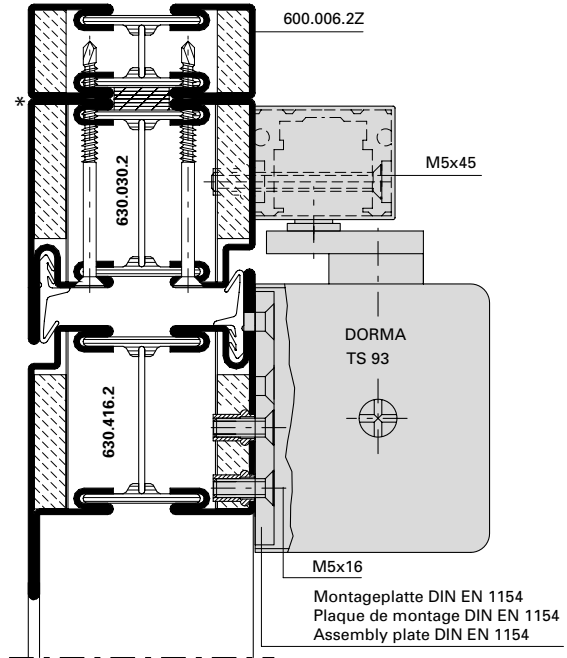
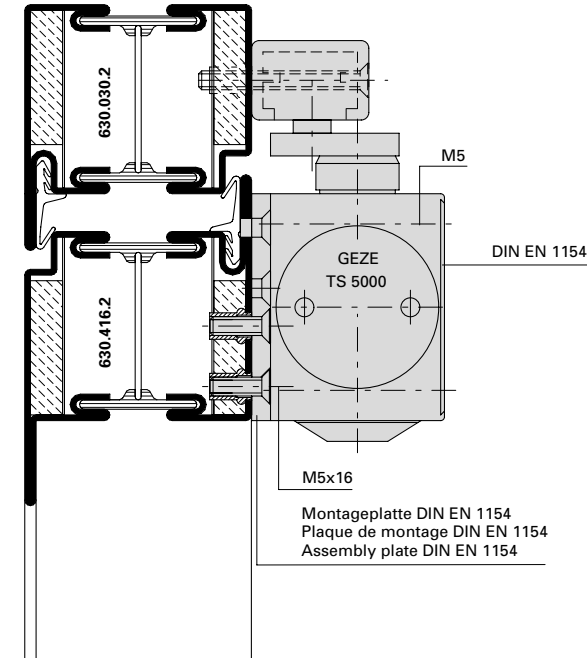


DXF **DWG** 31-0101-E-161

Obentürschliesser

Ferme-porte supérieur

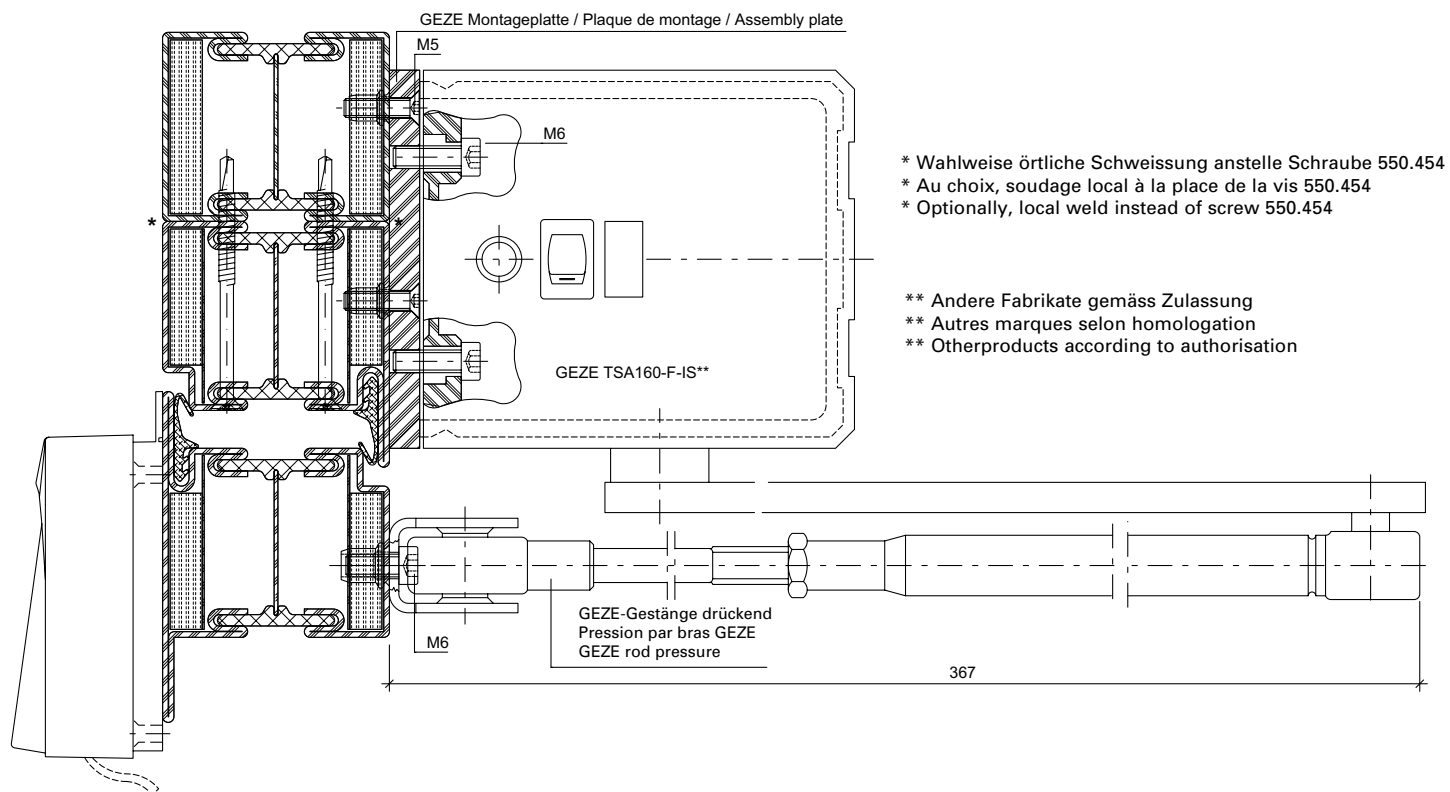
Top door closer



Drehtürautomat

Mécanisme automatique pour porte

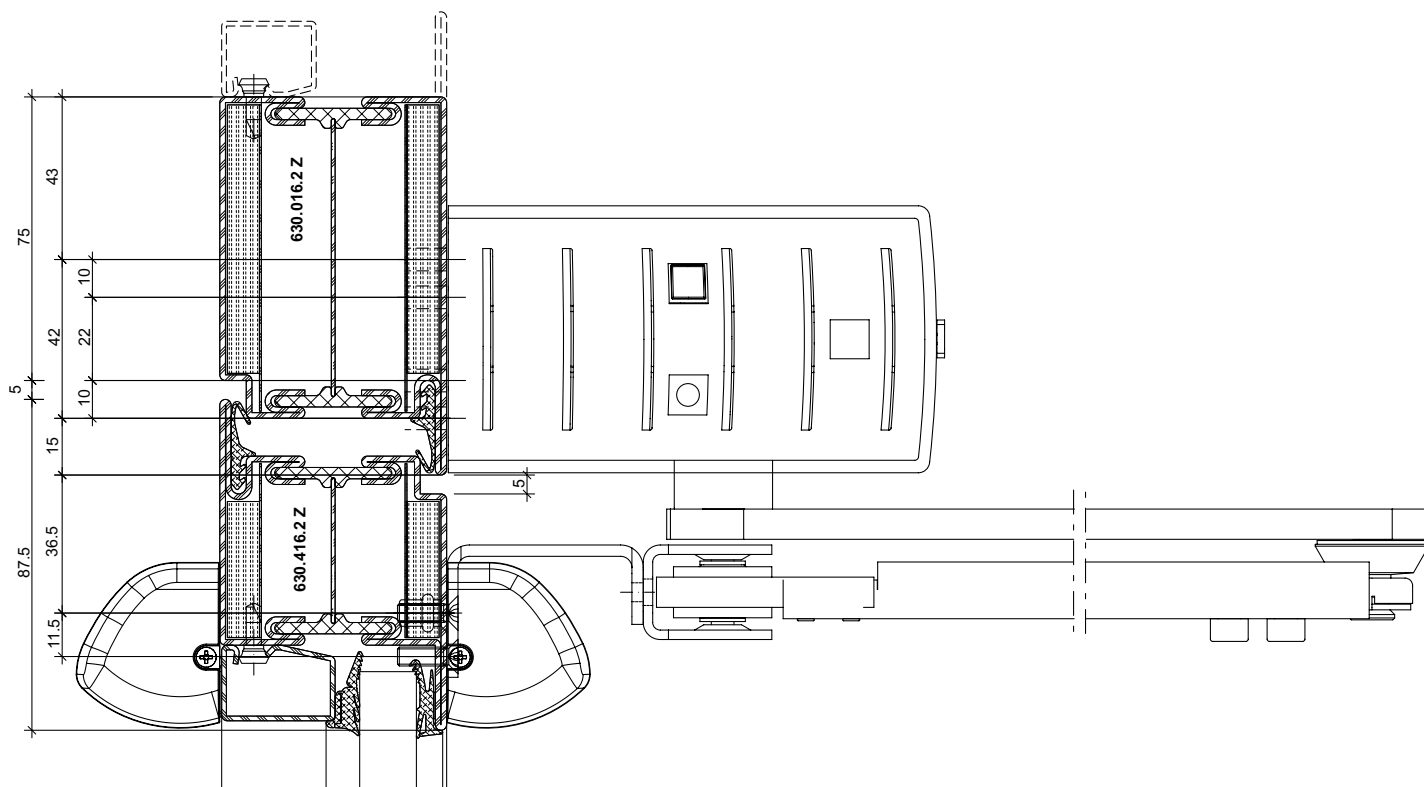
Automatic mechanism for door



Drehtürantrieb
GEZE Powerturn

Commande pour portes à la française
GEZE Powerturn

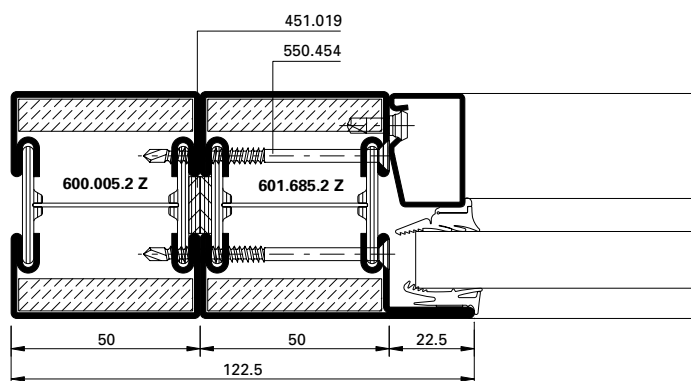
Side-hung door drive
GEZE Powerturn



Detail Rahmen-Verbreiterung

Détail élargissement du cadre

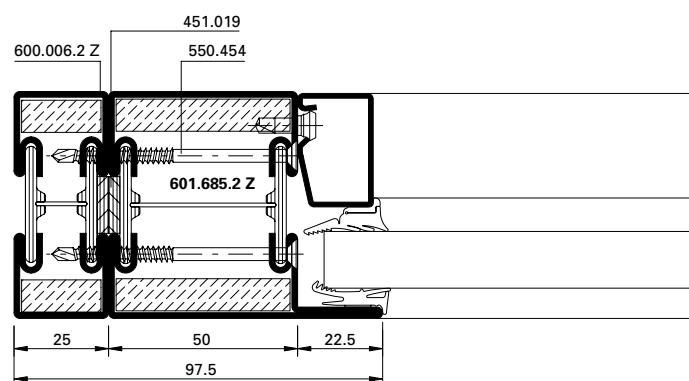
Detail enlargement of frame



31-0101-K-001

DXF

DWG



31-0101-K-002

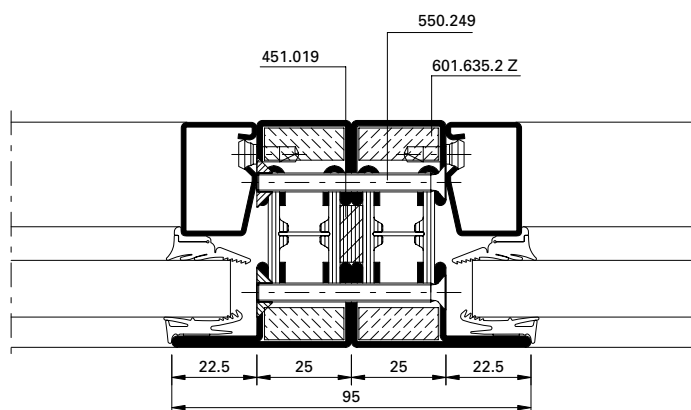
DXF

DWG

Detail Elementstoss
 Pfosten-Verbreiterung

Détail jonction des éléments
 élargissement du montant

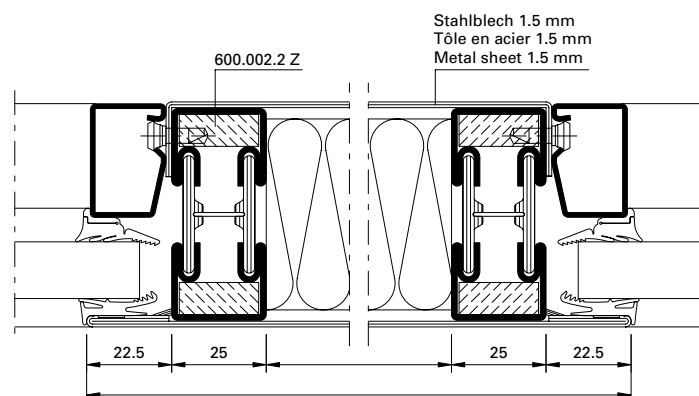
Junction detail
 enlargement of mullion



DXF

DWG

31-0101-K-003



DXF

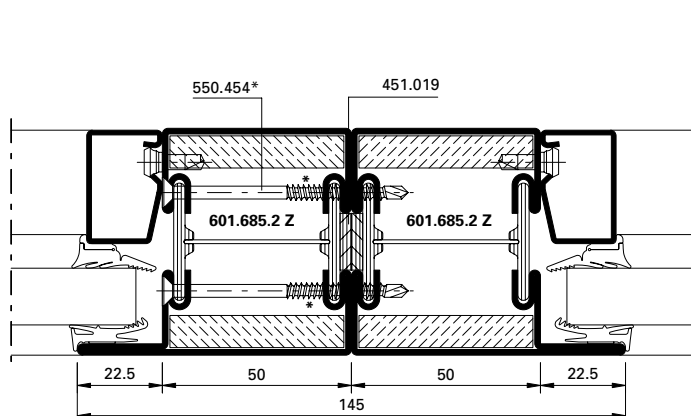
DWG

31-0101-K-004

Detail Elementstoss

Détail jonction des éléments

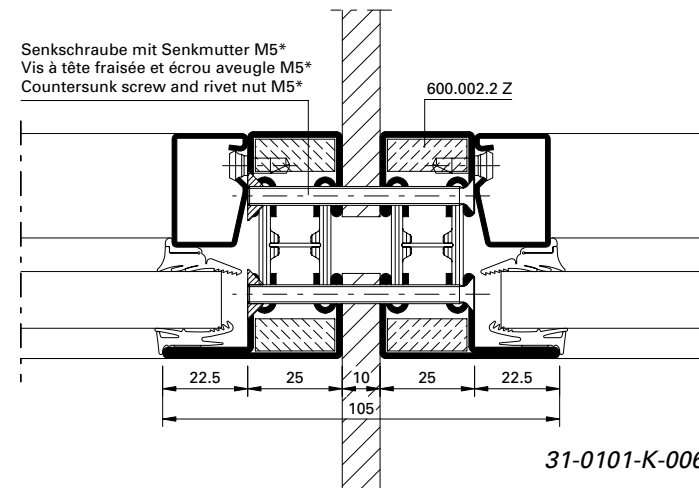
Junction detail



DXF

DWG

31-0101-K-005



31-0101-K-006

DXF

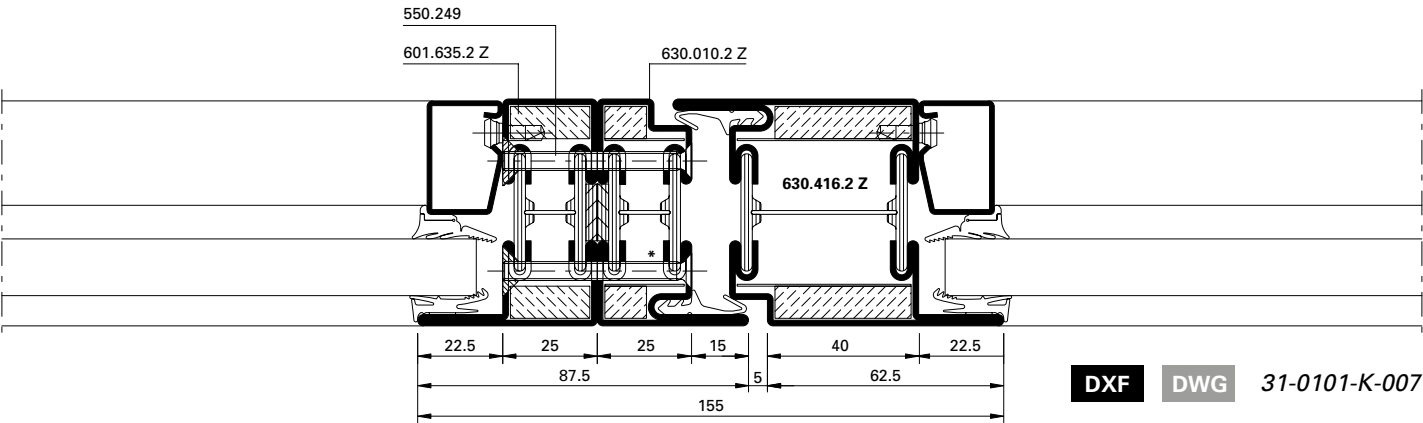
DWG

* Schrauben-Abstand $\leq$ 500 mm

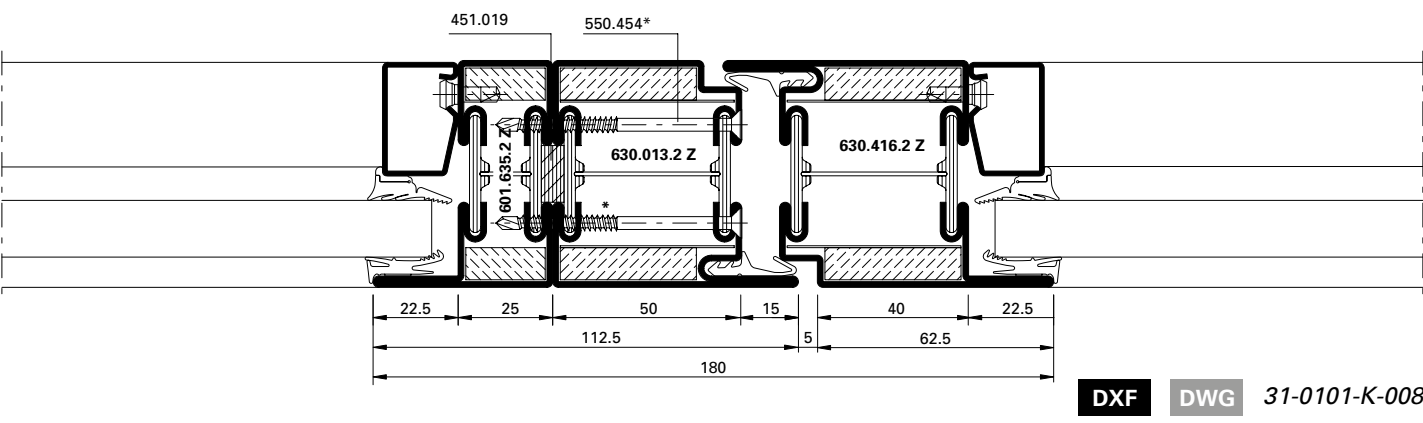
* Distance des vis $\leq$ 500 mm

* Screw distance $\leq$ 500 mm

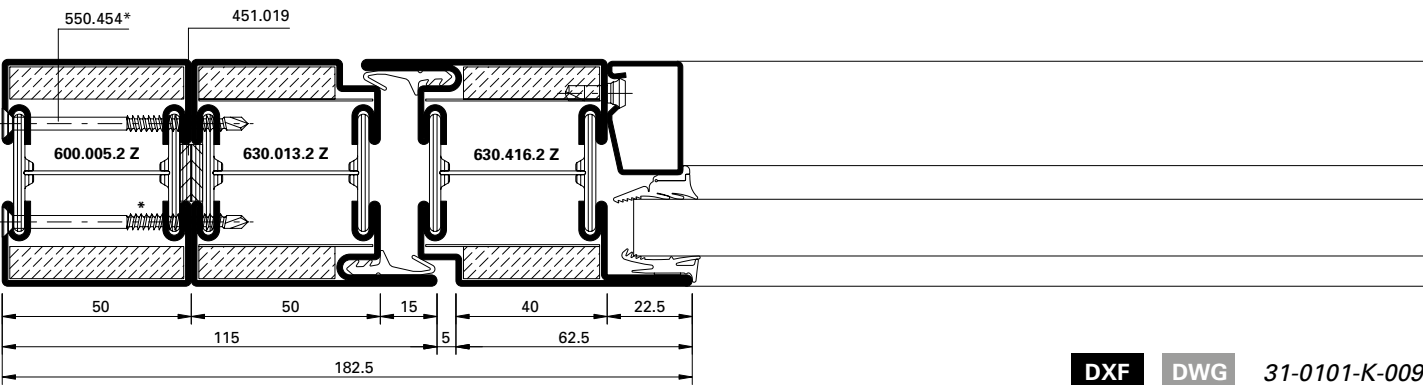
Elementstoss Türe – Festverglasung Détail jonction porte – vitrage fixe Junction detail door – fixed glazing



Elementstoss Türe – Festverglasung Détail jonction porte – vitrage fixe Junction detail door – fixed glazing



Detail Türrahmen-Verbreiterung Détail élargissement du cadre de la porte Detail of enlargement of door frame

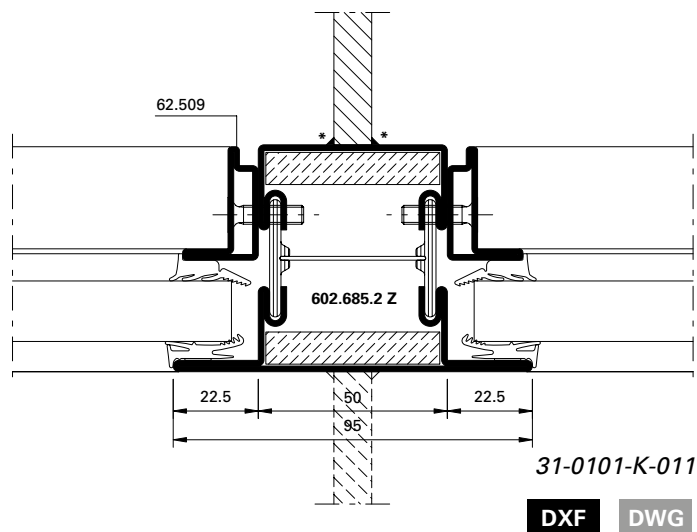
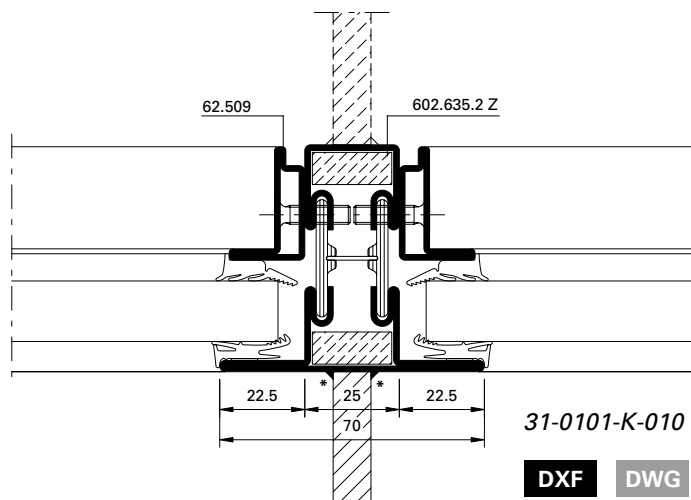


* Schrauben-Abstand ≤ 500 mm * Distance des vis ≤ 500 mm * Screw distance ≤ 500 mm

Statische Verstärkungen

Renforts statiques

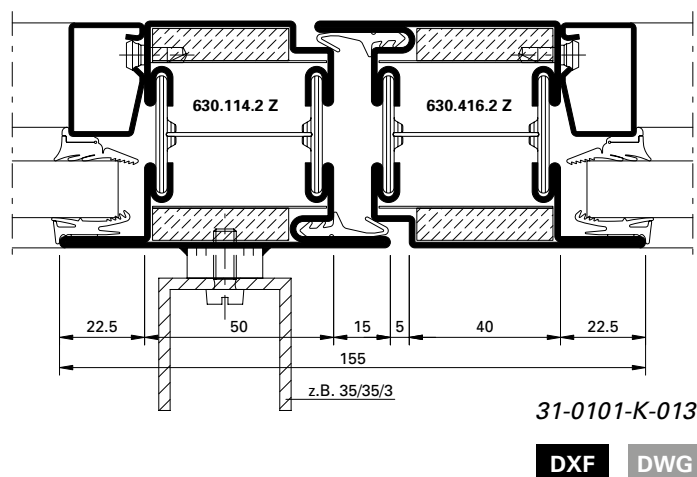
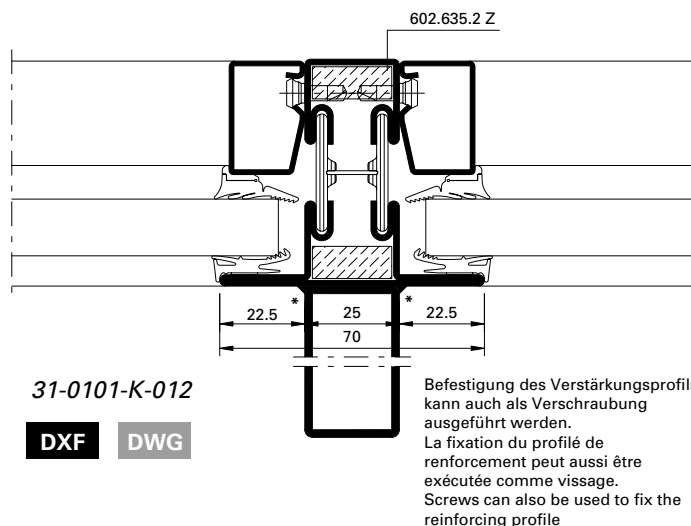
Static reinforcements



Statische Verstärkungen

Renforts statiques

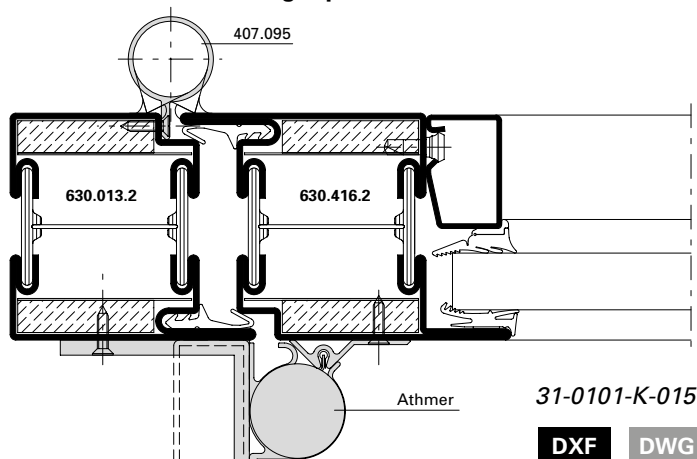
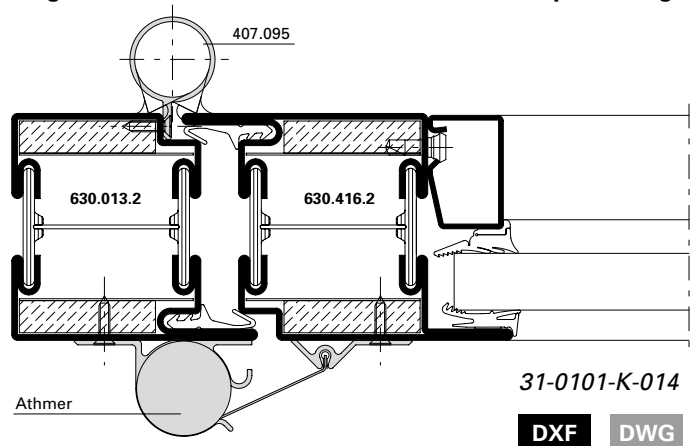
Static reinforcements



Fingerschutz

Anti-pince doigts

Finger protection



* wahlweise örtliche Schweißung oder durchgehende Laserschweißung

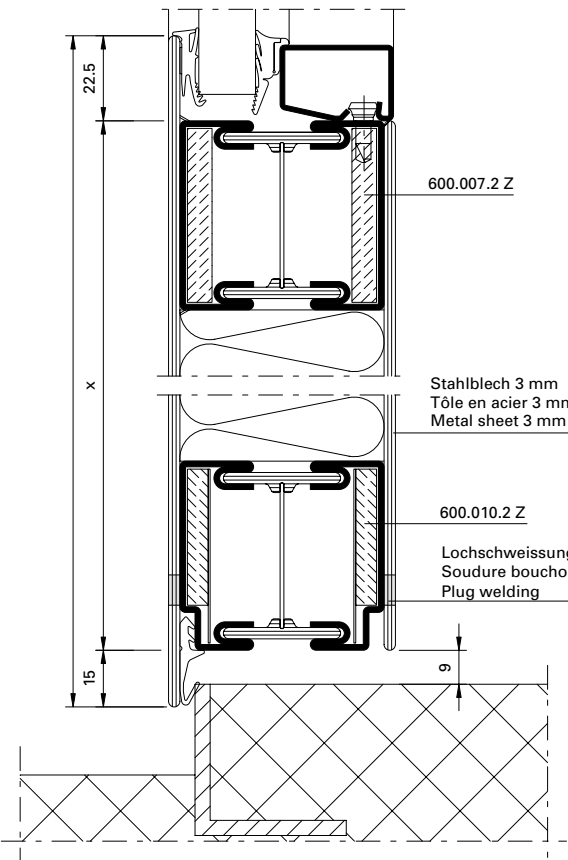
* Au choix, soudage local à la place ou soudage au laser en continu

* Optionally, local weld or continuous laser welding

Detail Sockelausbildungen

Détails socles

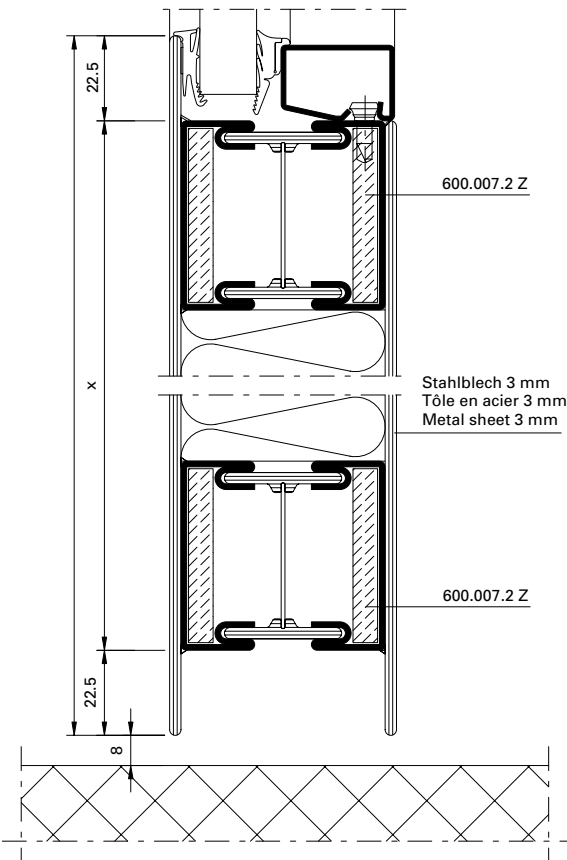
Details of base rail



31-0101-K-016

DWG

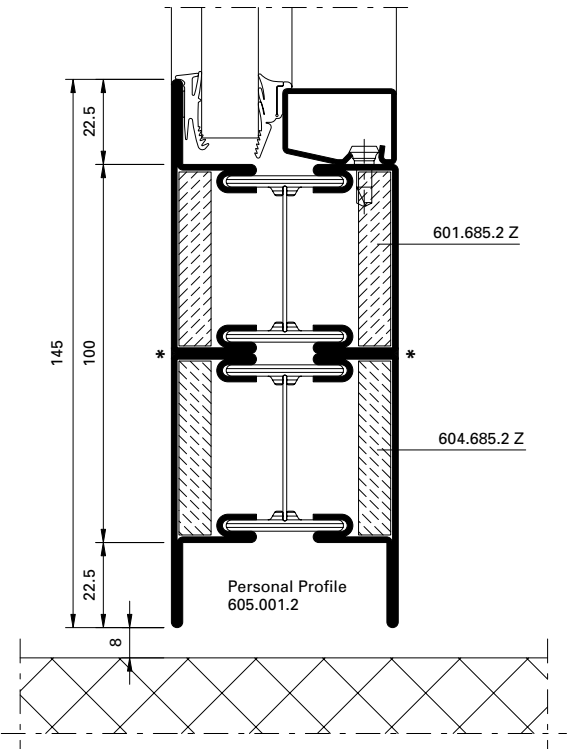
DXF



31-0101-K-017

DWG

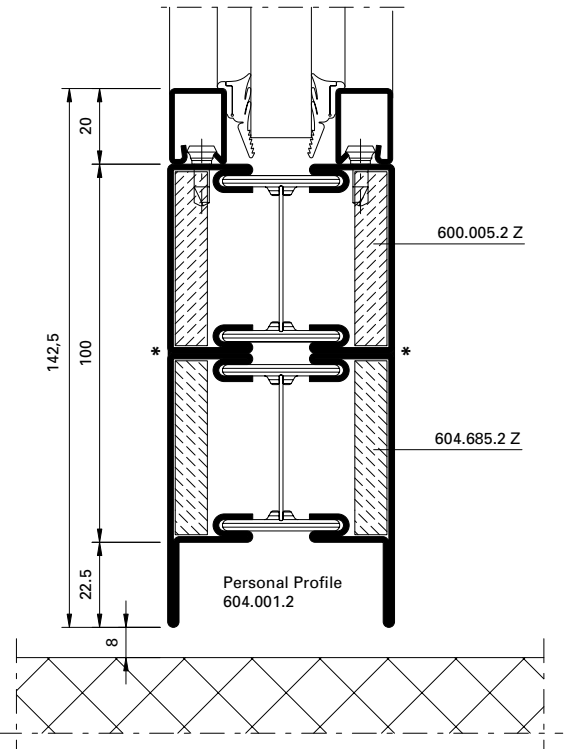
DXF



31-0101-K-018

DWG

DXF



31-0101-K-019

DWG

DXF

* Durchgehende Laserschweissung

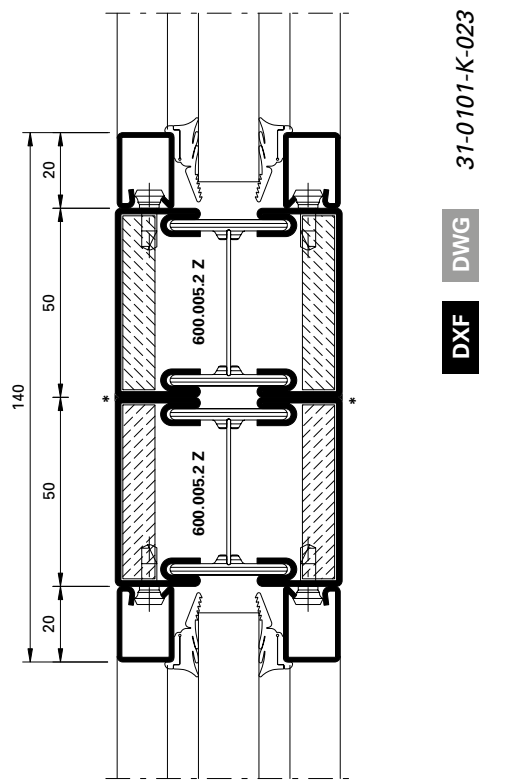
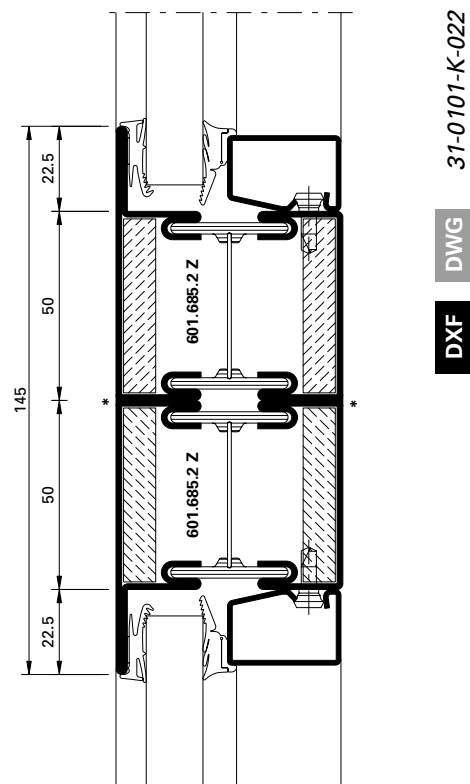
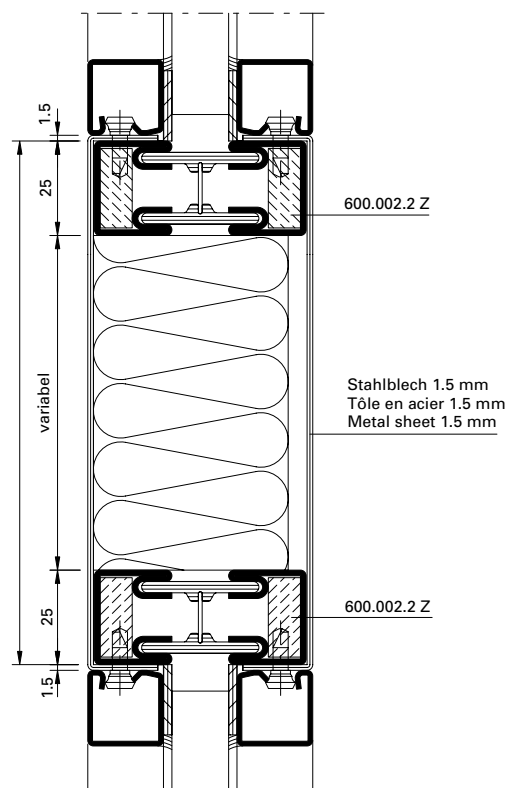
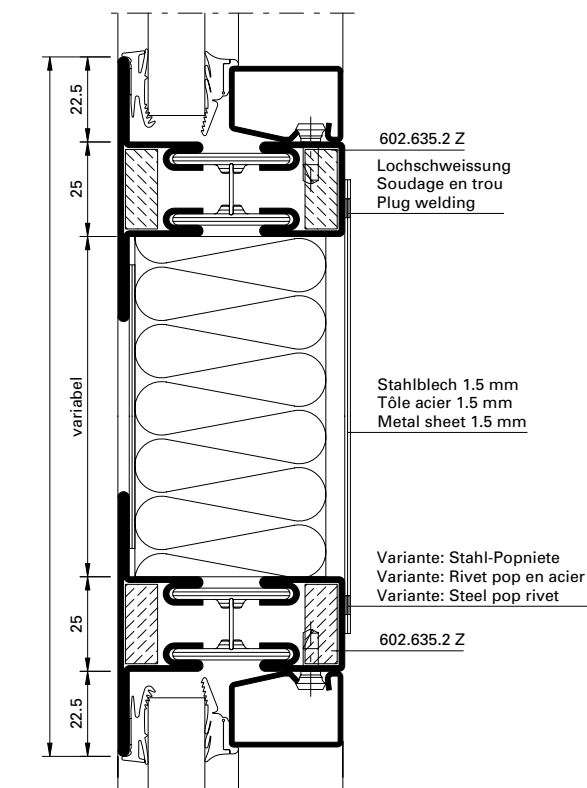
* Soudage au laser en continu

* Continuous laser welding

Detail Riegel- und Kämpferausbildung

Détails traverses et dormants

Details of transom and abutment construction



* Durchgehende Laserschweissung

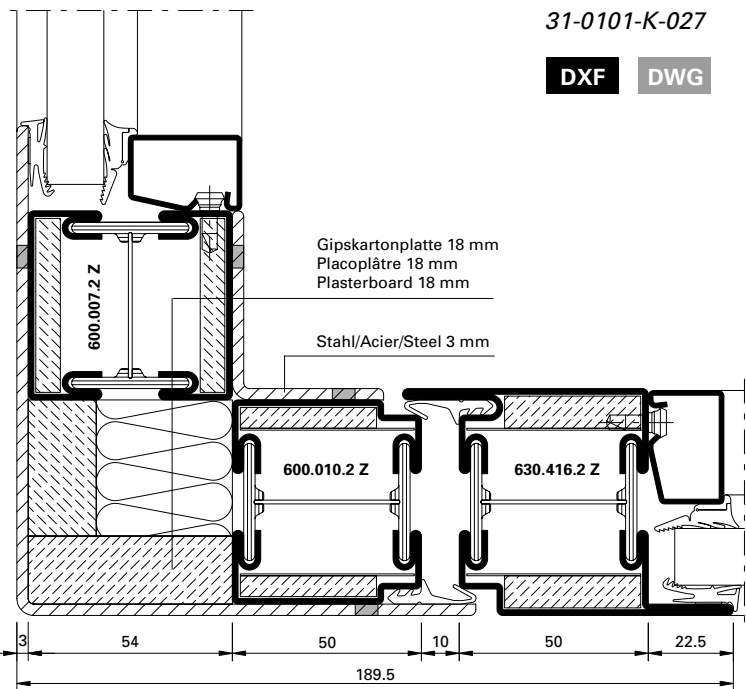
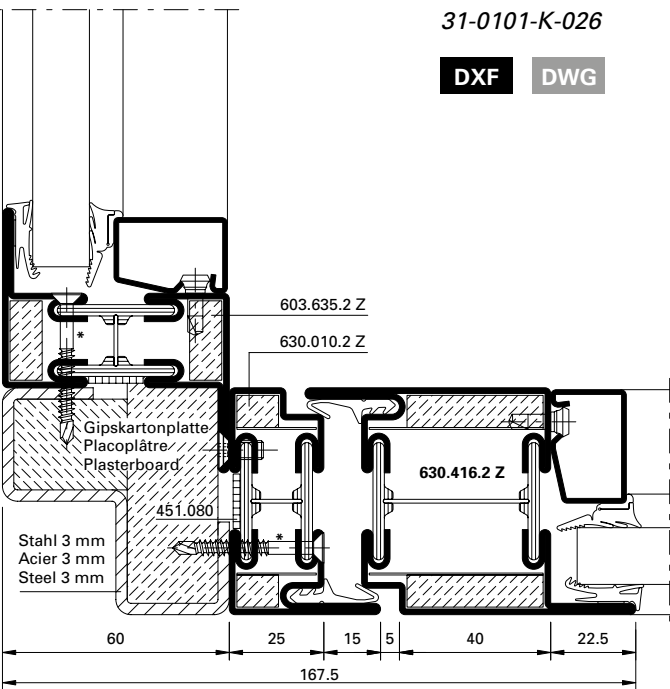
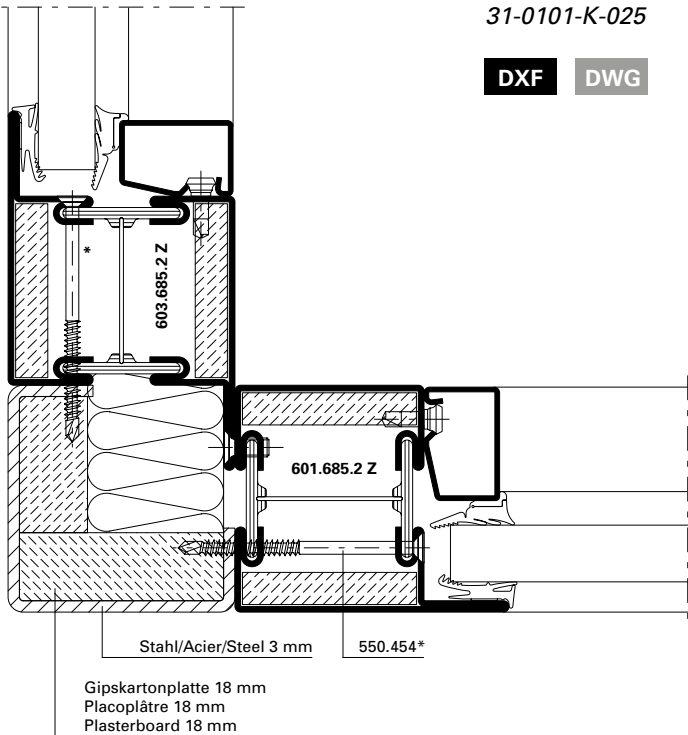
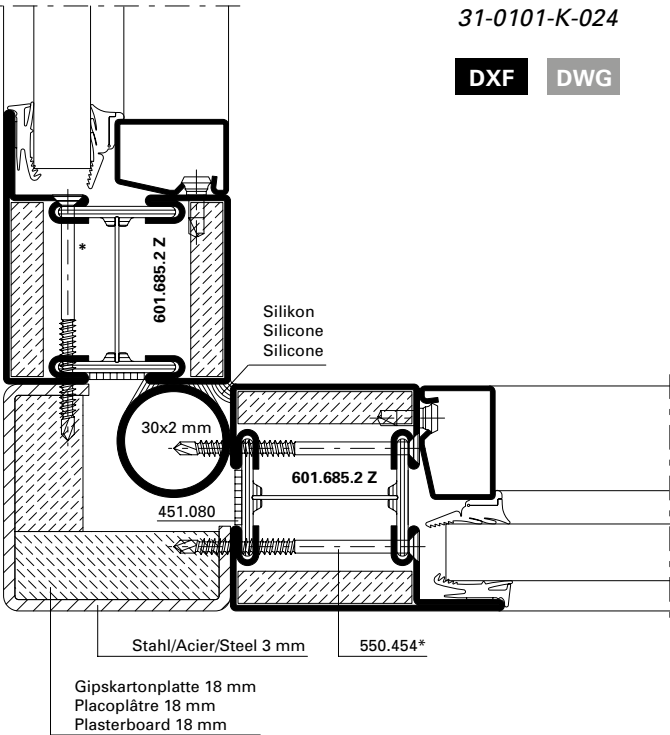
* Soudage au laser en continu

* Continuous laser welding

Eckausbildung 90°

Formation d'angle 90°

90° corner construction



* Schrauben-Abstand ≤ 300 mm

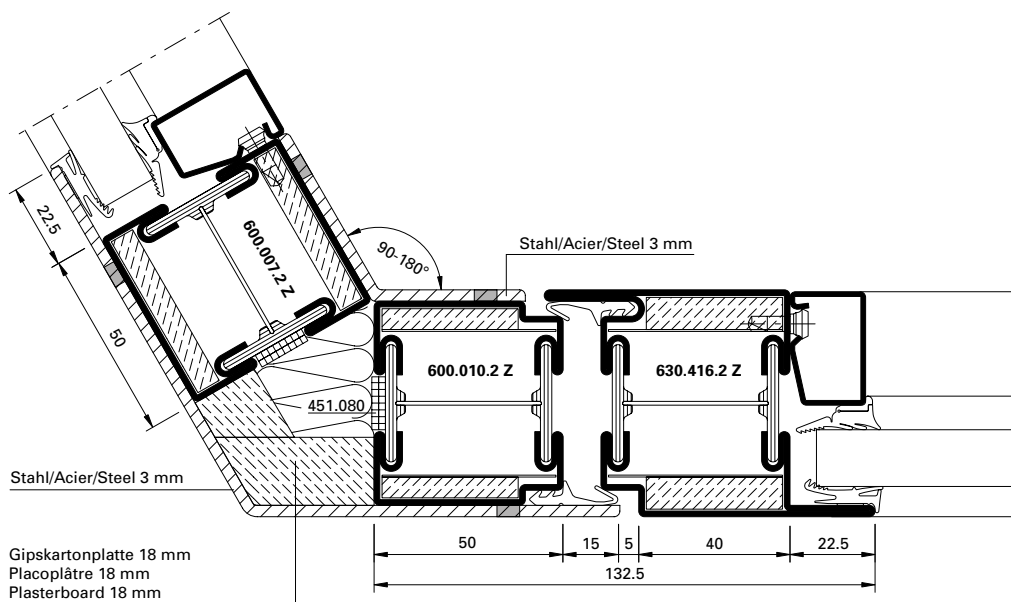
* Distance des vis ≤ 300 mm

* Screw distance ≤ 300 mm

Eckausbildung variabel

Formation d'angle variable

Corner construction variable



DXF

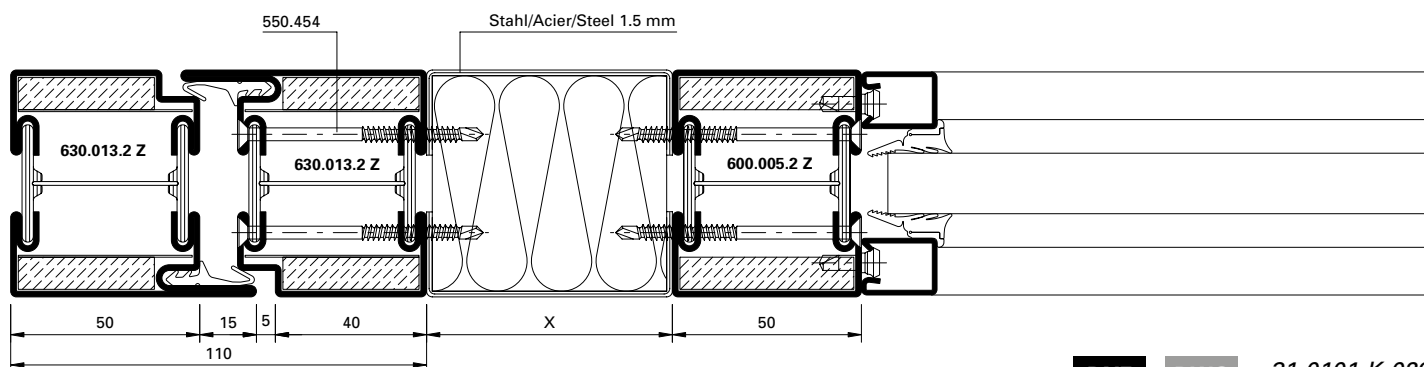
DWG

31-0101-K-028

Türflügel-Aufdoppelung

Empilage de vantaux de porte

Door-leaf under filling



DXF

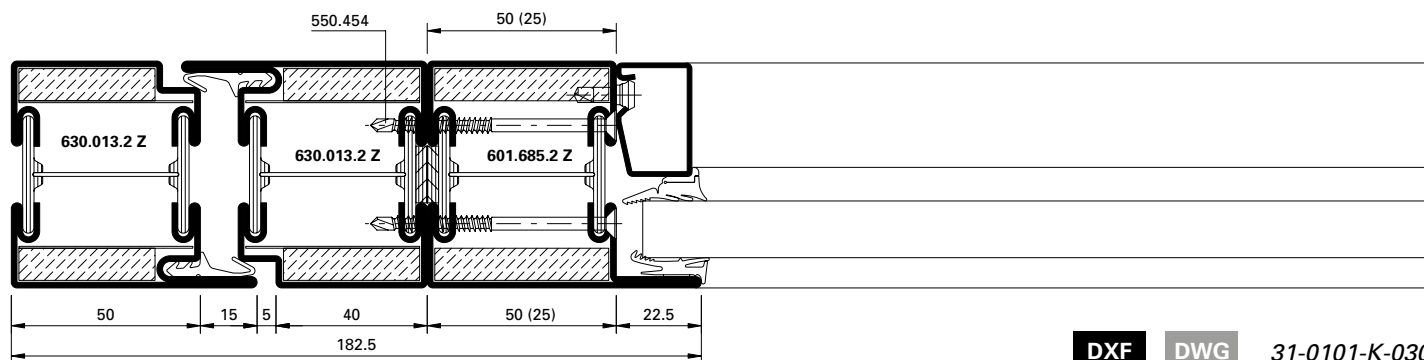
DWG

31-0101-K-029

Türflügel-Aufdoppelung

Empilage de vantaux de porte

Door-leaf under filling



DXF

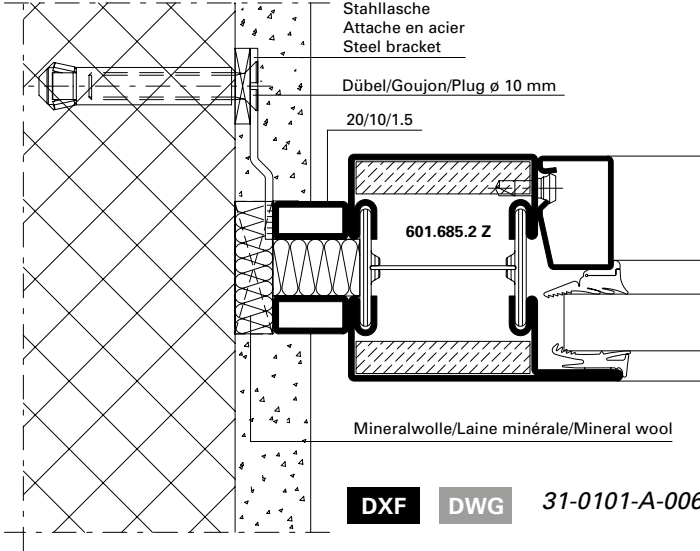
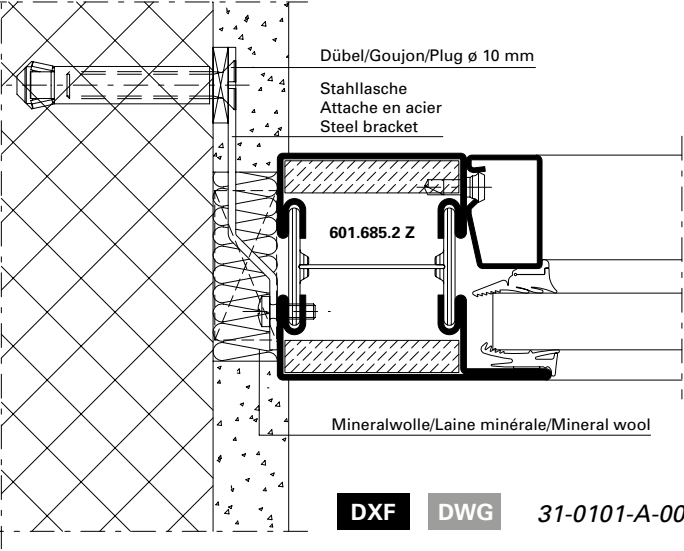
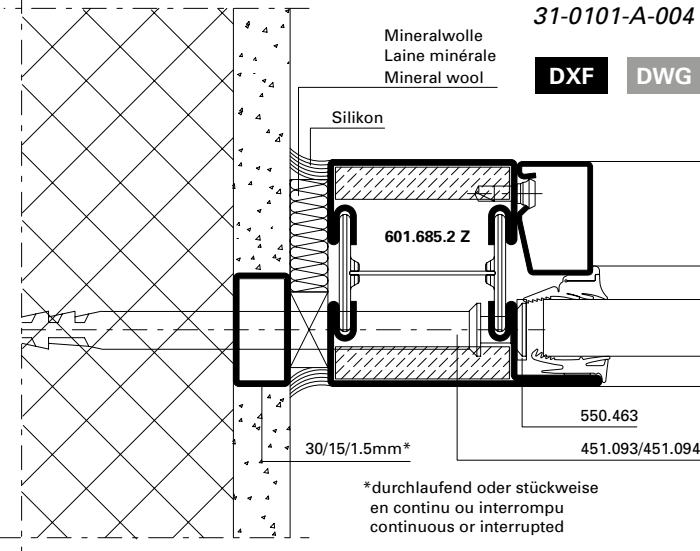
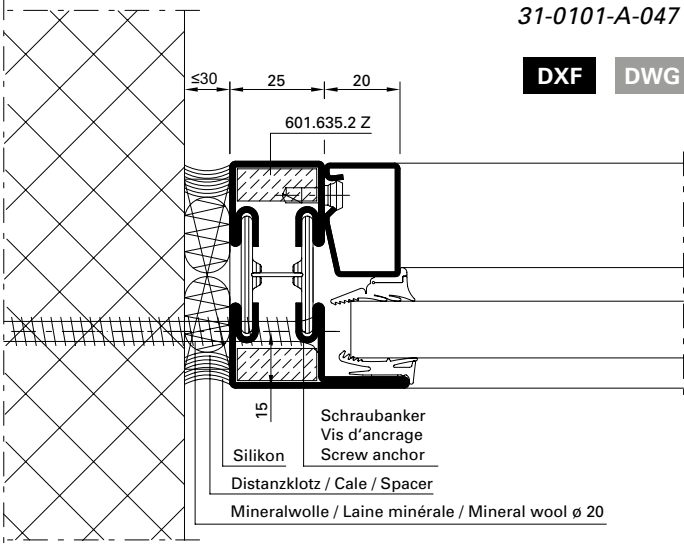
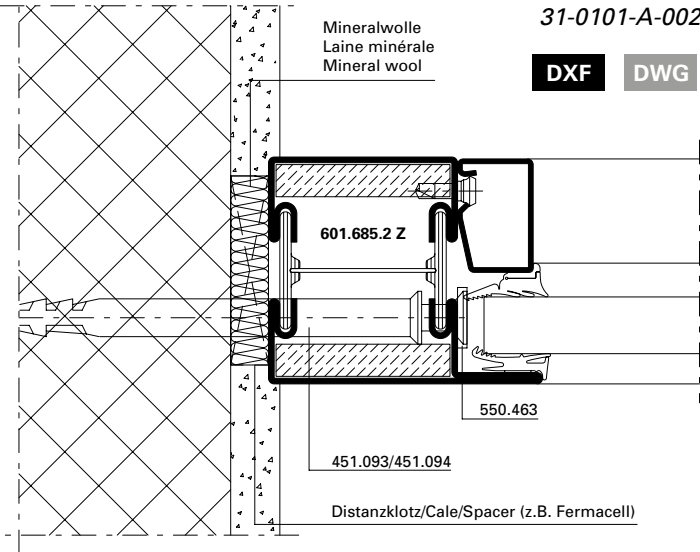
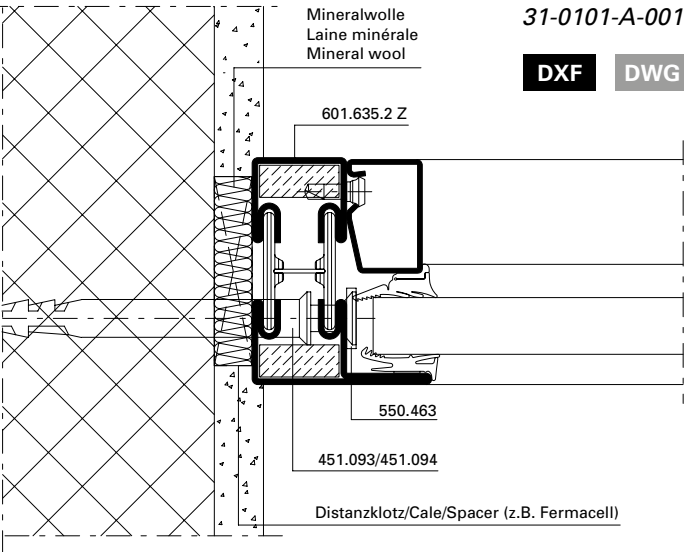
DWG

31-0101-K-030

* Schrauben-Abstand ≤ 500 mm

* Distance des vis ≤ 500 mm

* Screw distance ≤ 500 mm



Anschlüsse am Bau im Massstab 1:2

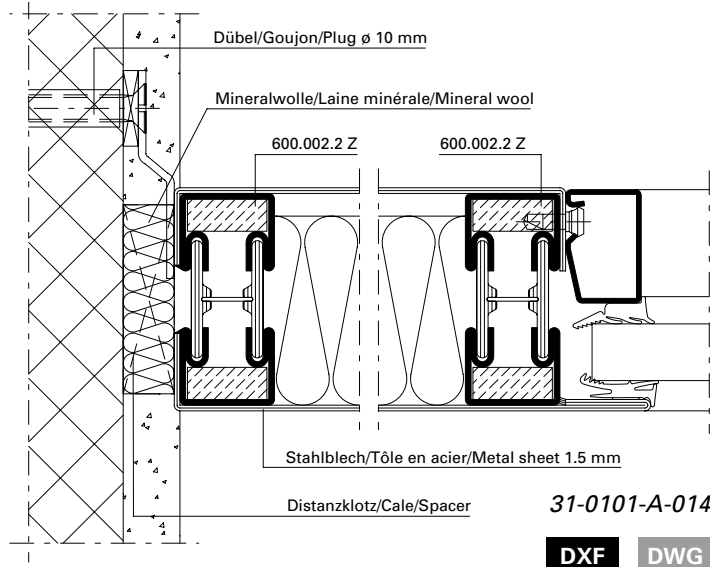
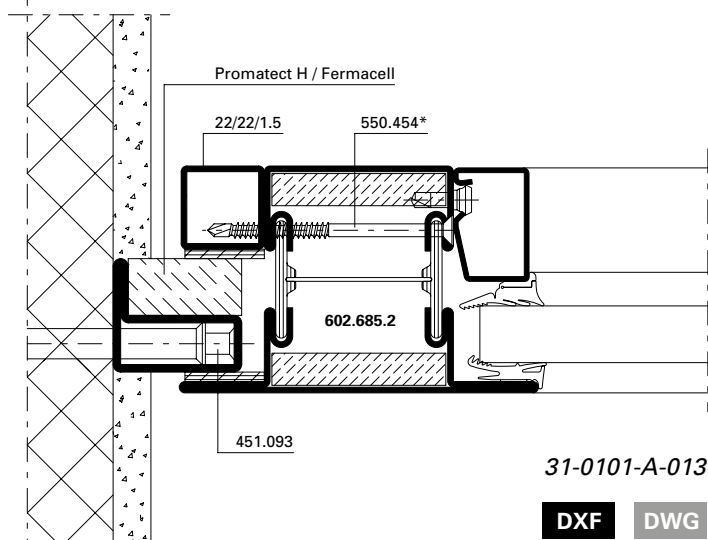
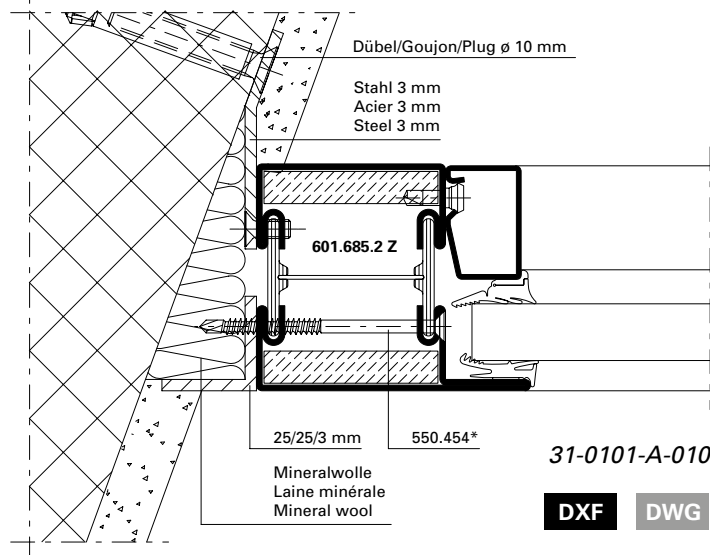
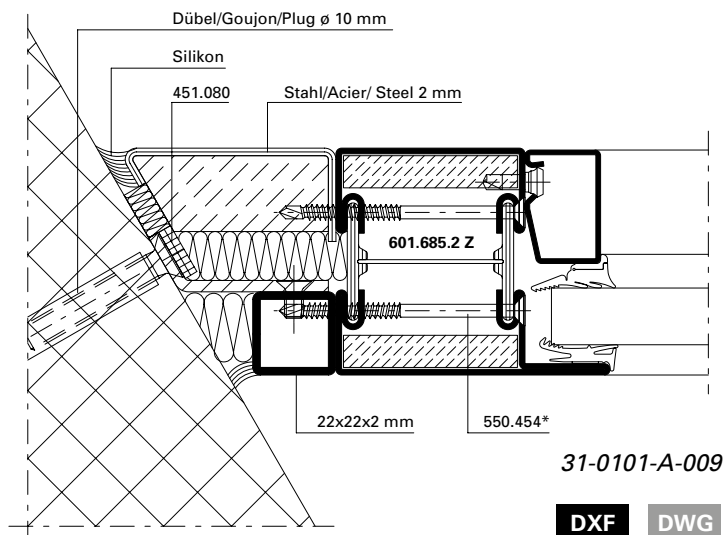
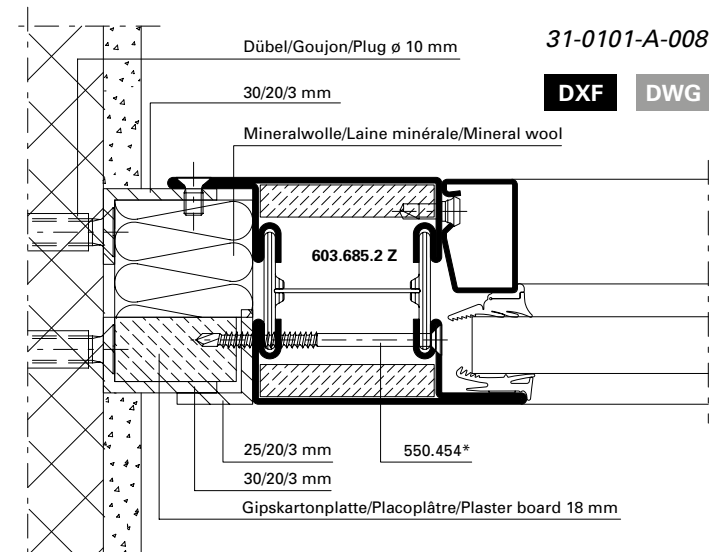
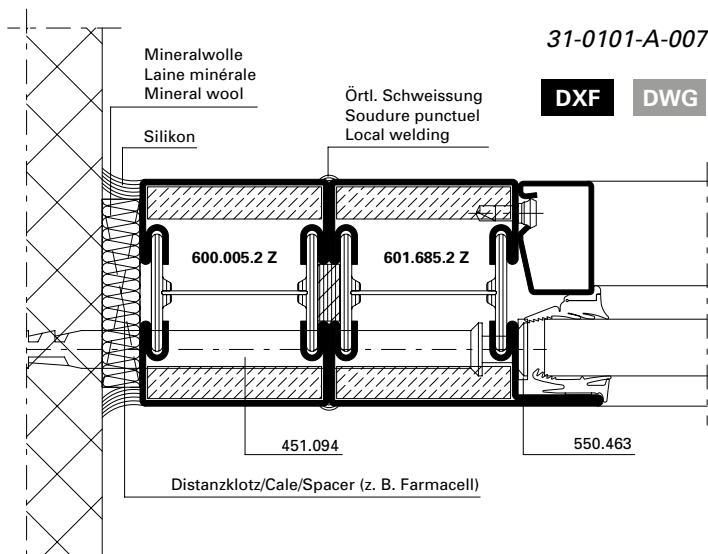
Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

Janisol 2 EI30

Janisol 2 EI30

Janisol 2 EI30



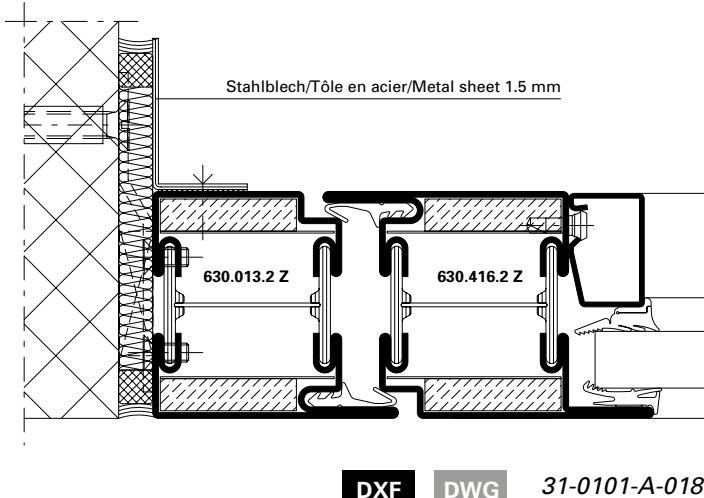
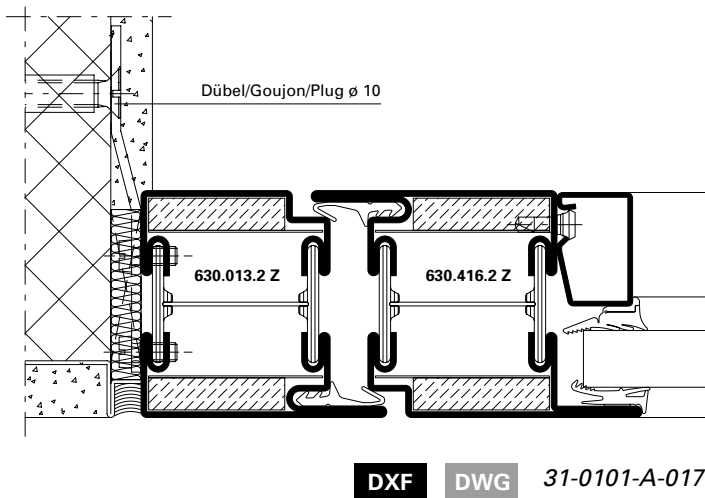
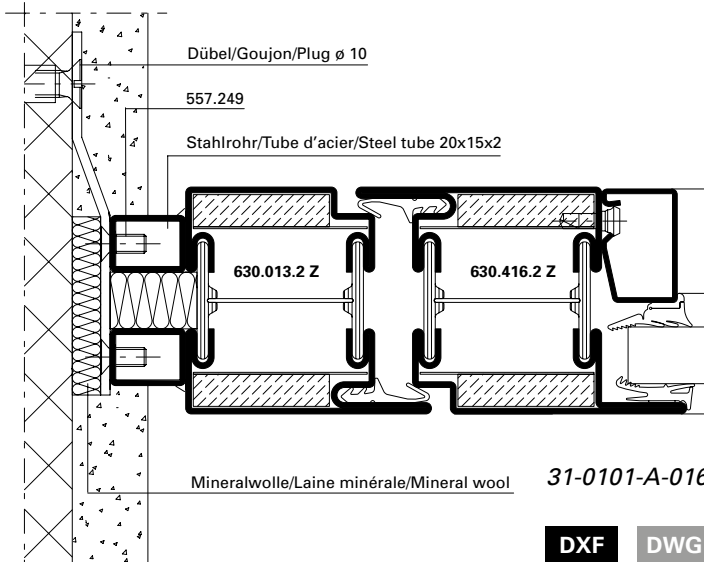
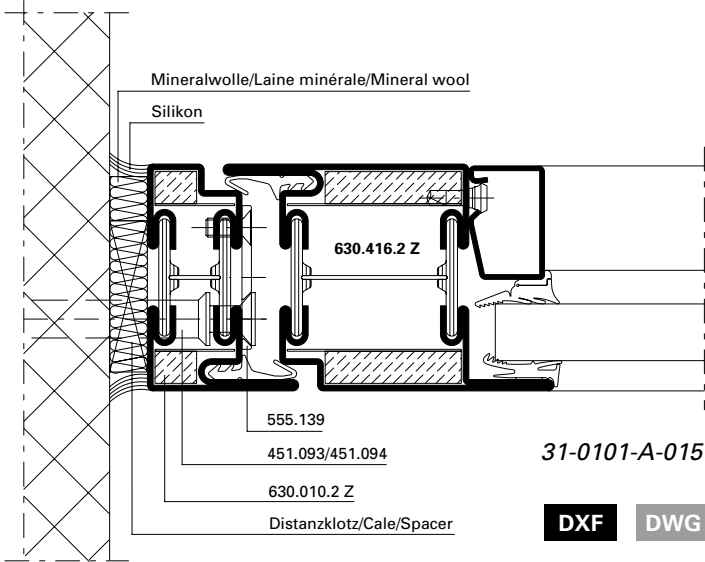
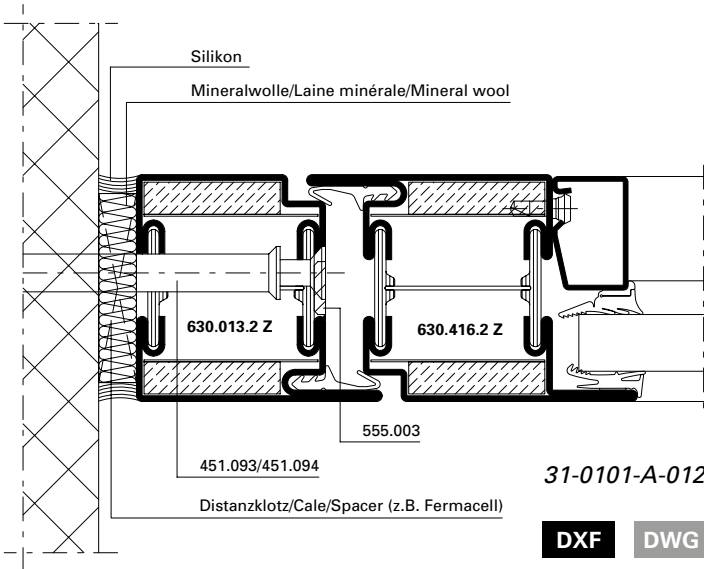
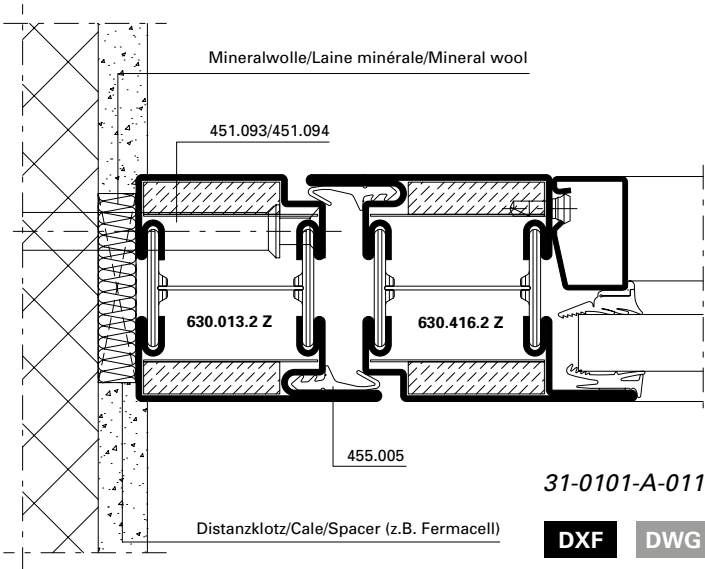
* Schrauben-Abstand ≤ 300 mm

* Distance des vis ≤ 300 mm

* Screw distance ≤ 300 mm

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

Janisol 2 EI30
Janisol 2 EI30
Janisol 2 EI30



* Schrauben-Abstand ≤ 300 mm * Distance des vis ≤ 300 mm * Screw distance ≤ 300 mm

Anschlüsse am Bau im Masstab 1:2

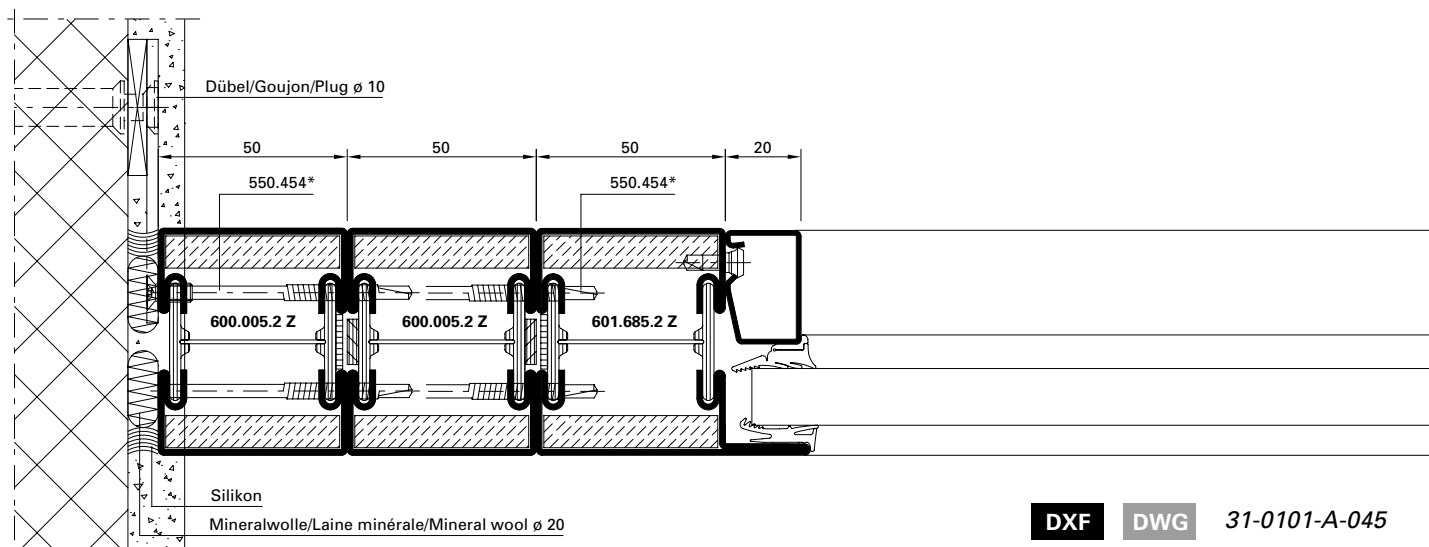
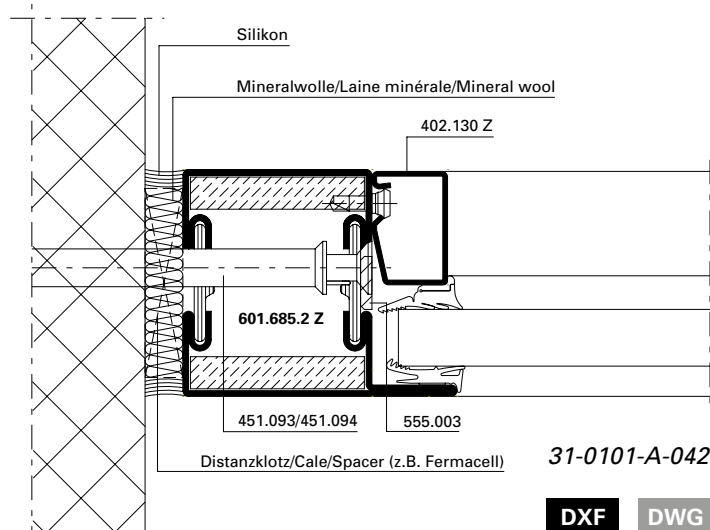
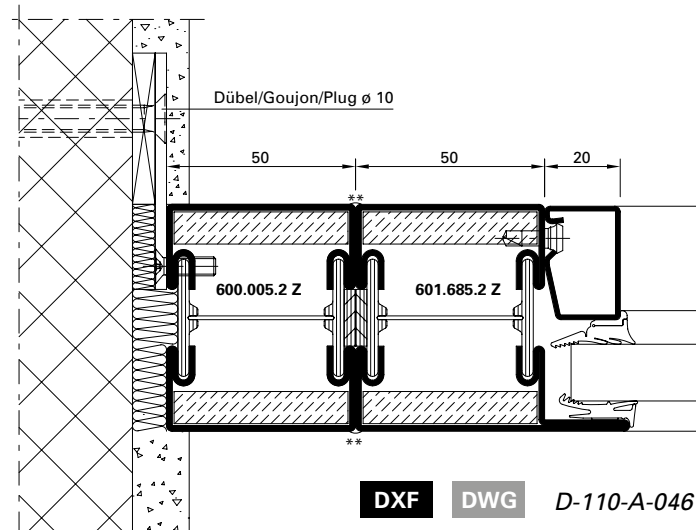
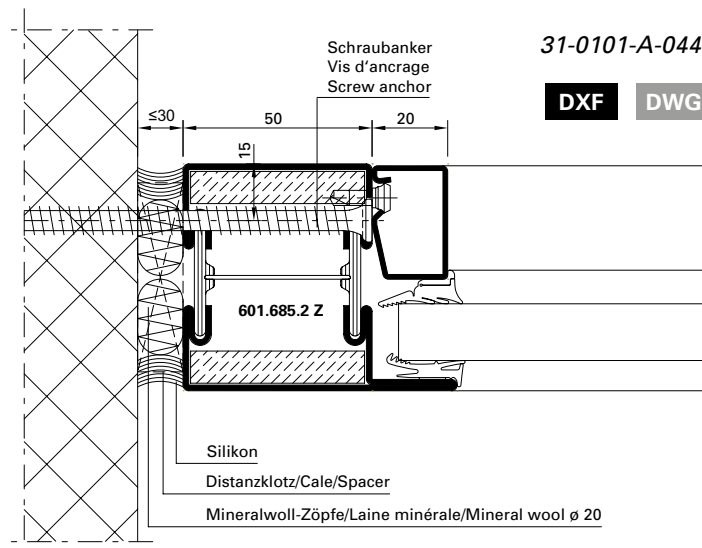
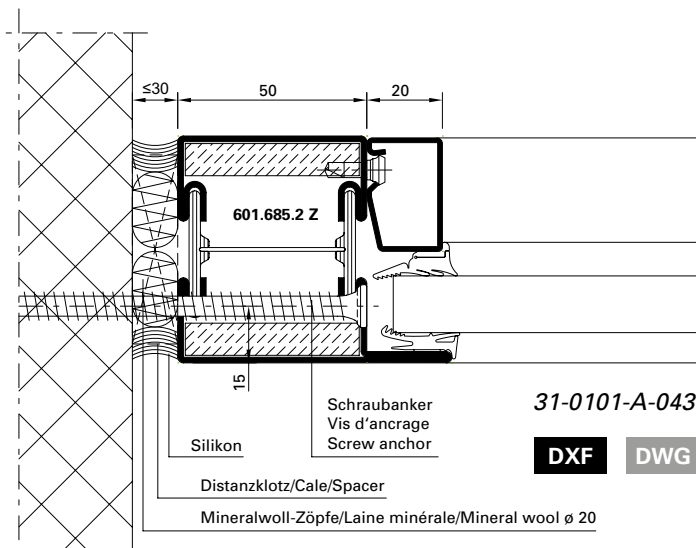
Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

Janisol 2 EI30

Janisol 2 EI30

Janisol 2 EI30



* Schrauben-Abstand ≤ 300 mm

* Distance des vis ≤ 300 mm

* Screw distance ≤ 300 mm

** Durchgehende Laserschweißung

** Soudage au laser en continu

** Continuous laser welding

Anschlüsse am Bau im Massstab 1:2

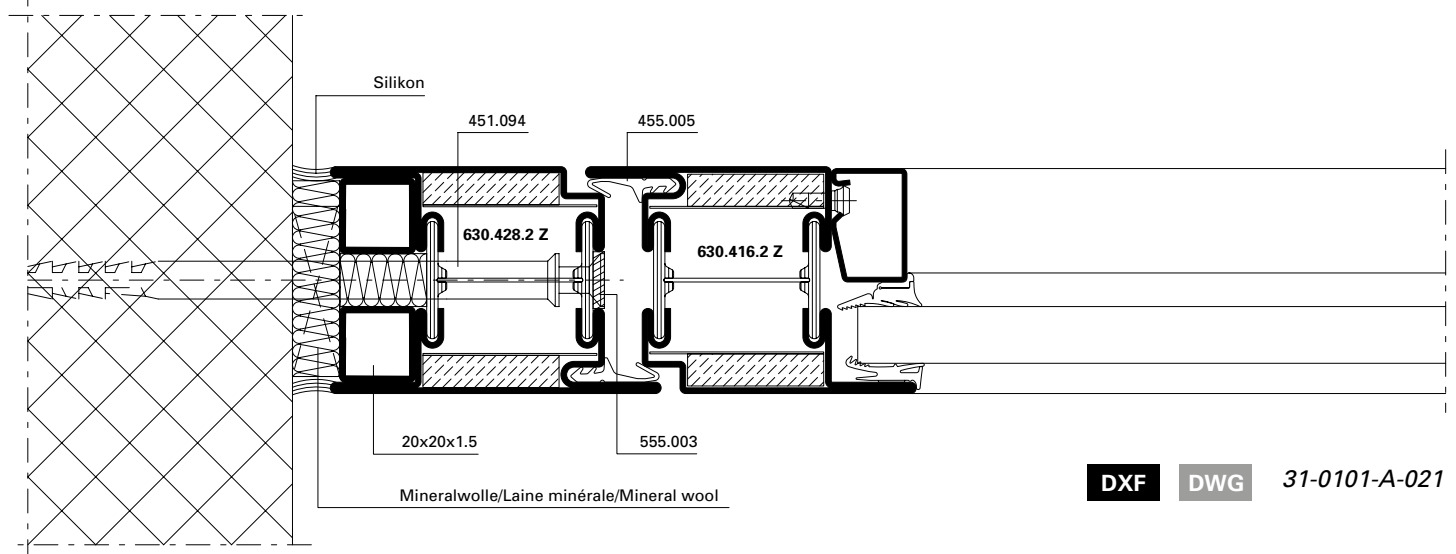
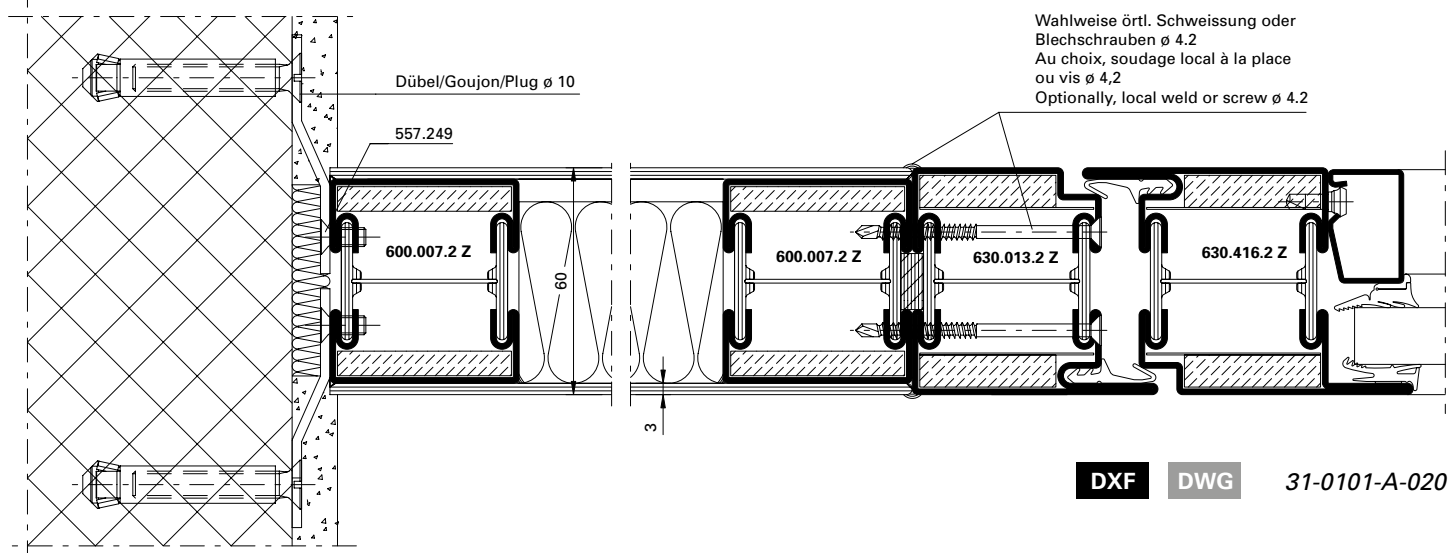
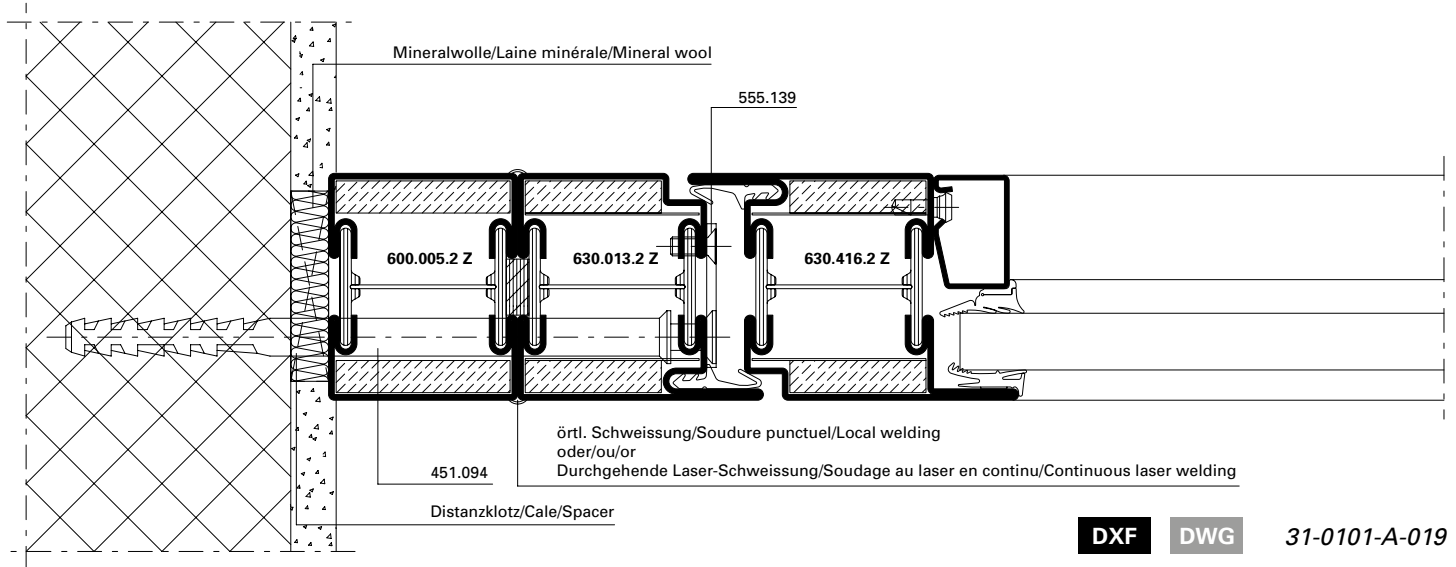
Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

Janisol 2 EI30

Janisol 2 EI30

Janisol 2 EI30



Anschlüsse am Bau im Masstab 1:2

Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

Janisol 2 EI30

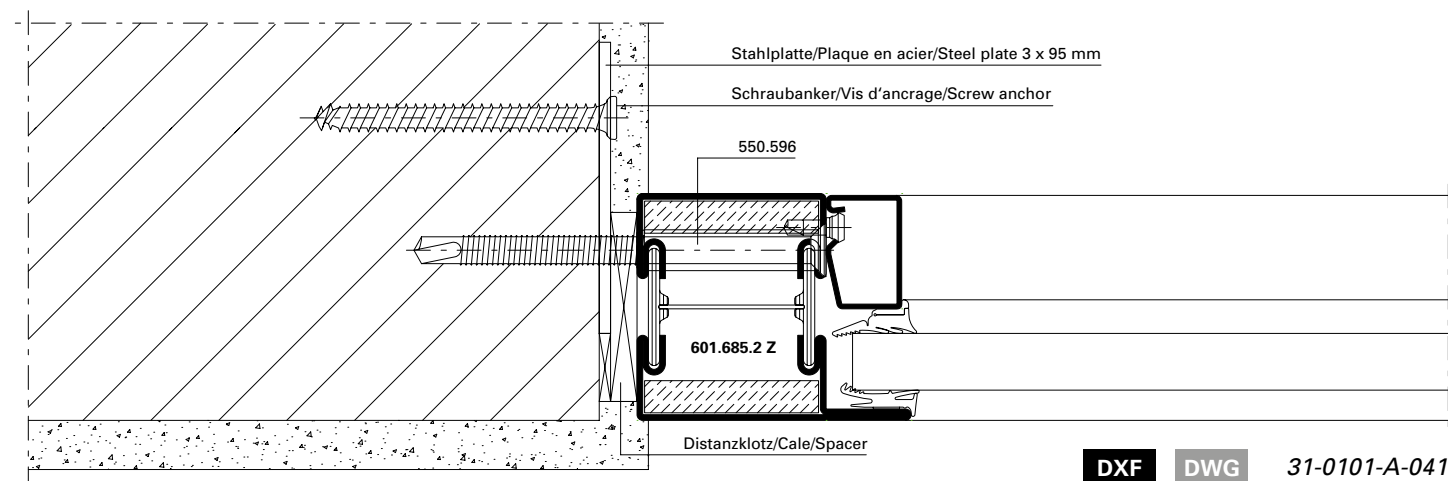
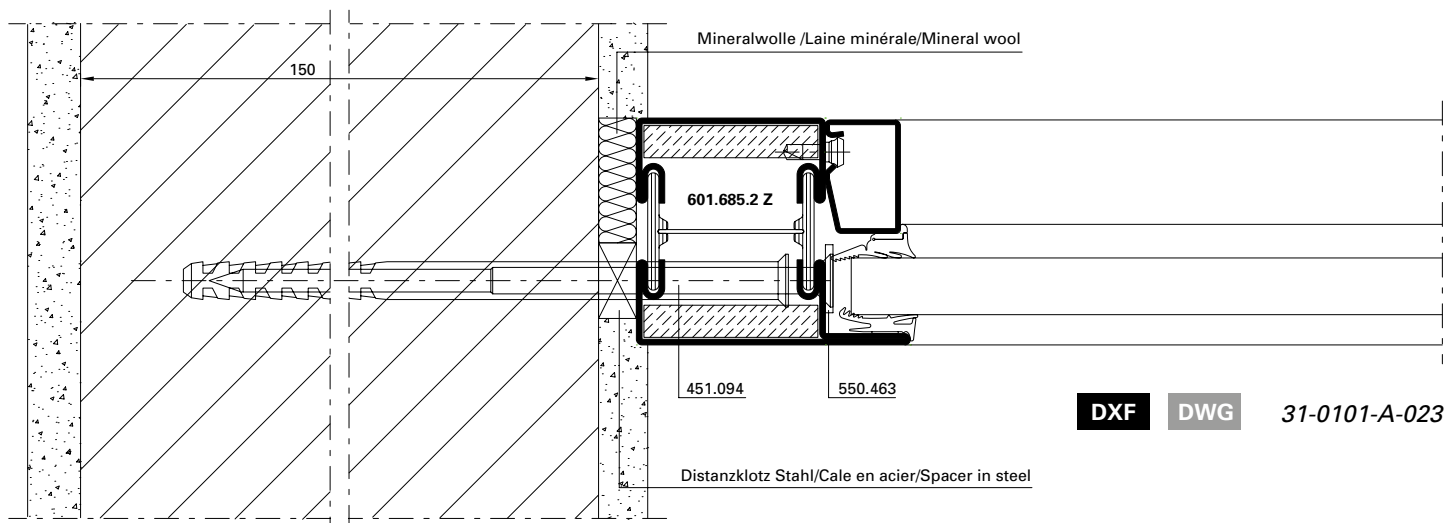
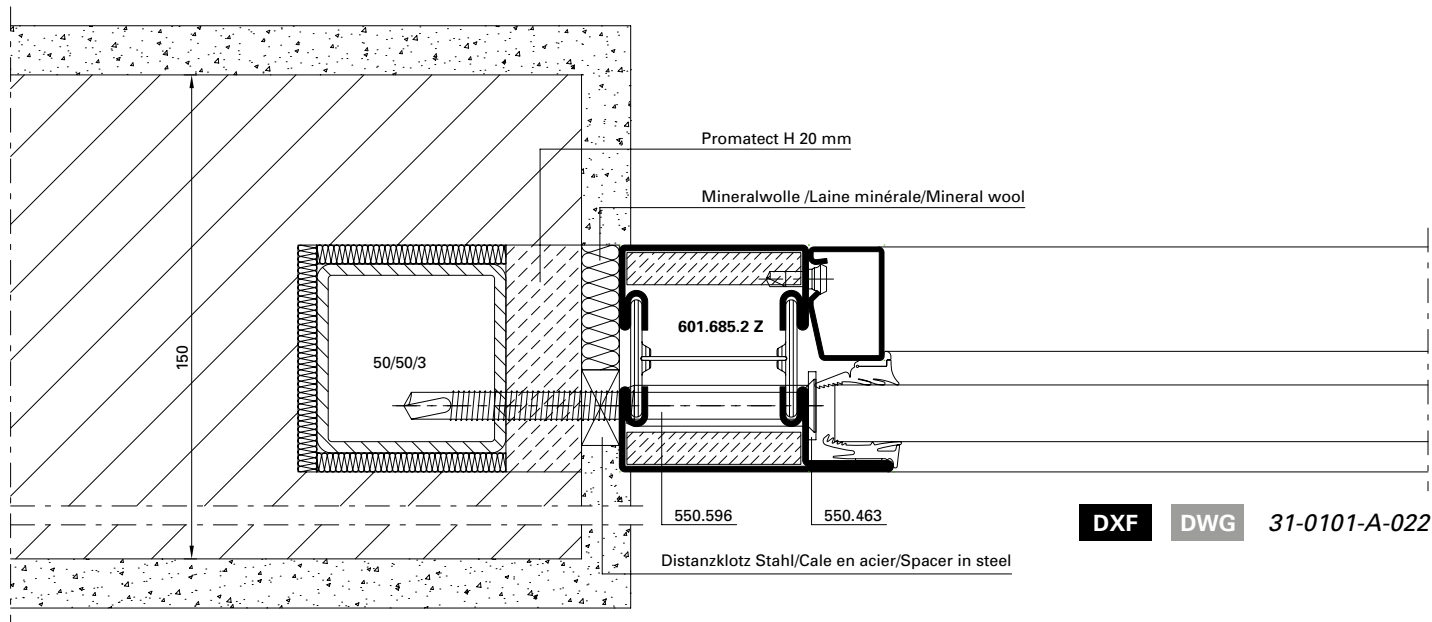
Janisol 2 EI30

Janisol 2 EI30

Porenbeton
(z.B. Ytong, Siporex, Hebel etc.)

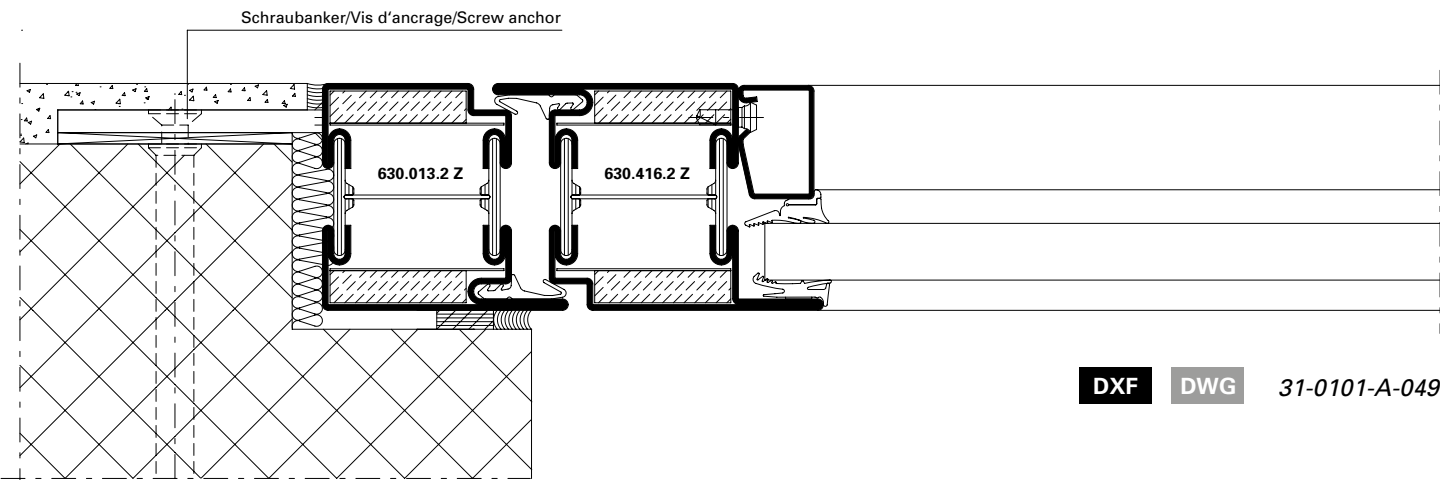
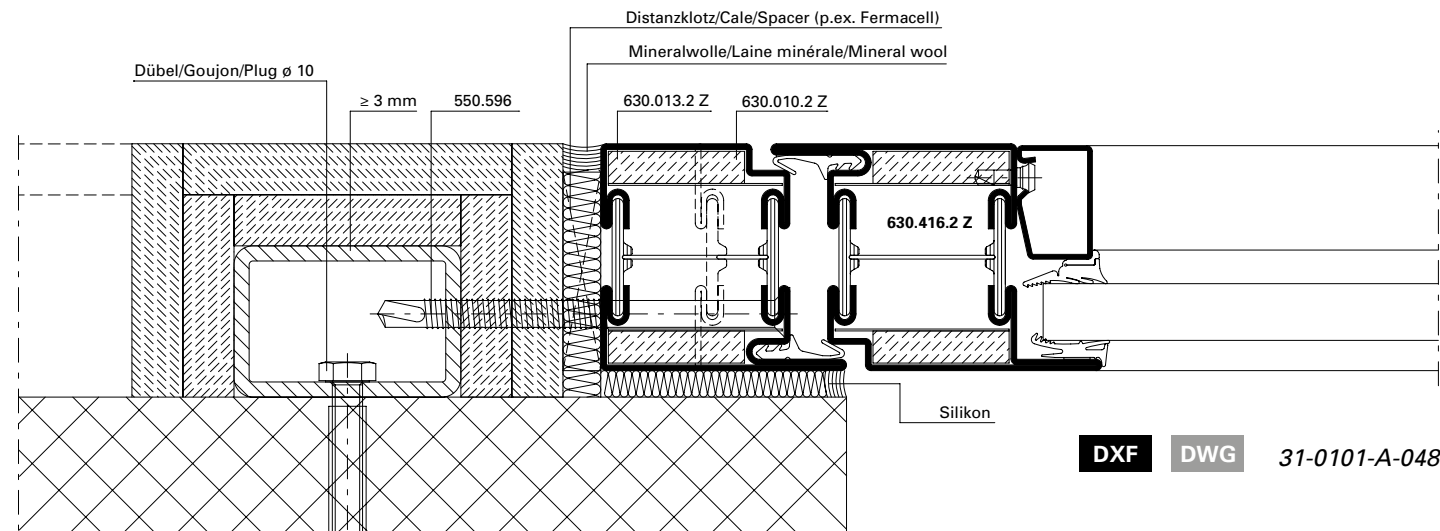
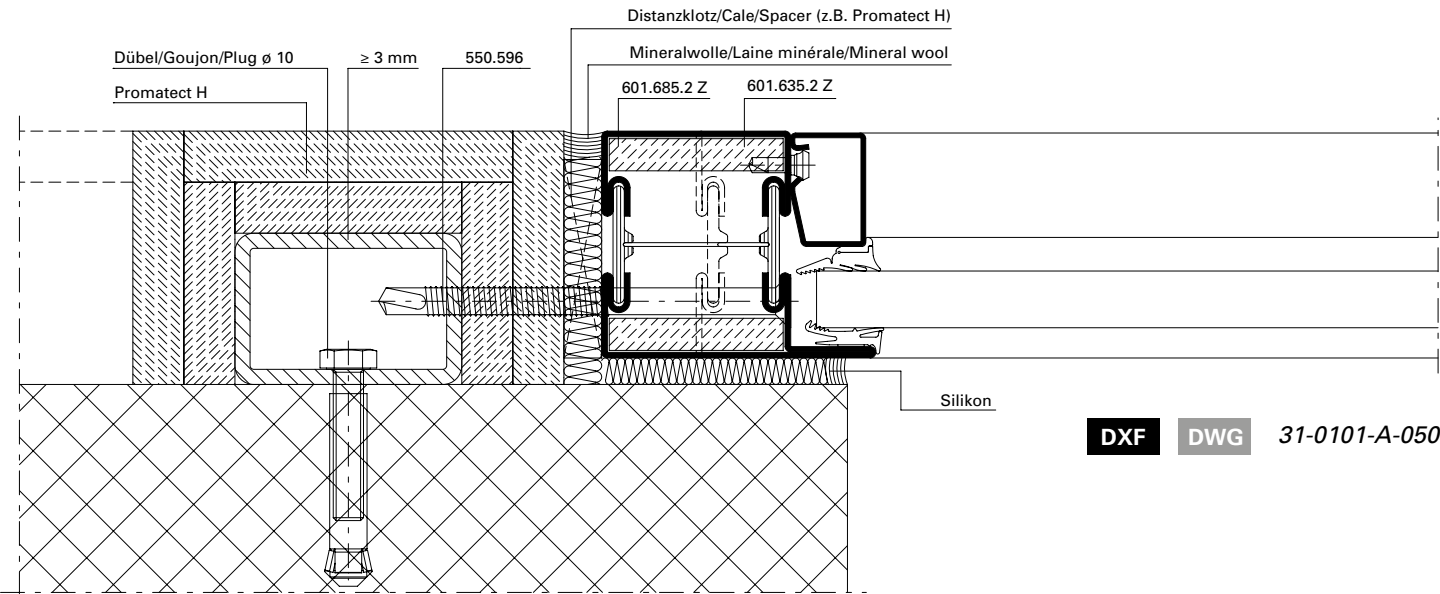
Béton cellulaire
(par ex. Ytong, Siporex, Hebel etc.)

Aerated concrete
(e.g. Ytong, Siporex, Hebel etc.)



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

Janisol 2 EI30
Janisol 2 EI30
Janisol 2 EI30



Anschlüsse am Bau im Masstab 1:2

Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

Janisol 2 EI30

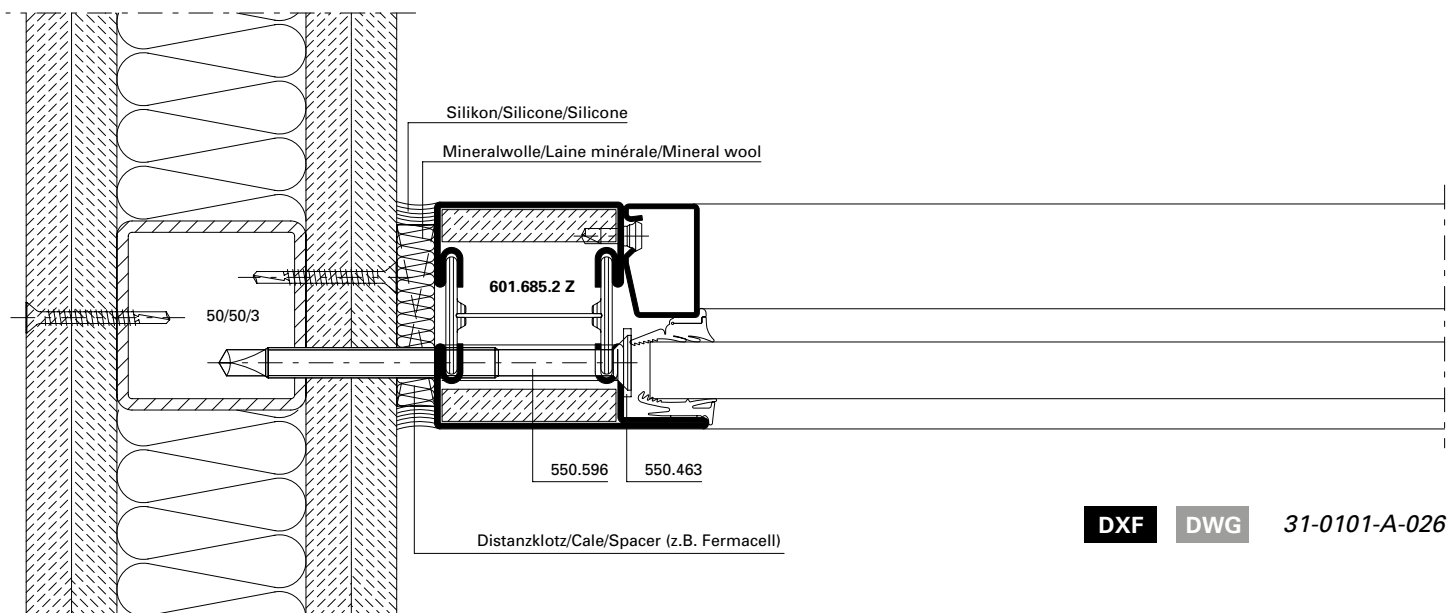
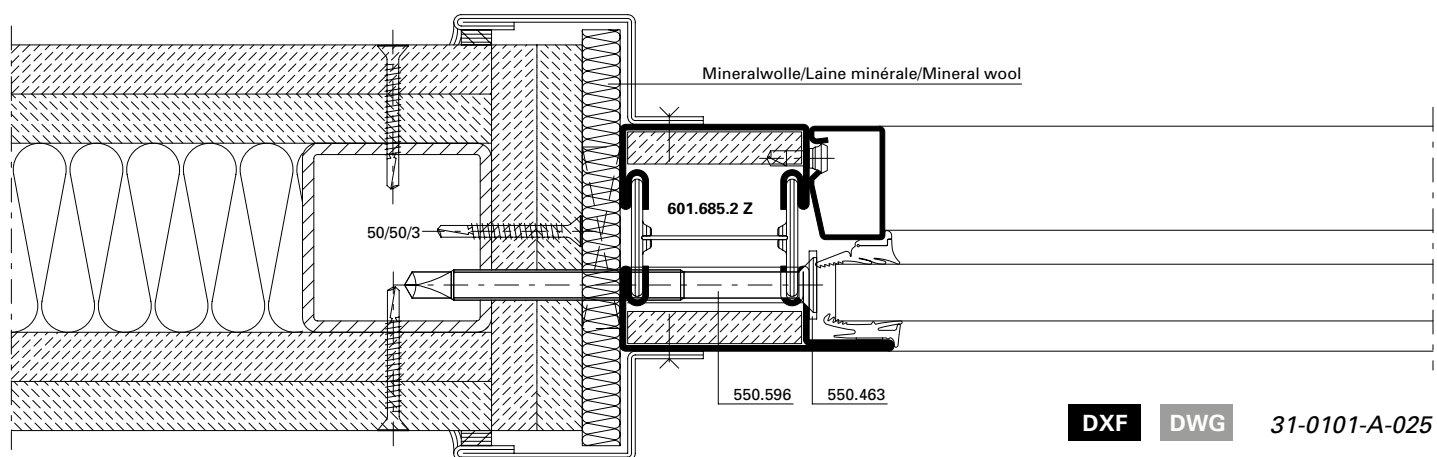
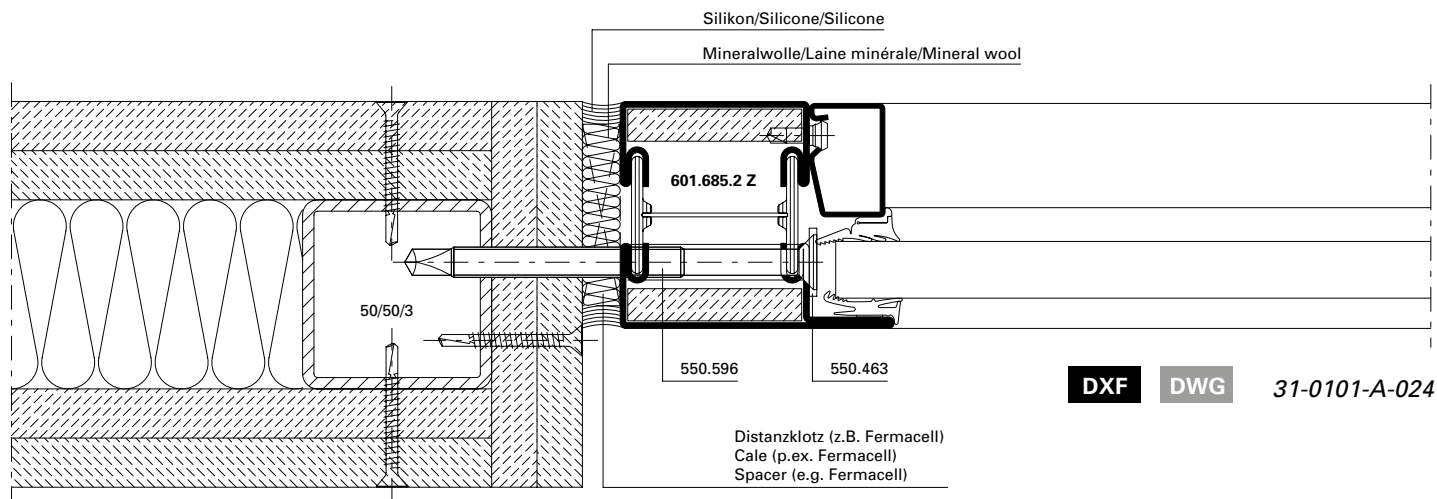
Janisol 2 EI30

Janisol 2 EI30

Montagewand $\geq$ F30
(z.B. Gipskarton-Bauplatten etc.)

Paroi préfabriquée $\geq$ F30
(par ex. placoplâtre etc.)

Prefabricated wall $\geq$ F30
(e.g. plasterboard slabs etc.)



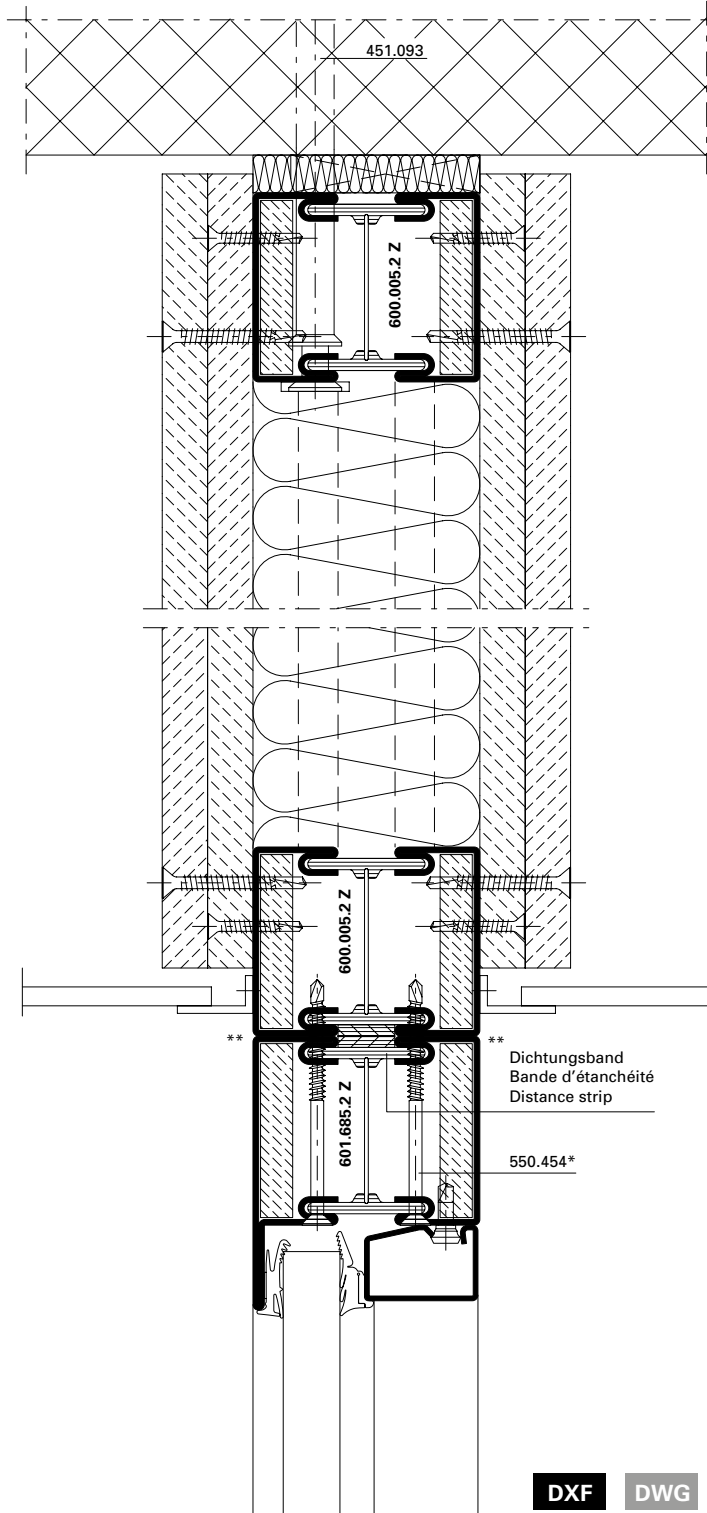
Anschlüsse am Bau im Massstab 1:2
Raccords au mur à l'échelle 1:2
Attachment to structure on scale 1:2

Janisol 2 EI30
Janisol 2 EI30
Janisol 2 EI30

Sturzausbildung im Zwischendecken-Bereich

Formation du linteau dans la zone du faux-plancher

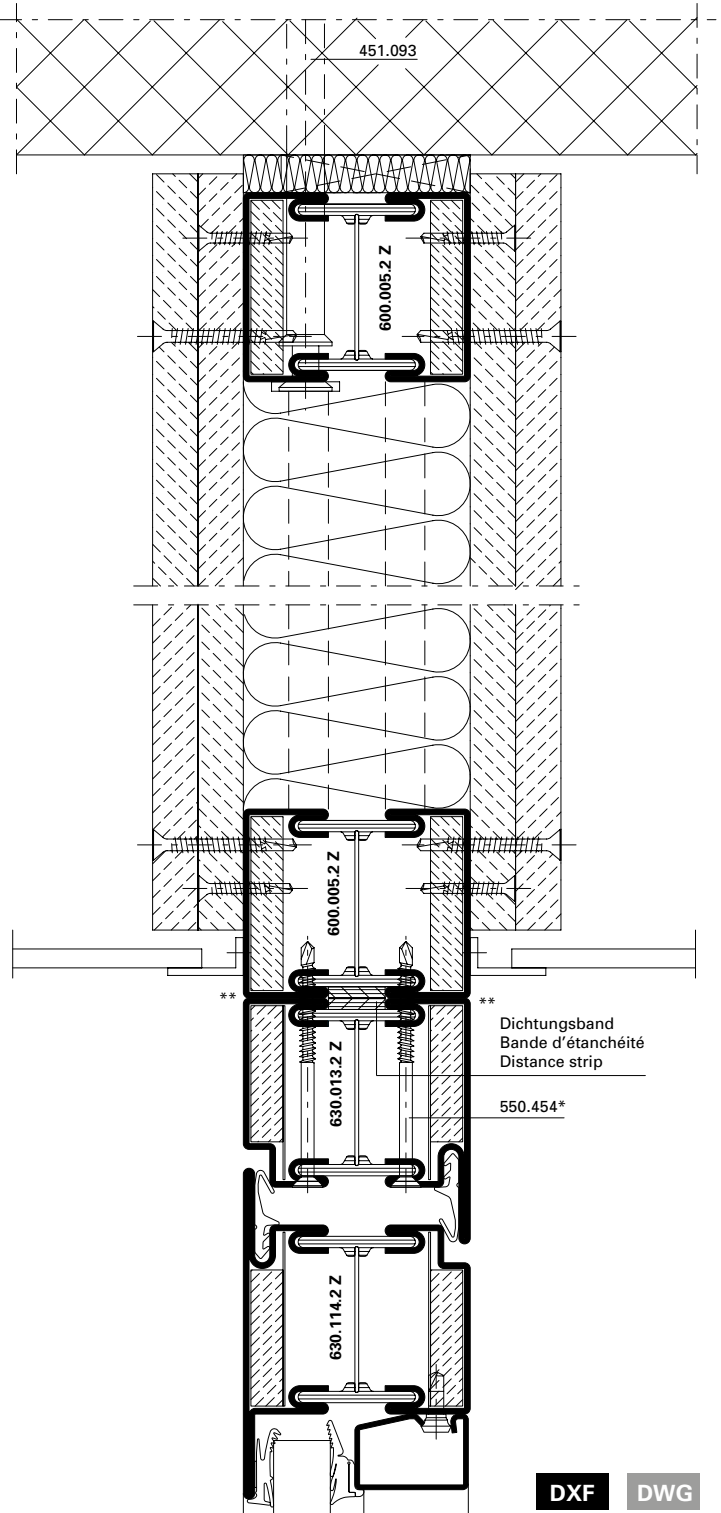
Lintel construction in intermediate ceiling



31-0101-A-027

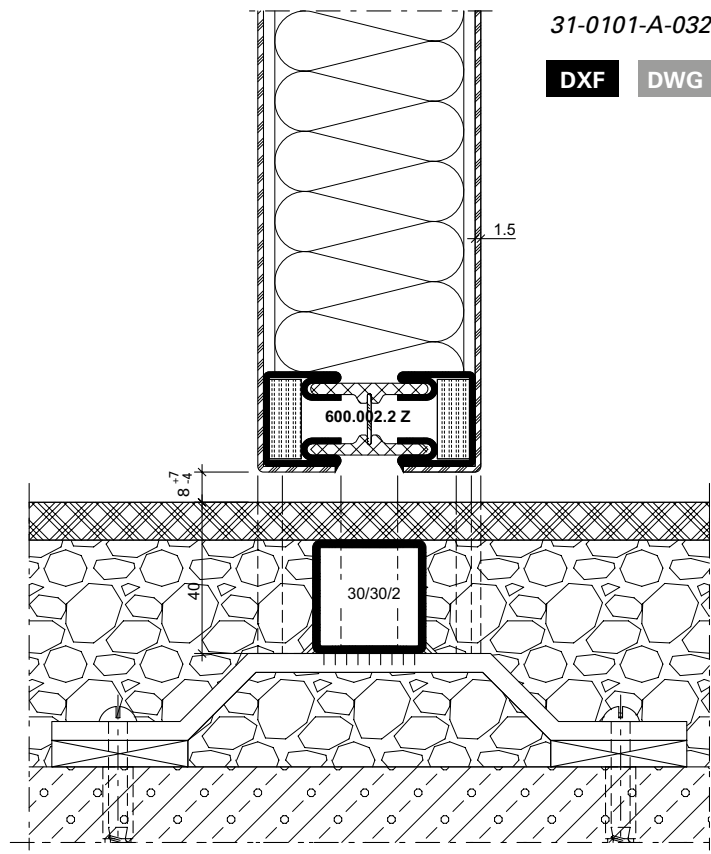
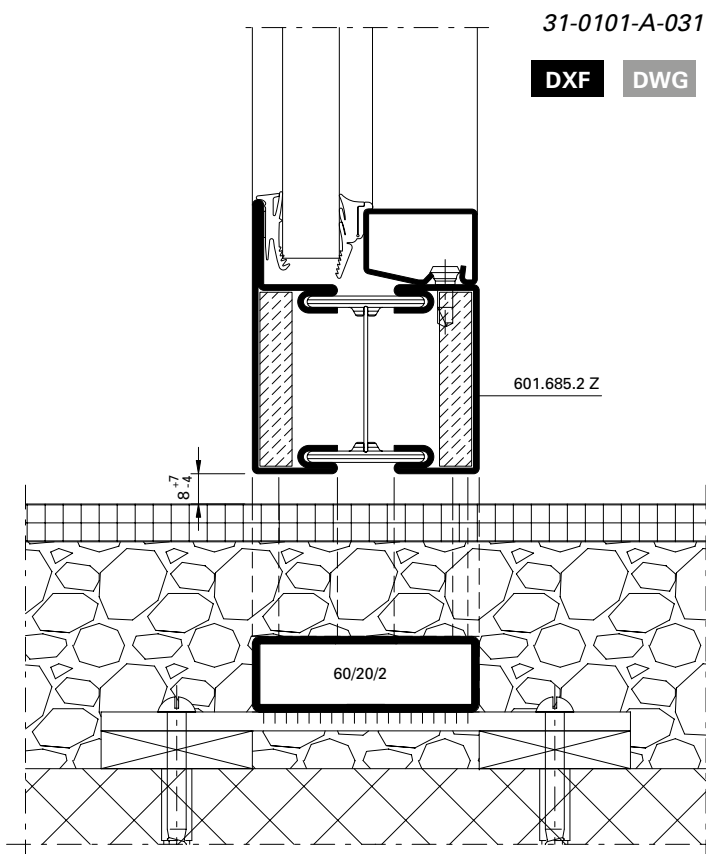
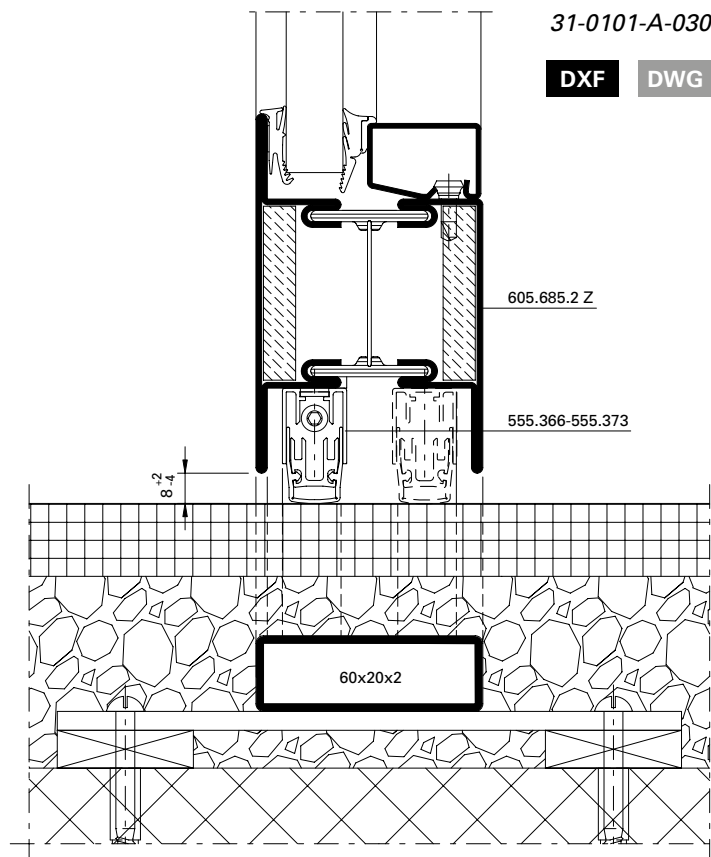
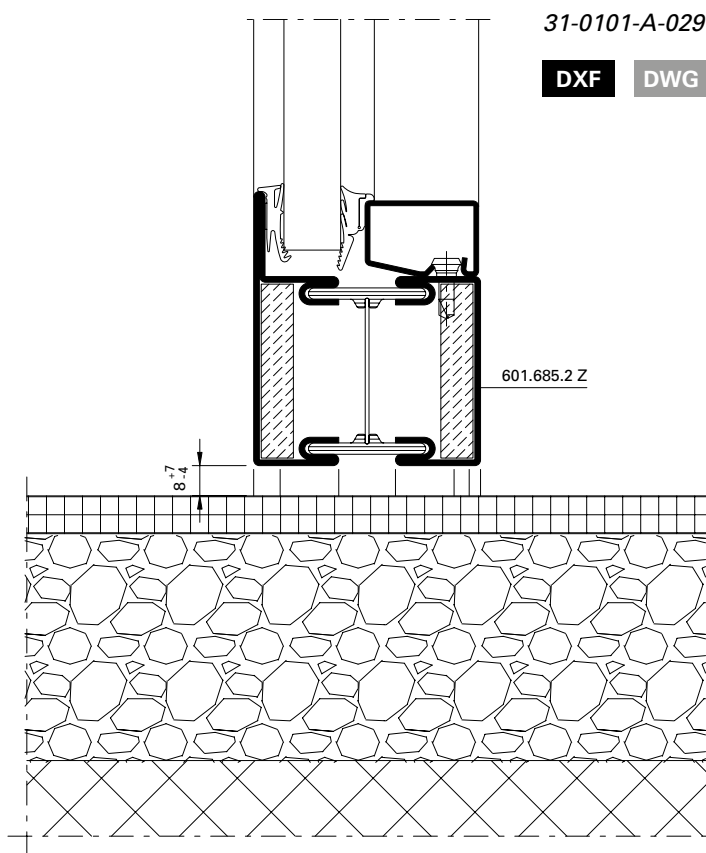
* Schrauben-Abstand ≤ 500 mm
** Wahlweise örtl. Schweissung anstelle
Schraube 550.454

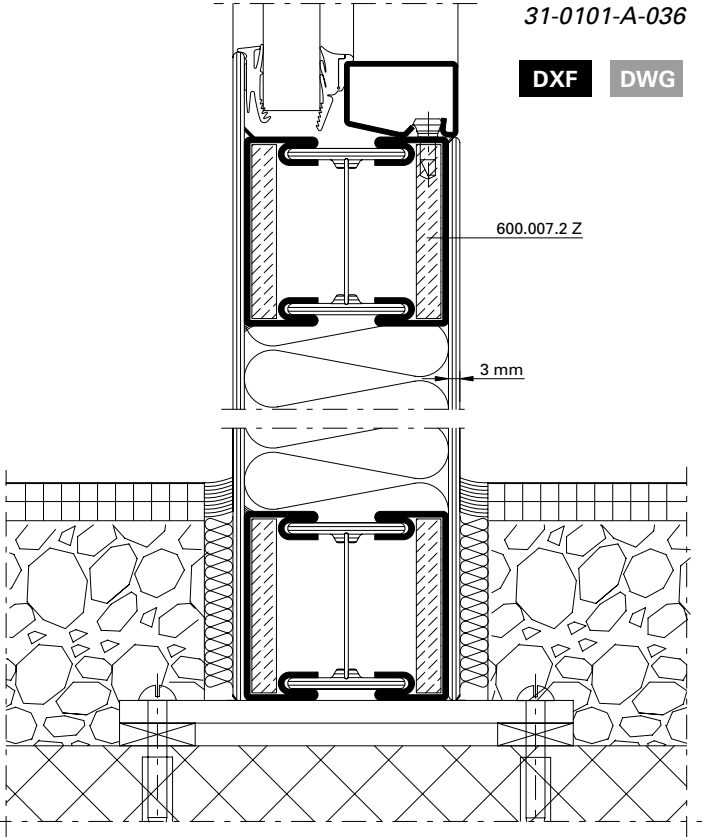
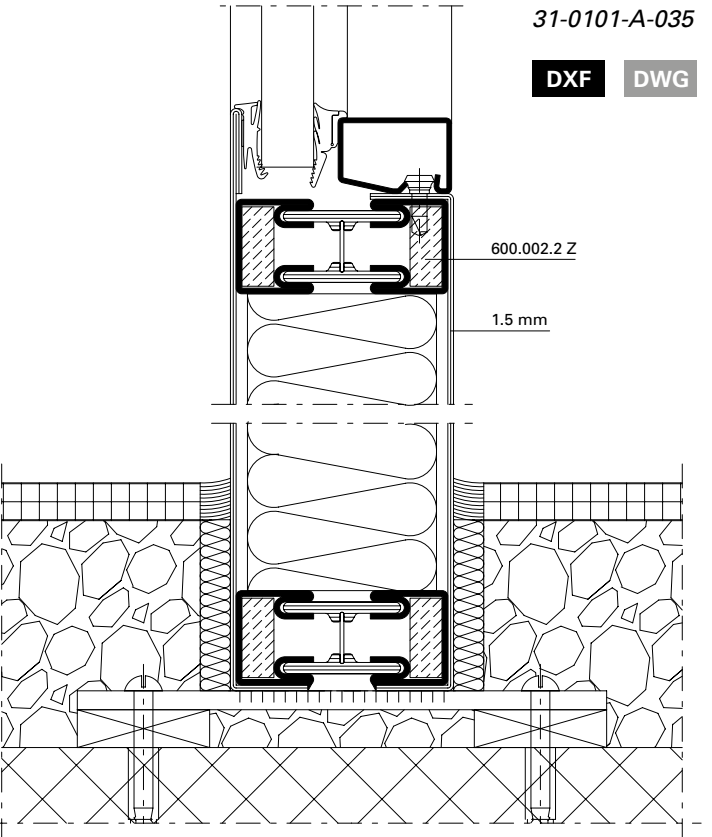
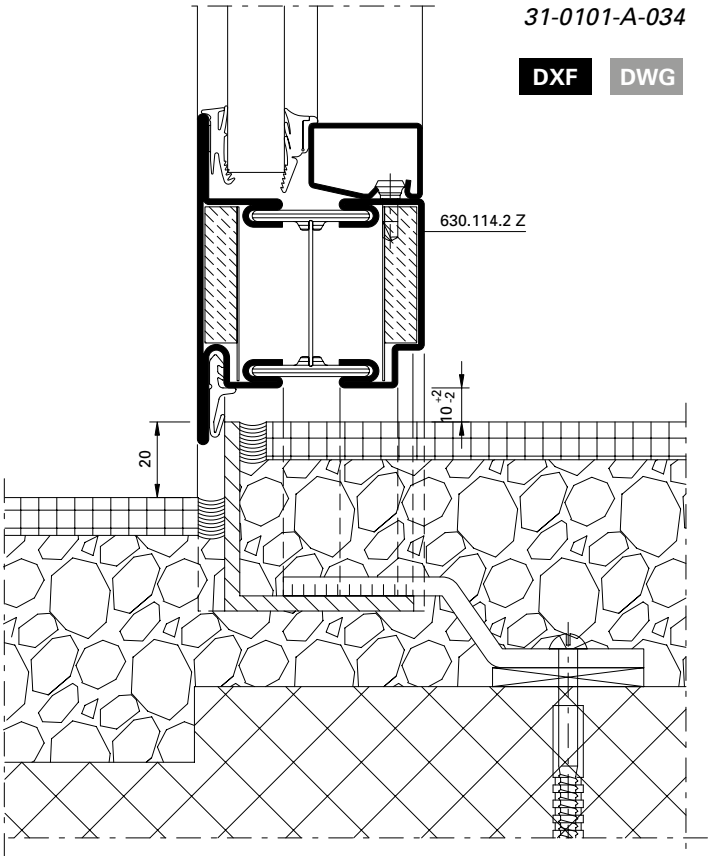
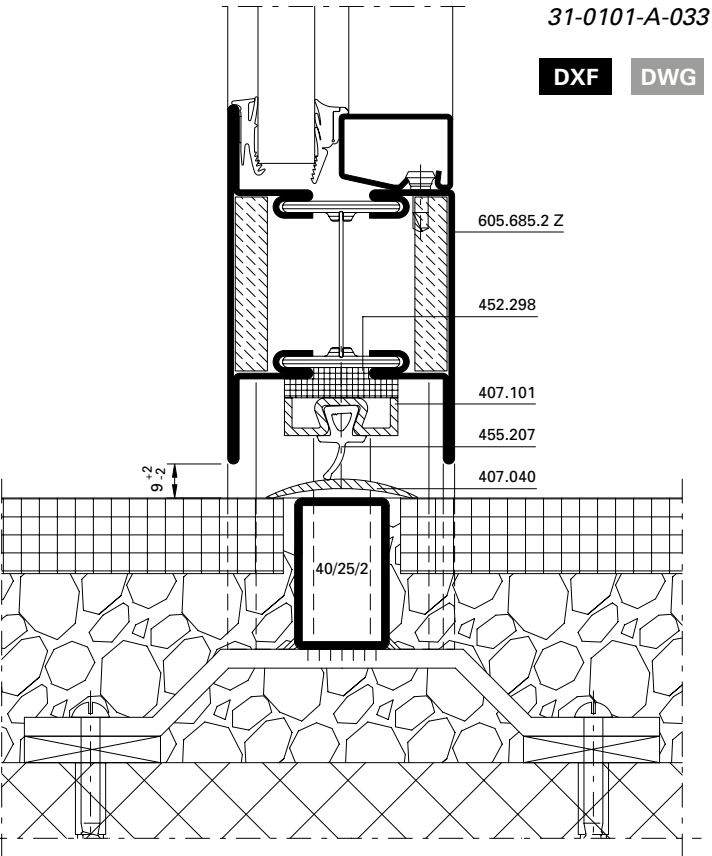
* Distance des vis ≤ 500 mm
** Au choix, soudage local à la place
de la vis 550.454

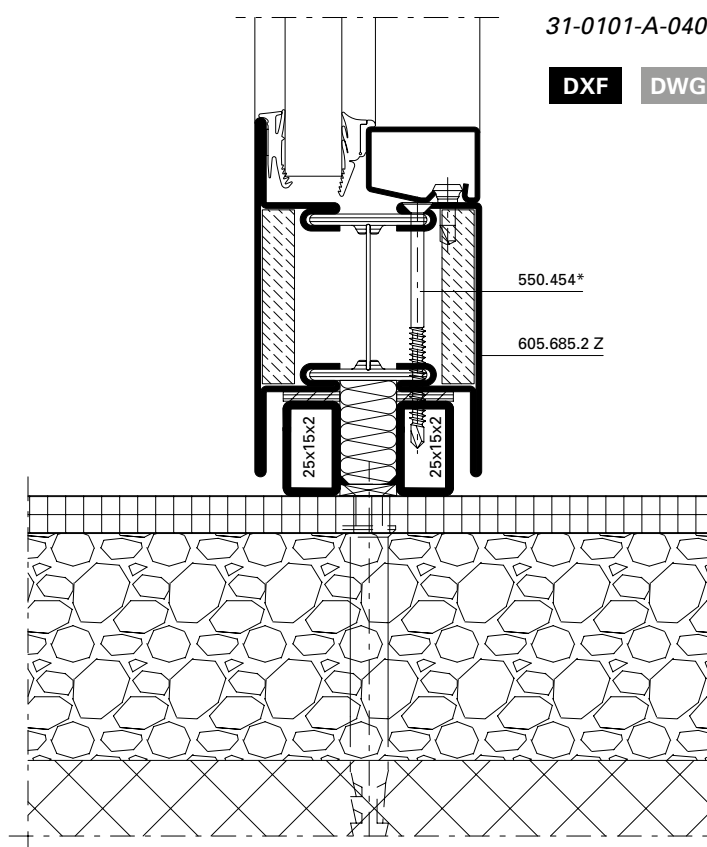
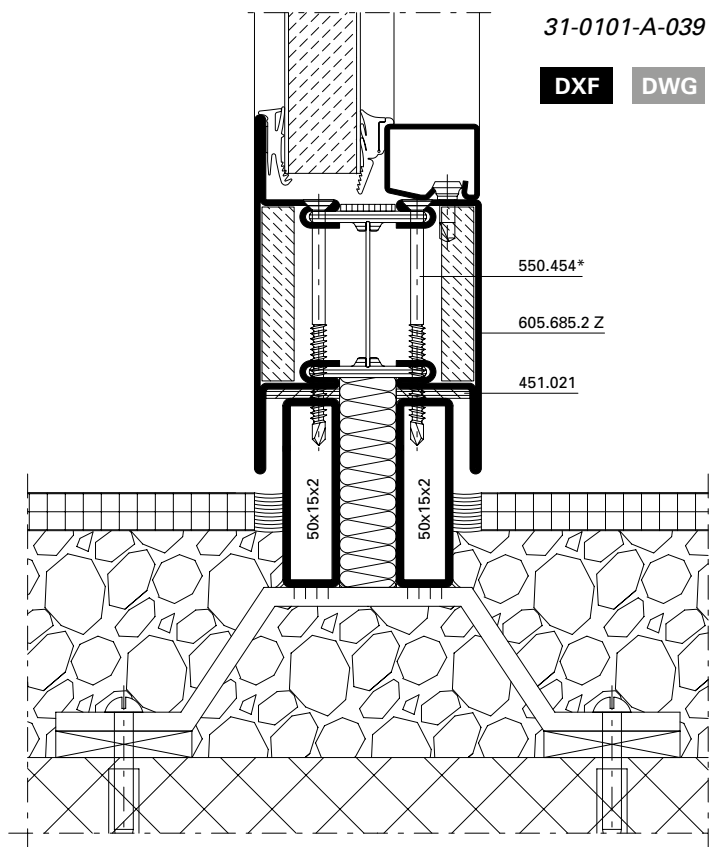
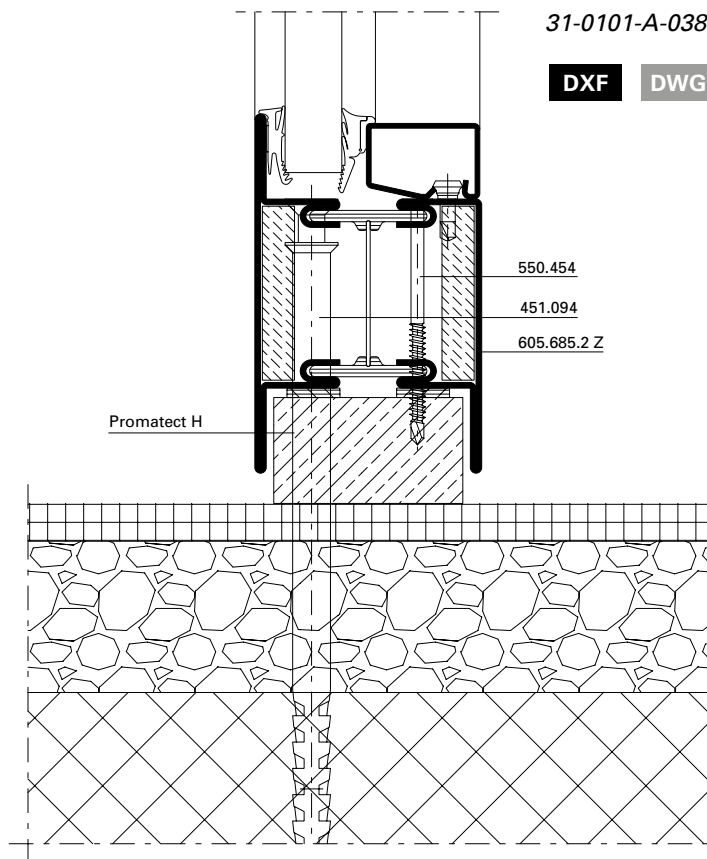
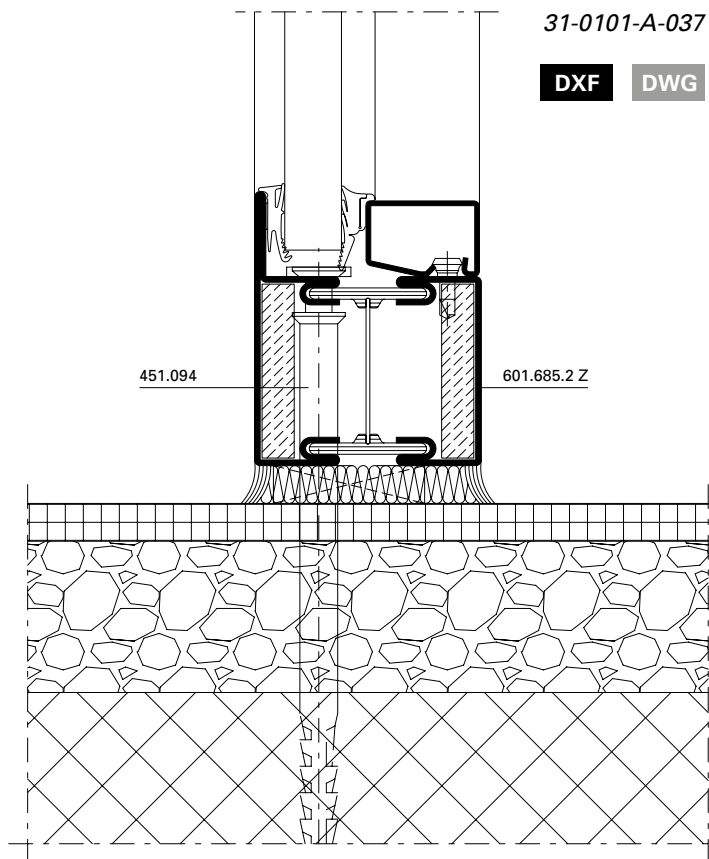


31-0101-A-028

* Screw distance ≤ 500 mm
** Optionally, local weld instead of
screw 550.454







* Schrauben-Abstand ≤ 800 mm

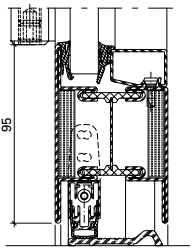
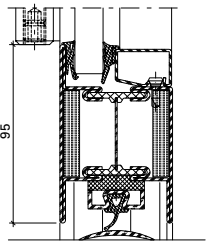
* Distance des vis ≤ 800 mm

* Screw distance ≤ 800 mm

Einflügelige Türen,
 auswärts öffnend,
 Flügelhöhe ≤ 2200 mm

Porte à un vantail,
 ouvrant vers l'extérieur,
 hauteur du vantail ≤ 2200 mm

Single leaf door,
 outward opening,
 leaf height ≤ 2200 mm

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		❶	2	1A	C4 / C3*
		❷	2	2A	C4 / C3*
		❸	3	2A	C5 / C4*
Auflaufdichtung Joint de contact Ramp seal		❶	2	0	C4 / C3*
		❷	2	0	C4 / C3*
		❸	2	0	C5 / C4*

* Edelstahl
 * Acier Inox
 * Stainless steel

❶ Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

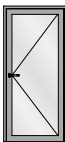
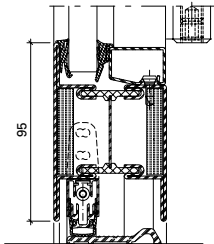
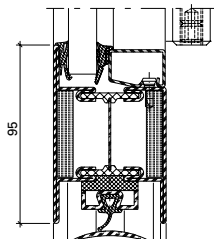
❷ Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

Einflügelige Türen,
 einwärts öffnend,
 Flügelhöhe ≤ 2200 mm

Porte à un vantail,
 ouvrant vers l'intérieur,
 hauteur du vantail ≤ 2200 mm

Single leaf door,
 inward opening,
 leaf height ≤ 2200 mm

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		1	2	0	C4 / C3*
		2	2	0	C4 / C3*
		3	3	1A	C5 / C4*
Auflaufdichtung Joint de contact Ramp seal		1	2	0	C4 / C3*
		2	2	0	C4 / C3*
		3	2	0	C5 / C4*

* Edelstahl
 * Acier Inox
 * Stainless steel

1 Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

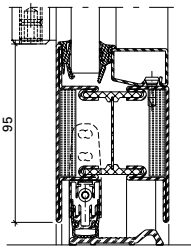
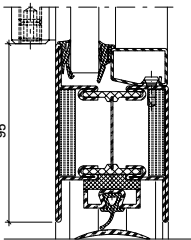
2 Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

3 Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

Einflügelige Türen,
 auswärts öffnend,
 Flügelhöhe ≤ 3000 mm

Porte à un vantail,
 ouvrant vers l'extérieur,
 hauteur du vantail ≤ 3000 mm

Single leaf door,
 outward opening,
 leaf height ≤ 3000 mm

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		1	1	0	C1
		2	1	0	C1
		3	1	0	C2
Auflaufdichtung Joint de contact Ramp seal		1	0	0	C1
		2	0	0	C1
		3	1	0	C2

1 Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

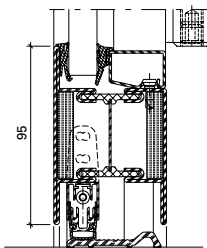
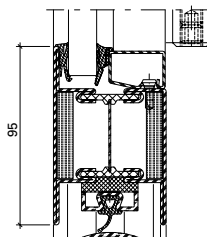
2 Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

3 Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

Einflügelige Türen,
einwärts öffnend,
Flügelhöhe ≤ 3000 mm

Porte à un vantail,
ouvrant vers l'intérieur,
hauteur du vantail ≤ 3000 mm

Single leaf door,
inward opening,
leaf height ≤ 3000 mm

Variante	Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile 	❶	1	0	C1
	❷	1	0	C1
	❸	1	0	C2
Auflaufdichtung Joint de contact Ramp seal 	❶	0	0	C1
	❷	0	0	C1
	❸	1	0	C2

❶ Fallenriegel-Schloss
Serrure à mortaiser
Latch and bolt lock

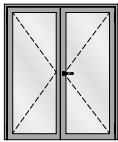
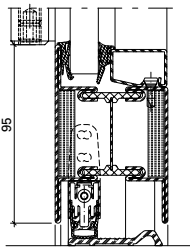
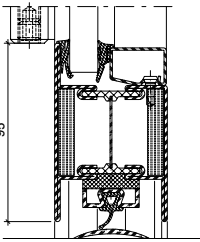
❷ Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

**Zweiflügelige Türen,
 auswärts öffnend,
 Flügelhöhe ≤ 2200 mm**

**Porte à deux vantaux,
 ouvrant vers l'extérieur,
 hauteur du vantail ≤ 2200 mm**

**Double leaf door,
 outward opening,
 leaf height ≤ 2200 mm**

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		❶	2	1A / 0*	C2
		❷	2	2A / 0*	C2
		❸	2	2A / 1A*	C3
Auflaufdichtung Joint de contact Ramp seal		❶	2	0	C2
		❷	2	0	C2
		❸	2	0	C3

* Edelstahl
 * Acier Inox
 * Stainless steel

❶ Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

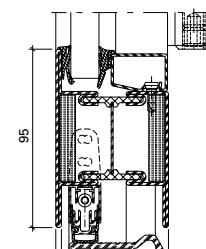
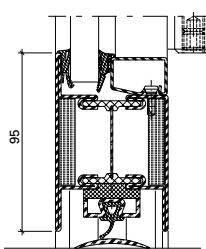
❷ Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

Zweiflügelige Türen,
 einwärts öffnend,
 Flügelhöhe ≤ 2200 mm

Porte à deux vantaux,
 ouvrant vers l'intérieur,
 hauteur du vantail ≤ 2200 mm

Double leaf door,
 inward opening,
 leaf height ≤ 2200 mm

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		1	2	0	C2
		2	2	0	C2
		3	2	0	C3
Auflaufdichtung Joint de contact Ramp seal		1	2	0	C2
		2	2	0	C2
		3	2	0	C3

1 Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

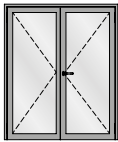
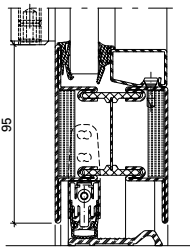
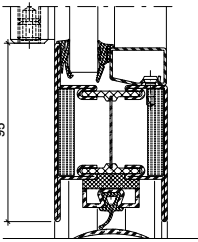
2 Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

3 Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

**Zweiflügelige Türen,
 auswärts öffnend,
 Flügelhöhe ≤ 3000 mm**

**Porte à deux vantaux,
 ouvrant vers l'extérieur,
 hauteur du vantail ≤ 3000 mm**

**Double leaf door,
 outward opening,
 leaf height ≤ 3000 mm**

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		❶	0	0	C1
		❷	0	0	C1
		❸	1	0 / 1A*	C2
Auflaufdichtung Joint de contact Ramp seal		❶	0	0	C1
		❷	0	0	C1
		❸	1	0	C2

* Edelstahl
 * Acier Inox
 * Stainless steel

❶ Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

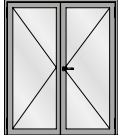
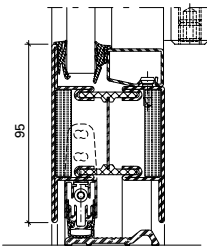
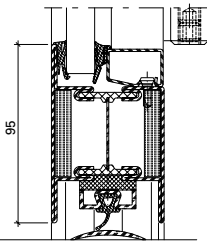
❷ Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

**Zweiflügelige Türen,
einwärts öffnend,
Flügelhöhe ≤ 3000 mm**

**Porte à deux vantaux,
ouvrant vers l'intérieur,
hauteur du vantail ≤ 3000 mm**

**Double leaf door,
inward opening,
leaf height ≤ 3000 mm**

Variante		Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile		1	0	0	C1
		2	0	0	C1
		3	1	0	C2
Auflaufdichtung Joint de contact Ramp seal		1	0	0	C1
		2	0	0	C1
		3	1	0	C2

1 Fallenriegel-Schloss
Serrure à mortaiser
Latch and bolt lock

2 Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

3 Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

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 2 EI30.

Sie basieren auf folgenden Grundlagen:

Stahl

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

Edelstahl

- Profile Edelstahl, blank
- Edelstahl-Glasleisten
- Trockenverglasung
- Nassverglasung

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

Vous trouverez les valeurs U_f pour les différentes applications Janisol 2 EI30. dans les pages qui suivent.

Elles se basent sur les principes suivants:

Acier

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

Acier Inox

- Profilés en acier Inox, brut
- Parcloles en acier Inox
- Vitrage à sec
- 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 2 EI30.

They are based on the following:

Steel

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

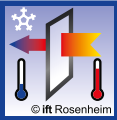
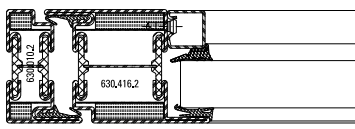
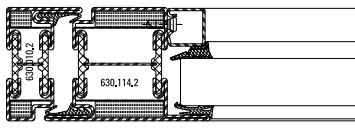
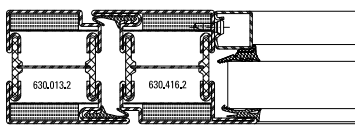
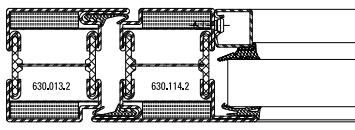
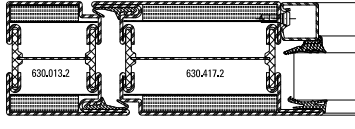
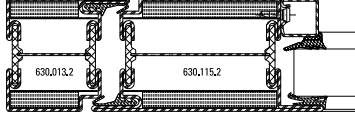
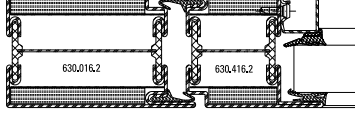
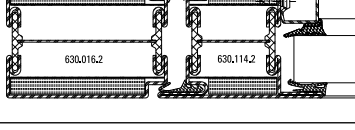
Stainless steel

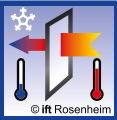
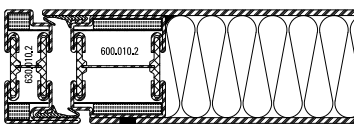
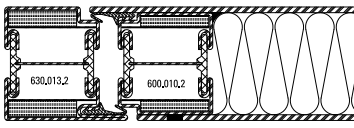
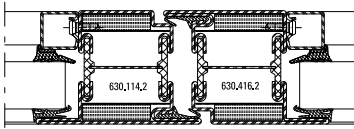
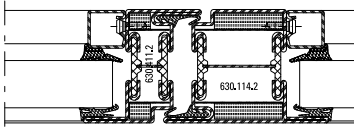
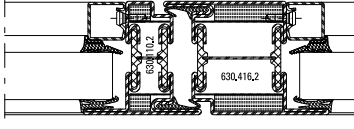
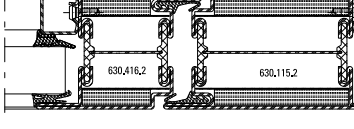
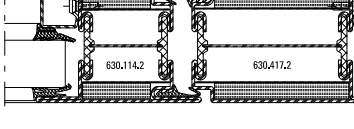
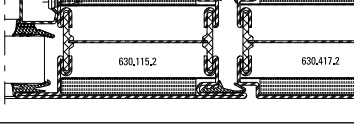
- Stainless steel profiles, bright
- Stainless steel glazing beads
- Glazing with dry glazing
- Glazing with sealing

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

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

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

	Füllelementstärken Elements de remplissages Infill elements ≥ 32 mm
	2,6 W/m²K
	2,6 W/m²K
	2,4 W/m²K
	2,4 W/m²K
	2,1 W/m²K
	2,1 W/m²K
	2,2 W/m²K
	2,2 W/m²K

	Füllelementstärken Elements de remplissages Infill elements ≥ 32 mm
	3,0 W/m²K
	2,7 W/m²K
	2,4 W/m²K
	2,6 W/m²K
	2,6 W/m²K
	2,1 W/m²K
	2,1 W/m²K
	2,0 W/m²K

U_f-Werte

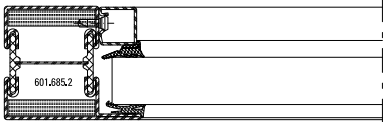
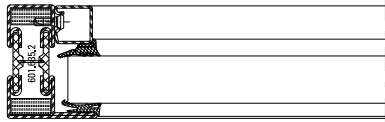
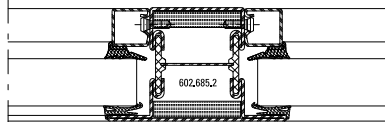
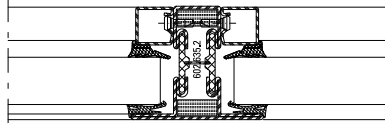
(nach EN ISO 10077-2:2018-01)

Valeurs U_f

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

U_f values

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

	Füllelementstärken Elements de remplissages Infill elements ≈ 32 mm
	2,8 W/m²K
	2,8 W/m²K
	2,2 W/m²K
	2,5 W/m²K

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

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

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

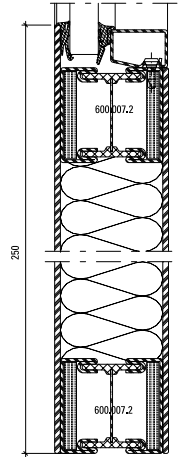
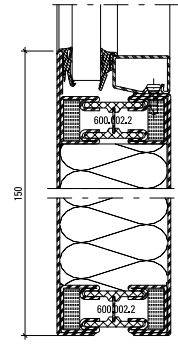
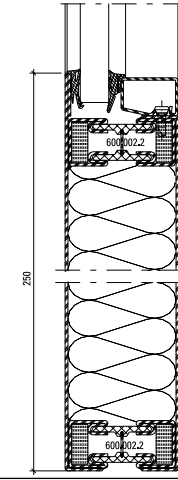
	Füllelementstärken Elements de remplissages Infill elements ≥ 32 mm
	3,6 W/m²K (links / gauche / left) 3,0 W/m²K (rechts / droite / right)
	3,1 W/m²K (links / gauche / left) 3,4 W/m²K (rechts / droite / right)
	3,4 W/m²K

	Füllelementstärken Elements de remplissages Infill elements ≥ 32 mm
	2,1 W/m²K
	2,2 W/m²K

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

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

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

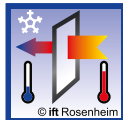
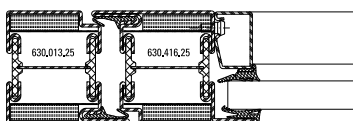
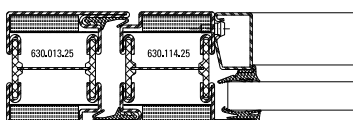
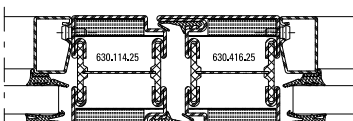
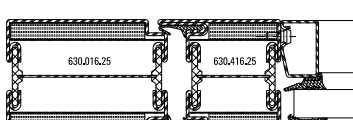
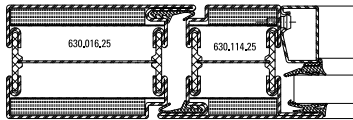
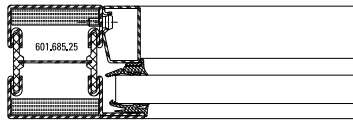
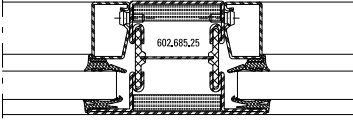
	Füllelementstärken Elements de remplissages Infill elements ≈ 32 mm
	1,6 W/m²K
	2,0 W/m²K
	1,5 W/m²K

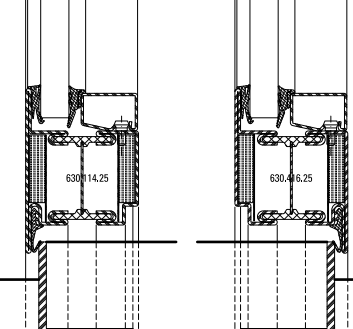
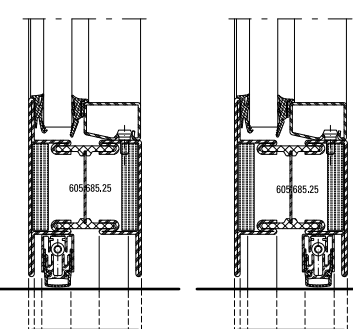
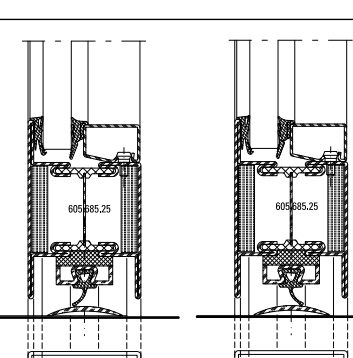
U_f-Werte
(nach EN ISO 10077-2:2018-01)

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

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



	Füllelementstärken Elements de remplissages Infill elements ≥ 32 mm
	2,3 W/m²K
	2,3 W/m²K
	2,2 W/m²K
	2,0 W/m²K
	2,0 W/m²K
	2,2 W/m²K
	2,1 W/m²K

	Füllelementstärken Elements de remplissages Infill elements ≥ 32 mm
	3,4 W/m²K (links / gauche / left) 2,9 W/m²K (rechts / droite / right)
	3,0 W/m²K (links / gauche / left) 2,9 W/m²K (rechts / droite / right)
	3,2 W/m²K



Schallschutz

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.

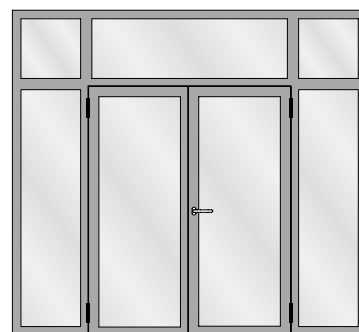
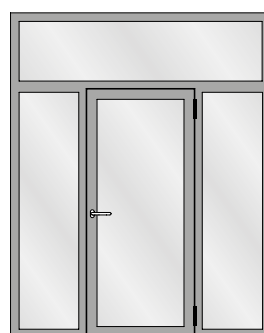
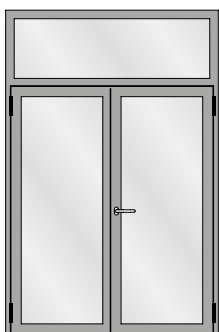
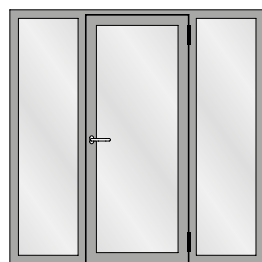
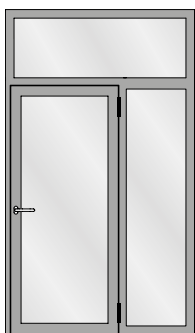
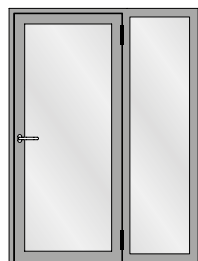
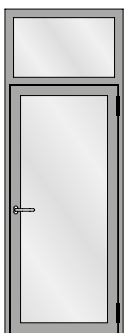
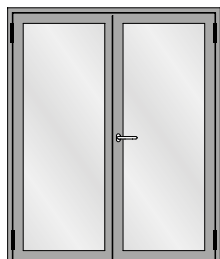
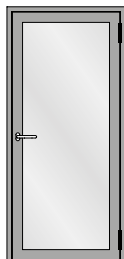


Tabelle A1
 Korrekturtabelle für Janisol 2 EI30-
 Türen mit Mehrscheiben-Isolierglas

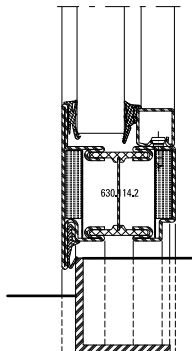
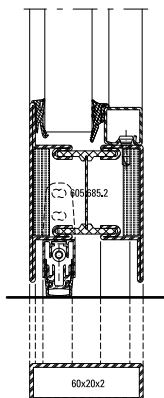
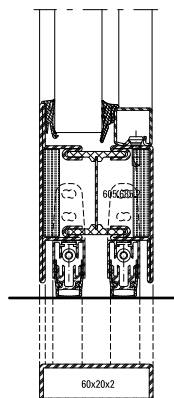
Tableau A1
 Tableau de correction pour les portes
 Janisol 2 EI30 avec vitrage isolant
 multi-vitres

Table A1
 Correction table for Janisol 2 EI30
 doors with multi-pane insulating glass

	1	2	3	4	5	6	7	8	9	10	11	12
	Türe 0,99 x 2,12 m mit zwei absenkbaren Bodendichtungen Porte 0,99 x 2,12 m avec deux joint seuil automatique Door 0,99 x 2,12 m with two threshold gaskets that can be lowered R_W (C, Ctr) dB	Glas Verre Glass R_W, P, Glas dB	Korrekturen Corrections Corrections K_S dB									
				K_{FV} dB	K_{Nass} dB	K_{1aB} dB	K_{W/B-1} dB	K_{W/B-2} dB	K_{G 0,4} dB	K_{G 1,8} dB	K_{G 2,6} dB	K_{G 3,2} dB
1	32 (-1; -3)	32	0	-1	0	-1	0	0	0	-1	-2	-3
2	33 (-1; -3)	33	0	-1	0	-1	0	0	0	-1	-2	-3
3	35 (-1; -3)	35	0	-1	0	-1	0	0	0	-1	-2	-3
4	36 (-1; -3)	36	0	-1	-1	-1	0	0	0	-1	-2	-3
5	38 (-1; -4)	38	0	0	-1	-2	0	-1	0	-1	-2	-3
6	38 (-1; -4)	40	0	0	-1	-2	0	-1	0	-1	-2	-3
7	39 (-1; -4)	41	0	0	-1	-2	0	-1	0	-1	-2	-3
8	40 (-2; -5)	42	0	0	-1	-2	0	-1	-1	-1	-2	-3
9	41 (-2; -5)	43	0	0	-1	-2	0	-1	-2	-1	-2	-3
10	42 (-2; -5)	44	-1	0	-1	-2	0	-1	-2	-1	-2	-3
11	42 (-2; -5)	45	-1	0	-1	-2	0	-2	-2	-1	-2	-3
12	43 (-2; -5)	46	-1	0	-1	-3	-1	-2	-3	-1	-2	-3

K_{1aB}

K_{W/S-1}



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

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

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

$$R_{W, \text{Tür}} = R_W + K_S + K_{FV} + K_{Nass} + K_{1aB} + K_{AW-S} + K_{G 0,4} + K_{G 1,8} + K_{G 2,6} + K_{G 3,2} \text{ dB}$$

K_S Korrekturwert für zweiflügelige Türen

K_{FV} Korrekturwert für Festverglasungen mit erhöhtem Scheibenanteil

K_{Nass} Korrekturwert für Nassverglasung

K_{1aB} Korrekturwert für Türen mit einer absenkbaren Bodendichtung

$K_{W/B-1}$ Korrekturwert für einflügelige Türen mit einem Anschlagwinkel oder einer Anschlagsschwelle

$K_{W/B-2}$ Korrekturwert für zweiflügelige Türen mit einer Anschlagsschwelle

$K_{G 0,4}$ Korrekturwert für Einzelscheiben mit einer Glasfläche $\leq 0,4 \text{ m}^2$. Die Korrektur gilt auch für Konstruktionen mit glasteilenden Sprossen.

$K_{G 1,8}$ Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 1,8 \text{ m}^2$

$K_{G 2,6}$ Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 2,6 \text{ m}^2$

$K_{G 3,2}$ Korrekturwert für Einzelscheiben mit einer Glasfläche $\geq 3,2 \text{ m}^2$

R_W bewertetes Schalldämm-Mass der Türe in Abhängigkeit von der Schalldämmung $R_{W,P, \text{Glas}}$

$R_{W,P, \text{Glas}}$ bewertetes Schalldämm-Mass (Prüfwert) der Isolierverglasung. Die Werte müssen über eine Prüfung nach ISO 140-3 an einem Prüfmuster im Format 1230 x 1480 mm ermittelt und durch einen Prüfbericht einer anerkannten Prüfstelle nachgewiesen werden. Alternativ können generische Daten nach DIN EN 12758 verwendet werden.

K_S Valeur de correction pour portes à deux vantaux

K_{FV} Valeur de correction pour vitrages fixes à fort pourcentage de vitre

K_{Nass} Valeur de correction pour vitrage avec mastic

K_{1aB} Valeur de correction pour portes avec un joint seuil automatique

$K_{W/S-1}$ Valeur de correction pour portes à un vantail avec une équerre de butée ou un seuil de butée

$K_{W/S-2}$ Valeur de correction pour portes à deux vantaux avec un seuil de butée

$K_{G 0,4}$ Valeur de correction pour vitres individuelles avec une surface vitrée $\leq 0,4 \text{ m}^2$. La correction s'applique aussi aux constructions à meneaux séparant les vitres.

$K_{G 1,8}$ Valeur de correction pour vitres individuelles avec surface vitrée $\geq 1,8 \text{ m}^2$

$K_{G 2,6}$ Valeur de correction pour vitres individuelles avec surface vitrée $\geq 2,6 \text{ m}^2$

$K_{G 3,2}$ Valeur de correction pour vitres individuelles avec surface vitrée $\geq 3,2 \text{ m}^2$

R_W Mesure d'isolement contre les sons aériens des portes évaluée suivant l'isolement phonique $R_{W,P, \text{vitrage}}$

$R_{W,P, \text{vitrage}}$ Mesure d'isolement contre les sons aériens (valeur d'essai) du vitrage isolant évaluée. Les valeurs doivent être déterminées par un essai suivant ISO 140-3 sur un spécimen de format 1230 x 1480 mm et attestées par le procès-verbal d'un bureau de vérification homologué. Alternativement, il est possible d'utiliser des données génériques suivant DIN EN 12758.

K_S Correction value for double-leaf doors

K_{FV} Correction value for fixed glazing with increased proportion of pane

K_{Nass} Correction value for glazing with sealing

K_{1aB} Correction value for doors with a threshold gasket that can be lowered

$K_{W/S-1}$ Correction value for single-leaf doors with an angle bracket or a rebate threshold

$K_{W/S-2}$ Correction value for double-leaf doors with a rebate threshold

$K_{G 0,4}$ Correction value for single panes with a glass area $\leq 0,4 \text{ m}^2$. The correction also applies to buildings with glazing bars

$K_{G 1,8}$ Correction value for single panes with a glass area $\geq 1,8 \text{ m}^2$

$K_{G 2,6}$ Correction value for single panes with a glass area $\geq 2,6 \text{ m}^2$

$K_{G 3,2}$ Correction value for single panes with a glass area $\geq 3,2 \text{ m}^2$

R_W Airborne sound reduction index of doors depending on the sound insulation $R_{W,P, \text{glazing}}$

$R_{W,P, \text{glazing}}$ Airborne sound reduction index (test value) of insulating glazing. The values must be calculated using a test conducted in accordance with ISO 140-3 for a specimen with the dimensions 1230 x 1480 mm and confirmed by a test report of a recognised test centre. Alternatively, generic data can be used in accordance with DIN EN 12758.