

Systemübersicht

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Systemausführungen
Typenübersicht

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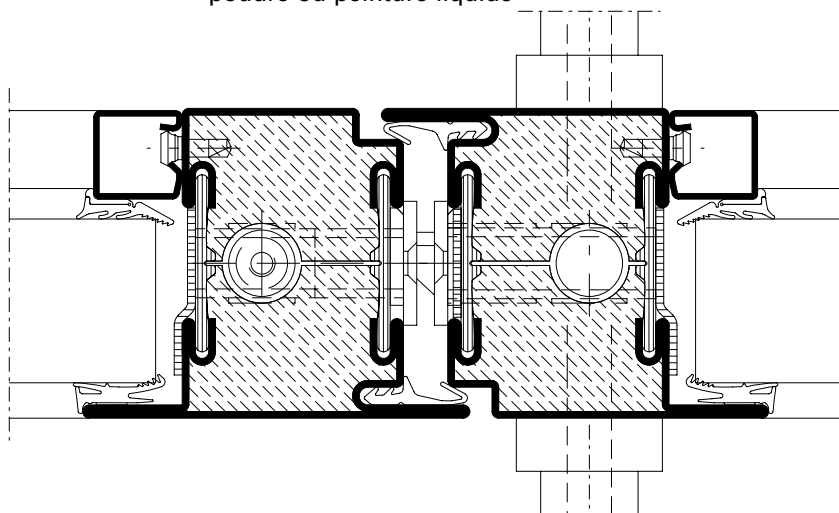
Leistungseigenschaften

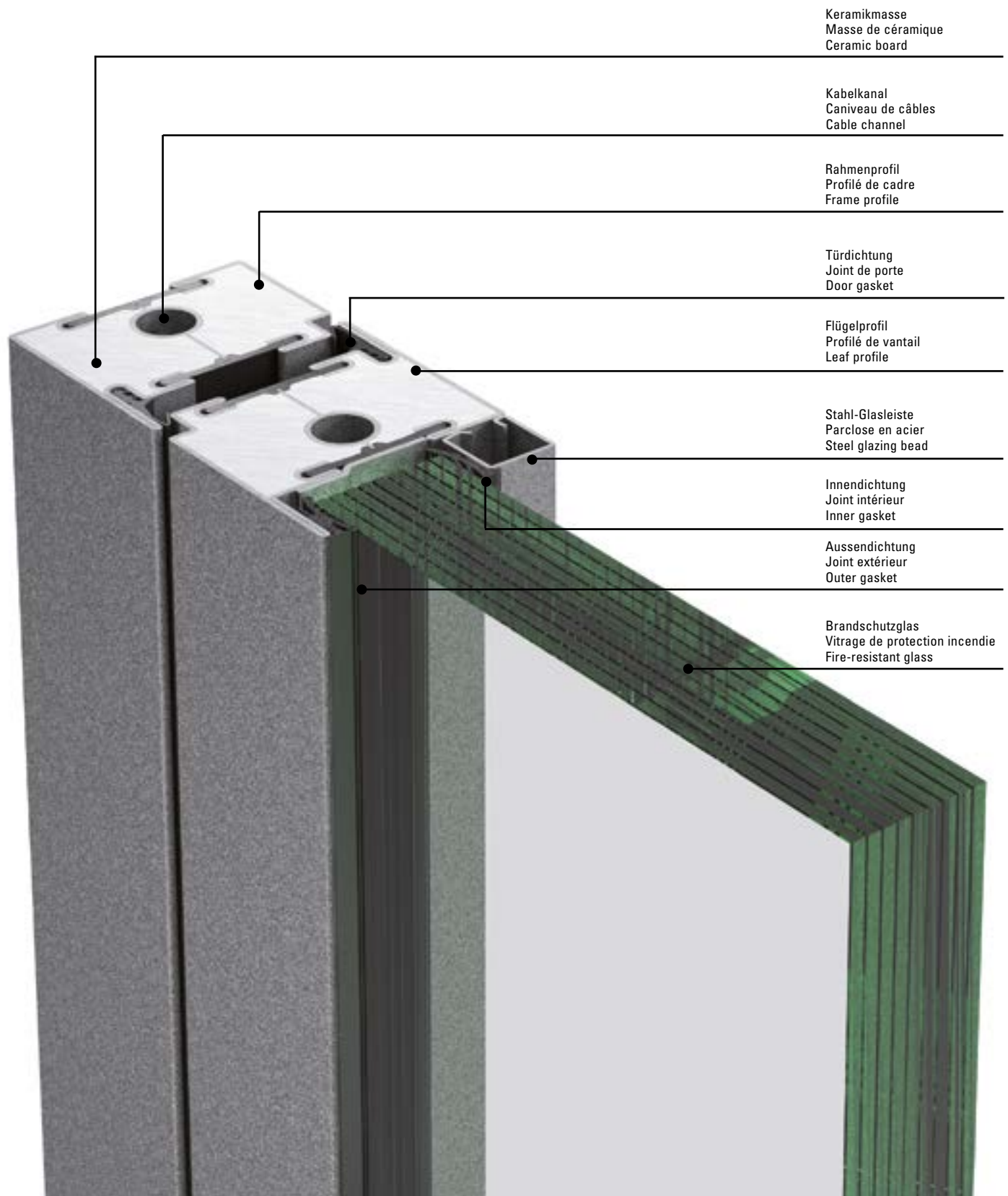
Caractéristiques de performance

Performance characteristics

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- Wärmegeädämmtes Stahlsystem für Türen und Festverglasungen
- Bautiefe 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 1800 x 3600 mm (BxH), landesspezifische Zulassung beachten
- Füllelementstärke von 15 bis 47 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 systemgeprüften Türbeschlägen
- Barrierefreie Schwellenausbildungen
- Geeignet für Pulver- und Nasslackbeschichtungen
- Système en acier à rupture de pont thermique pour portes et vitrages fixes
- 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 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 1800 x 3600 mm LaxH), il convient de respecter les prescriptions et règlements des divers pays concernés
- Élément de remplissage de 15 à 47 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
- Thermally insulated steel system for doors and fixed glazing
- 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 1800 x 3600 mm WxH), the regulations and bye-laws in force in the particular country must be respected
- Infill unit thickness of 15 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
- 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





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 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 (-1; -4) jusqu'à R_w 43 dB (-1; -4) up to R_w 43 dB (-1; -4)														
 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 2.9 W/m²K à partir de 2.9 W/m²K from 2.9 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 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	
 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														
 EN 1634-1 EN 13501-2	Brandschutz Résistance aux feu Fire resistance		EI60 / EI90														

Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung/Wert Classification / Valeur Classification / Value
 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 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



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, inward and outward 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 C4 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 C4 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 C4 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



Verblechte Janisol C4 EI60 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 C4 EI60

- 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 C4 EI60 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

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

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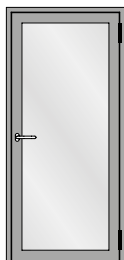
Info et conseils

Nous vous conseillerons volontiers individuellement et sommes à votre disposition si vous avez des questions à poser. Veuillez nous envoyer votre requête à: info@jansen.com

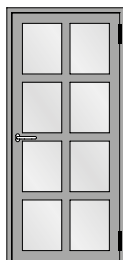
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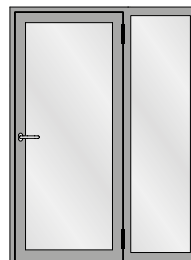




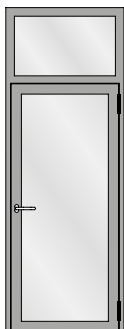
Einflügelige Türe
 Porte à un vantail
 Single leaf door



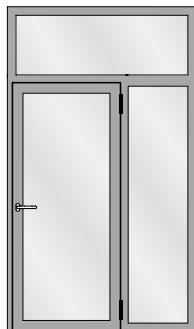
Einflügelige Türe mit Riegel
 Porte à un vantail avec traverse
 Single leaf door with transom



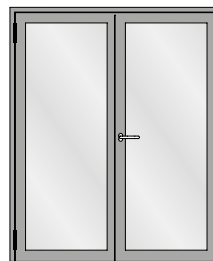
Einflügelige Türe mit festem Seitenteil
 Porte à un vantail avec partie latérale fixe
 Single leaf door with fixed side light



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



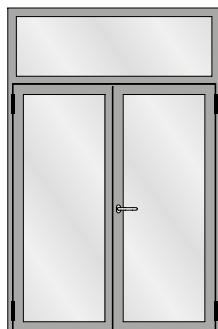
Einflügelige Türe mit festem Seitenteil und festem Oberlicht
 Porte à un vantail avec avec partie latérale fixe et imposte fixe
 Single leaf door with fixed side light and fixed top light



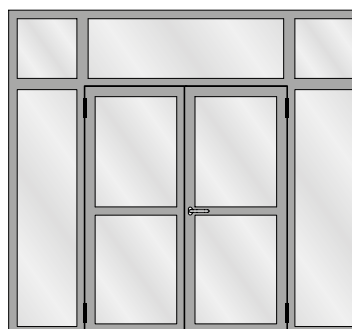
Zweiflügelige Türe
 Porte à deux vantaux
 Double leaf door



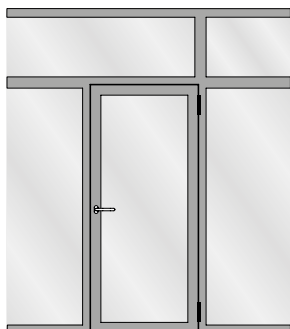
Zweiflügelige Türe mit zwei festen Seitenteilen
 Porte à deux vantaux avec deux parties latérales fixes
 Double leaf door with two fixed side lights



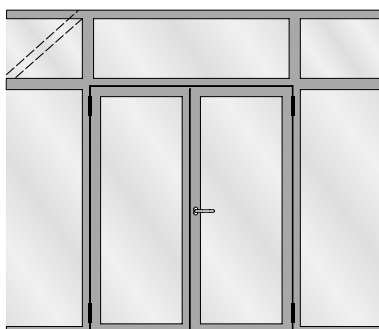
Zweiflügelige Türe mit festem Oberlicht
 Porte à deux vantaux avec imposte fixe
 Double leaf door with fixed top light



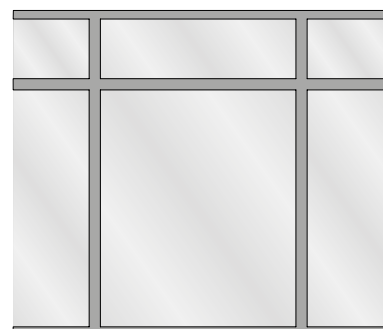
Zweiflügelige Türe mit zwei festen Seitenteilen und festen Oberlichtern
 Porte à deux vantaux avec deux parties latérales fixes et impostes fixes
 Double leaf door with two fixed side lights and fixed top lights



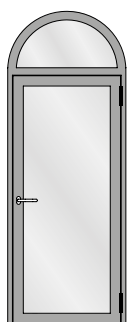
Festverglasung mit einflügeliger Türe
 Vitrage fixe avec porte à un vantail
 Fixed glazing with single leaf door



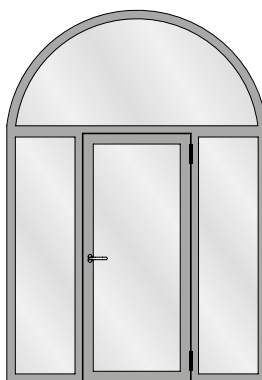
Festverglasung mit zweiflügeliger Türe
 Vitrage fixe avec porte à deux vantaux
 Fixed glazing with double leaf door



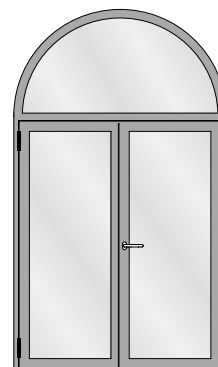
Festverglasung
 Vitrage fixe
 Fixed glazing



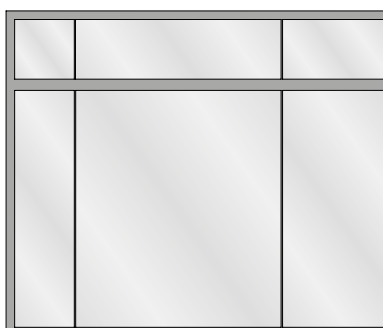
Einflügelige Türe mit Rundbogen-Oberlicht
 Porte à un vantail avec imposte demi-ronde
 Single leaf door with round arched top light



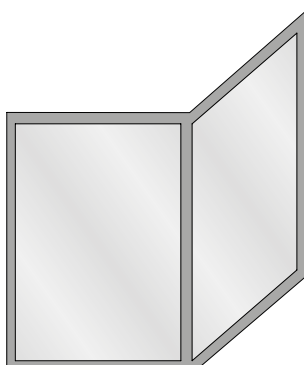
Einflügelige Türe mit zwei festen Seitenteilen
 und Rundbogen-Oberlicht
 Porte à un vantail avec deux parties latérales
 fixes et imposte demi-ronde
 Single leaf door with two fixed side lights and
 round arched top light



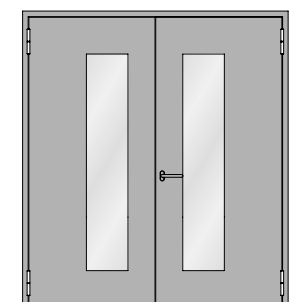
Zweiflügelige Türe mit Rundbogen-Oberlicht
 Porte à deux vantaux avec imposte demi-ronde
 Double leaf door with round arched top light



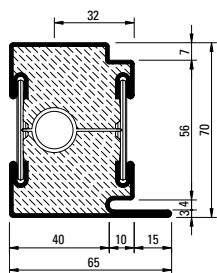
Stossfugenverglasung
 Vitrage joint vif
 Butt-joint glazing



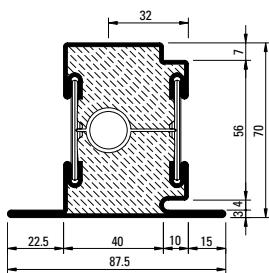
Eckausbildung
 Vitrage d'angle
 Corner glazing



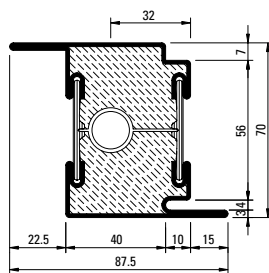
Verblechte Türe
 Porte tôlée
 Sheet metal door



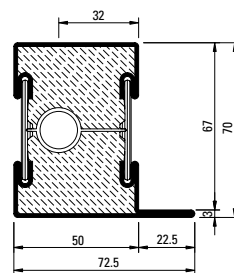
630.013.C4
630.013.C4 Z
630.013.C45



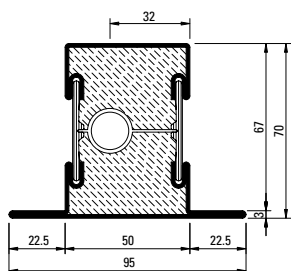
630.114.C4
630.114.C4 Z
630.114.C45



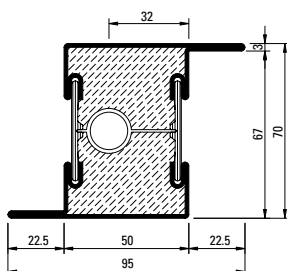
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630.416.C45



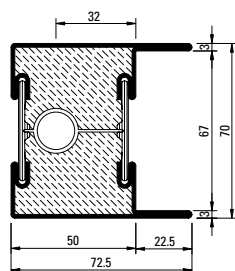
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601.685.C4 Z
601.685.C45



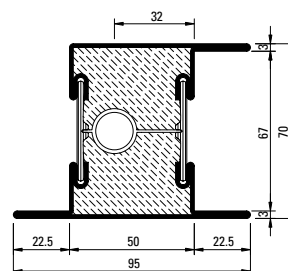
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602.685.C4 Z
602.685.C45



603.685.C4
603.685.C4 Z



604.685.C4
604.685.C4 Z



605.685.C4
605.685.C4 Z
605.685.C45

Oberfläche/Werkstoff

Artikel-Nr.

ohne Zusatz = blank

mit Z = bandverzinkter Stahl

Werkstoff 1.4301 (AISI 304)

mit 45 = blank

mit 47 = 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 45 = brut

avec 47 = 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)

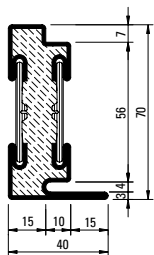
with 45 = bright

with 47 = polished, grain 220-240

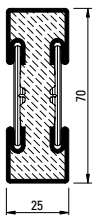
Stainless steel polished on request

Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
630.013.C4	7,064	27,3	6,39	18,7	5,14	0,293
630.114.C4	7,584	31,0	6,68	27,4	5,93	0,337
630.416.C4	7,584	34,0	9,01	27,4	5,93	0,337

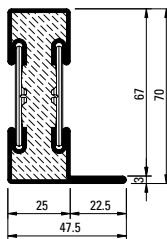
Profil-Nr.	G kg/m	Ix cm ⁴	Wx cm ³	Iy cm ⁴	Wy cm ³	U m ² /m
601.685.C4	7,224	28,0	6,63	21,7	5,12	0,285
602.685.C4	7,744	31,8	6,92	31,1	6,54	0,330
603.685.C4	7,744	34,6	9,27	31,1	6,54	0,330
604.685.C4	7,744	34,6	9,27	27,1	7,03	0,341
605.685.C4	8,274	39,8	9,65	38,4	7,46	0,374



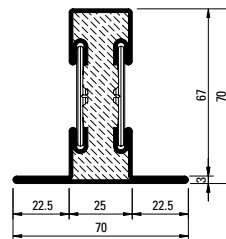
630.010.C4
630.010.C4 Z



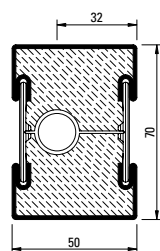
600.006.C4
600.006.C4 Z



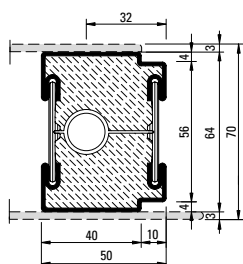
601.635.C4
601.635.C4 Z



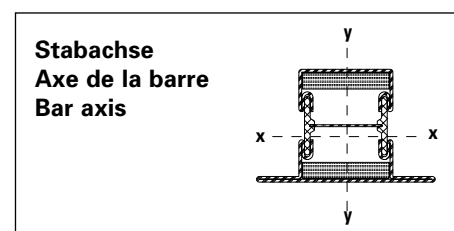
602.635.C4
602.635.C4 Z



600.005.C4
600.005.C4 Z



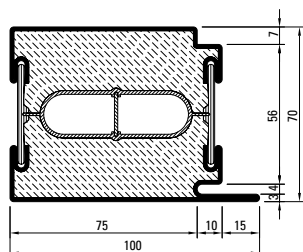
600.010.C4
600.010.C4 Z



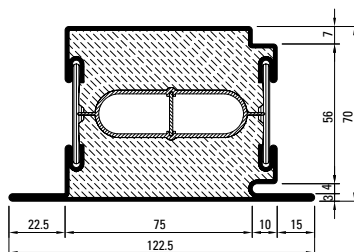
Artikelbibliothek
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DXF

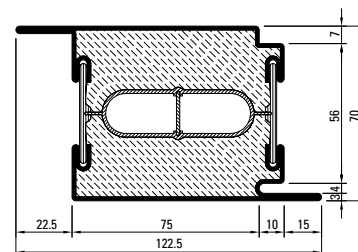
DWG



630.016.C4*
630.016.C4 Z*



630.115.C4*
630.115.C4 Z*

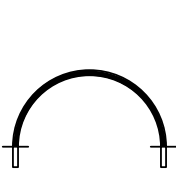
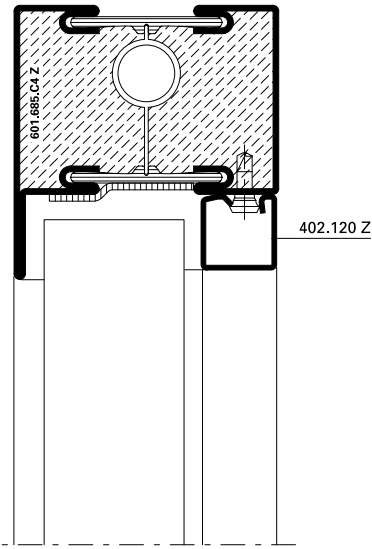
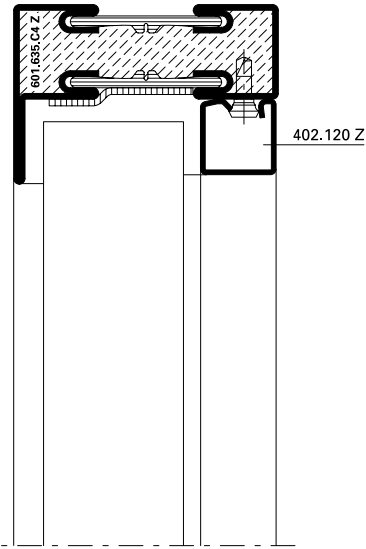
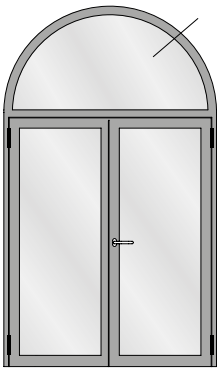


630.417.C4*
630.417.C4 Z*

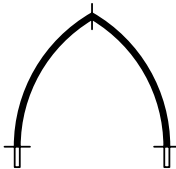
* Länge/Longueur/Length 3 m

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
630.010.C4	4,574	20,1	4,59	4,14	1,63	0,248
600.006.C4	4,204	16,0	4,29	2,76	2,20	0,191
601.635.C4	4,724	20,8	4,82	5,84	1,88	0,235
602.635.C4	5,240	24,3	5,13	10,1	2,88	0,291
600.005.C4	6,704	23,1	6,17	14,6	5,84	0,241
600.010.C4	6,064	18,6	5,44	13,1	5,17	0,237

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
630.016.C4	10,310	37,18	8,92	61,05	11,63	0,368
630.115.C4	10,830	41,19	9,18	79,58	12,42	0,412
630.417.C4	10,830	43,71	11,62	79,58	12,42	0,412



Halbrundbogen
Arc semi-circulaire
Semi-circular arch



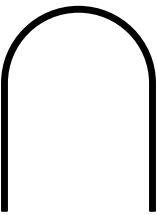
Spitzbogen
Arc en ogive
Gothic arch



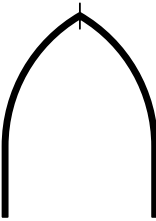
Stichbogen
Arc bombé
Segmented arch



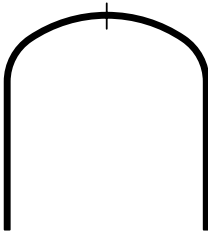
Korbbogen
Anse de panier
Oval arch



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 C4 EI60 / EI90
 Janisol C4 EI60 / EI90
 Janisol C4 EI60 / EI90

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

← R



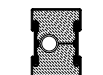
600.006.C4 Z	600 mm
600.005.C4 Z	1250 mm

← R



601.635.C4 Z	600 mm
601.685.C4 Z	1300 mm

← R



602.685.C4 Z	1550 mm
--------------	---------

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

← R



630.010.C4 Z	600 mm
630.013.C4 Z	2050 mm

← R



630.114.C4 Z	2050 mm
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← R



630.416.C4 Z	2050 mm
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Stahl-Glasleisten Parcloles en acier Steel glazing beads	Min. Radius Rayon min. Min. radius R
--	---



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!

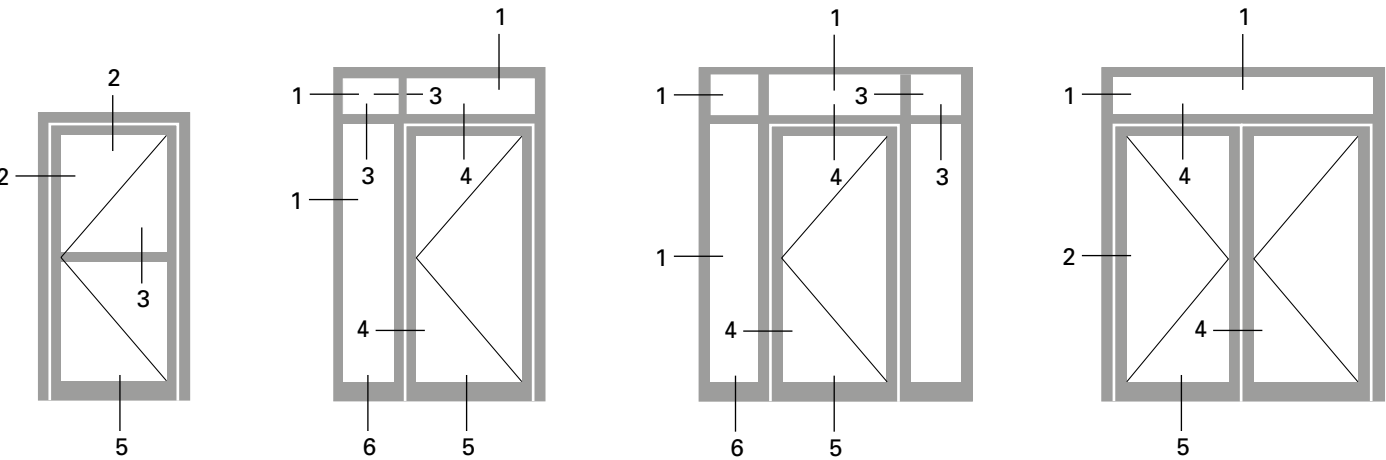
Die Radien-Angaben beziehen sich auf die langjährige Erfahrung und Fertigung im Hause Jansen.

Profilés acier Inox sur demande!

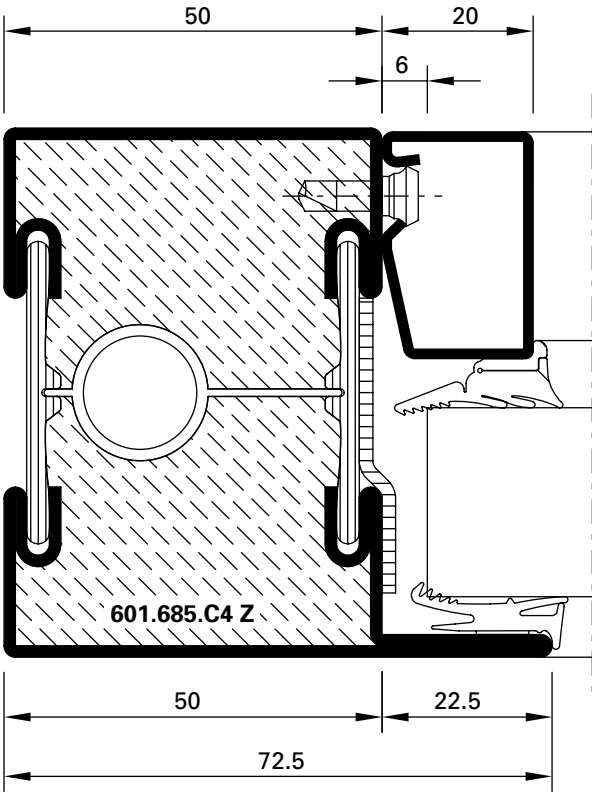
Les rayons indiqués se fondent sur la longue expérience et la fabrication au sein de la maison Jansen.

Stainless steel profiles on request!

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

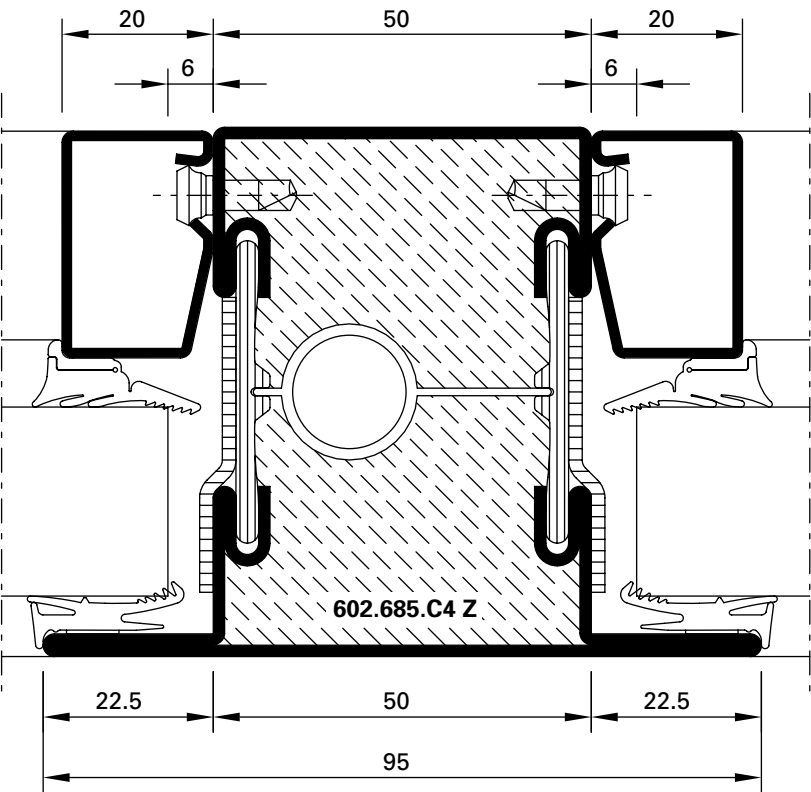


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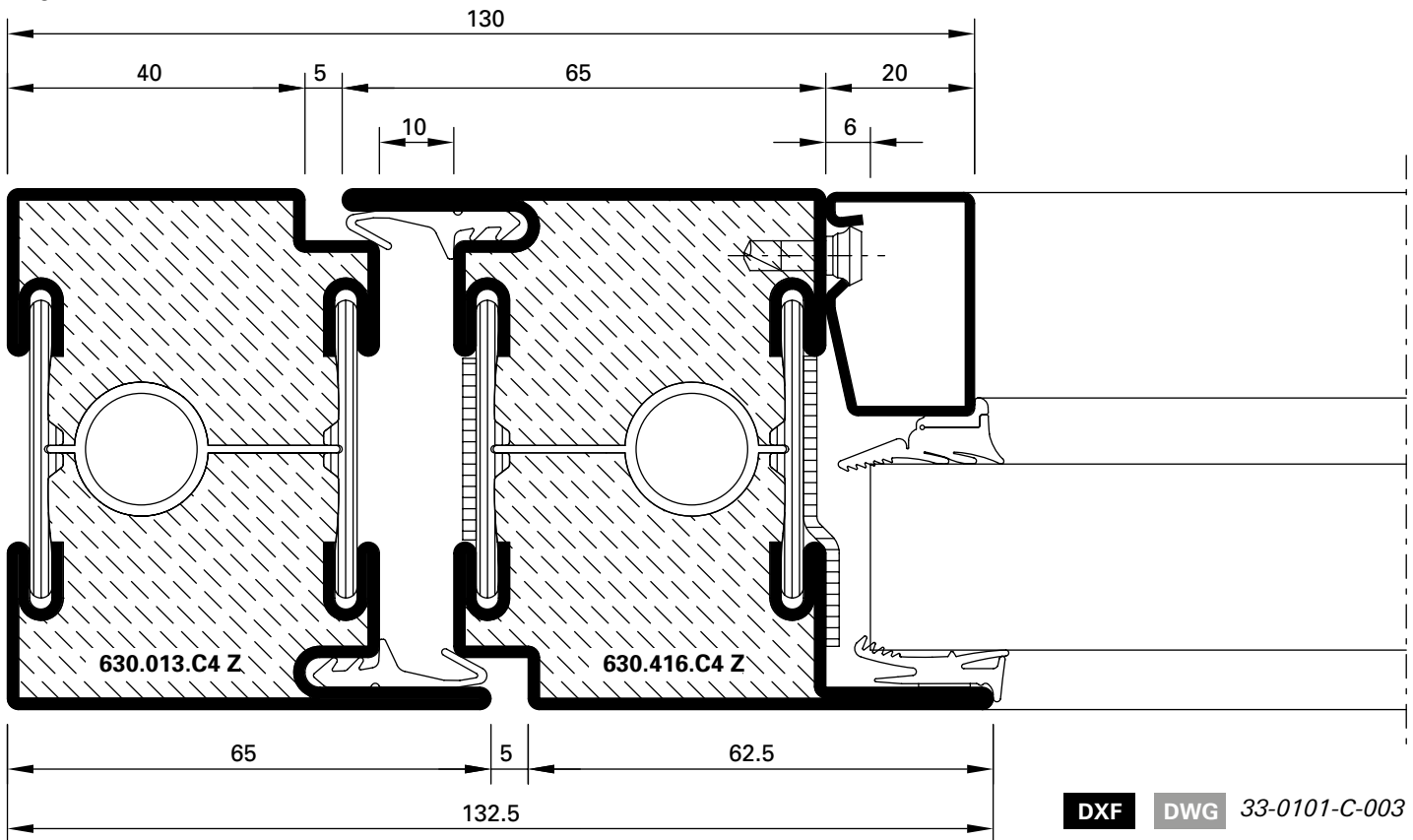
DXF DWG 33-0101-C-001

3.0

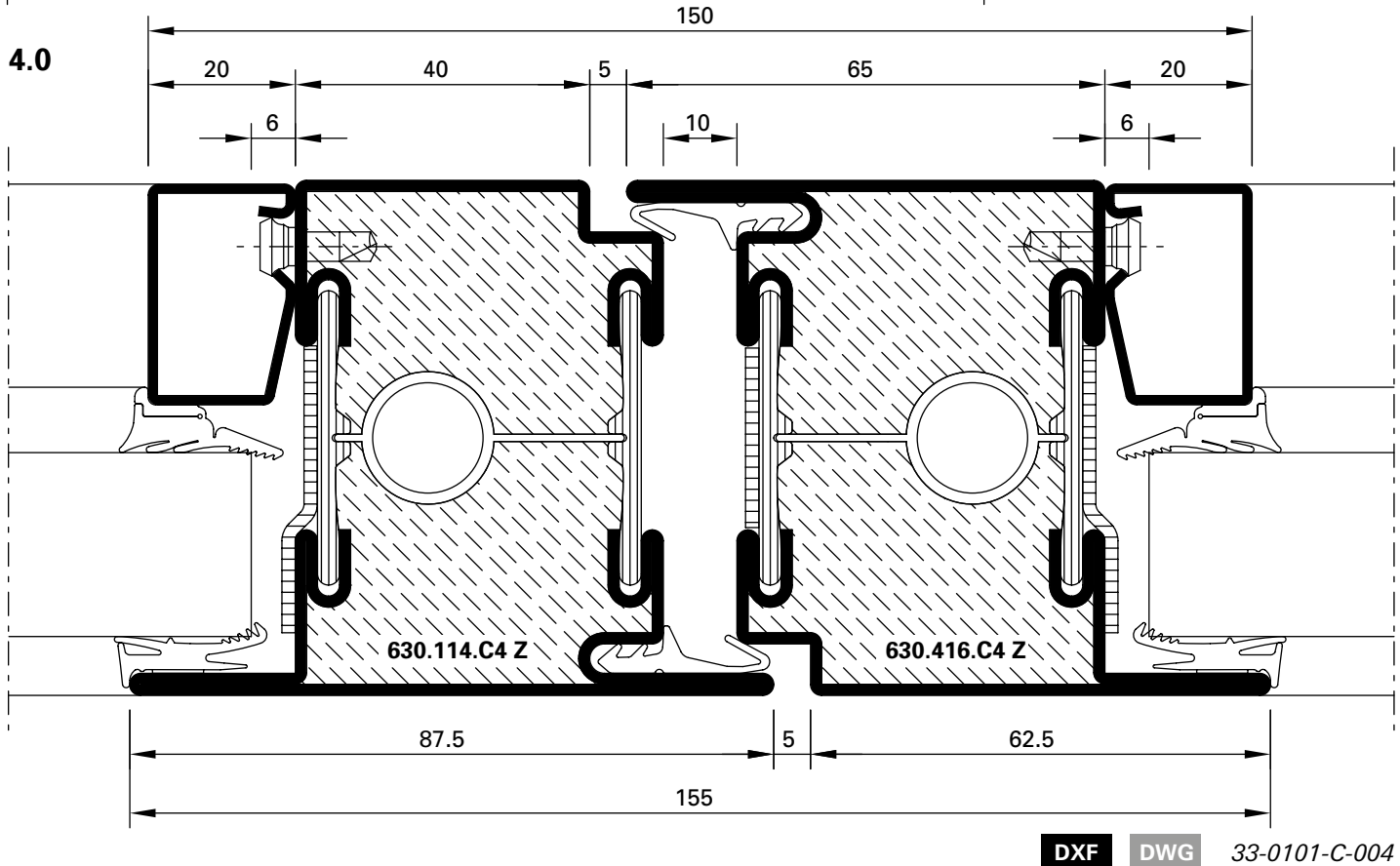


DXF DWG 33-0101-C-002

2.0

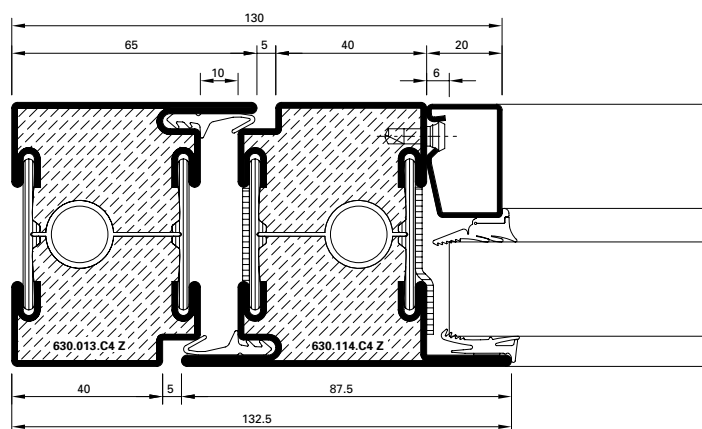


4.0



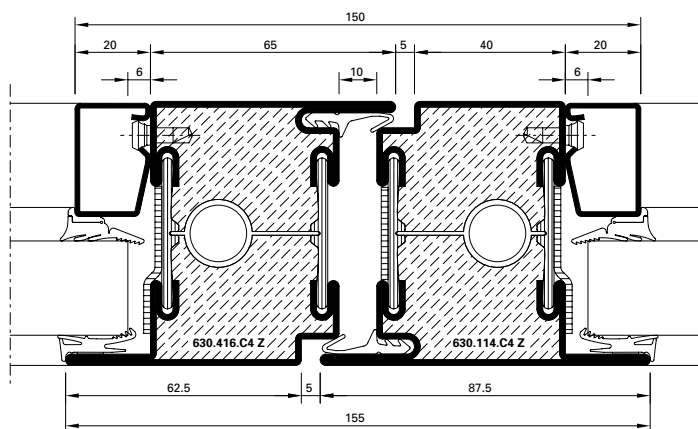


2.1



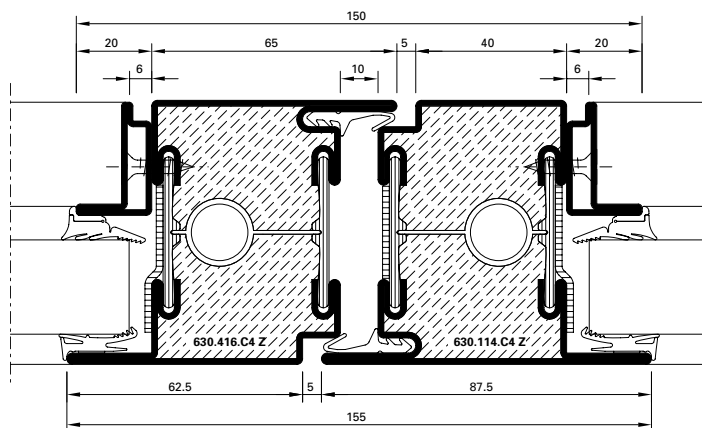
DXF **DWG** 33-0101-C-005

4.1



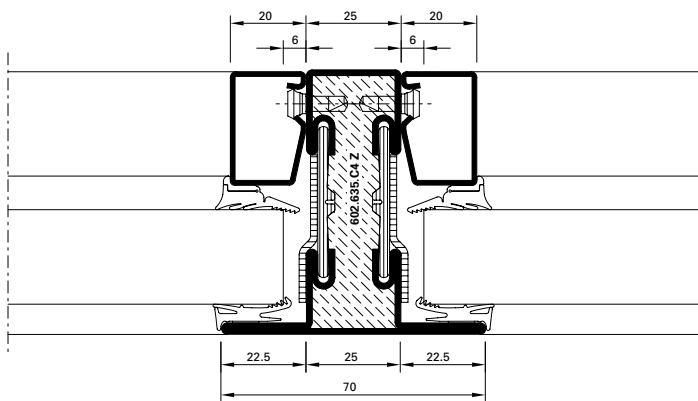
DXF **DWG** 33-0101-C-006

4.2



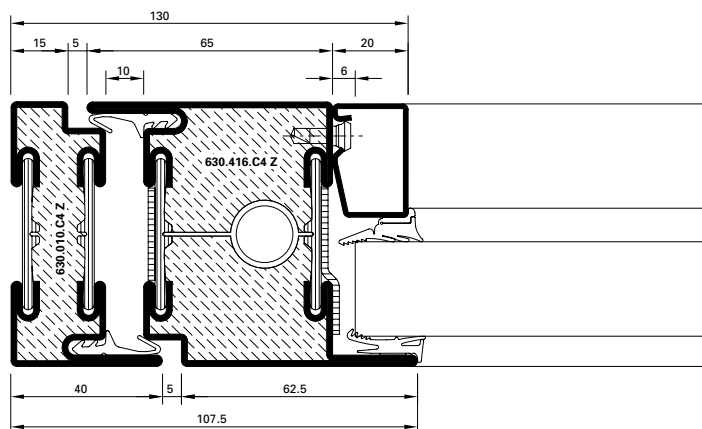
DXF **DWG** 33-0101-C-007

3.1



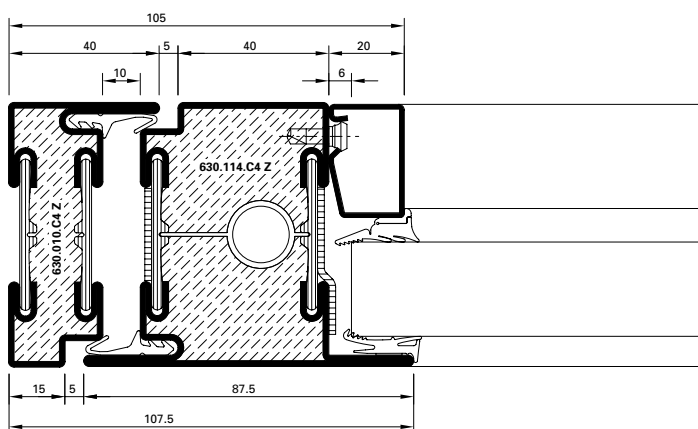
DXF **DWG** 33-0101-C-014

2.2

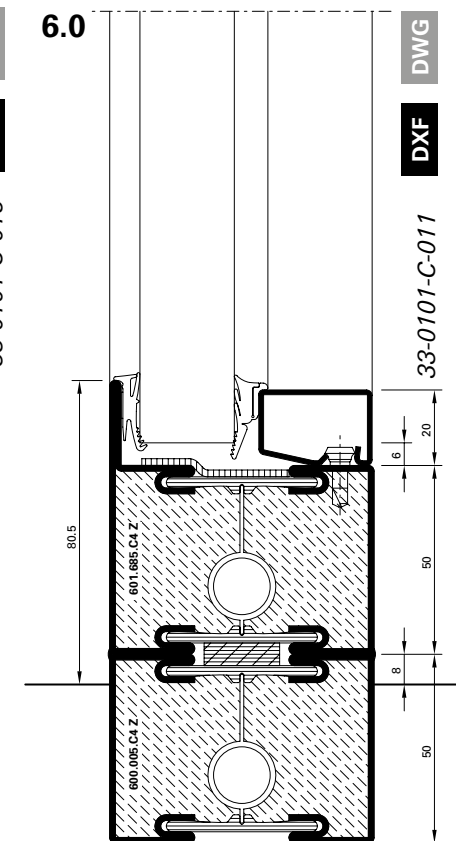
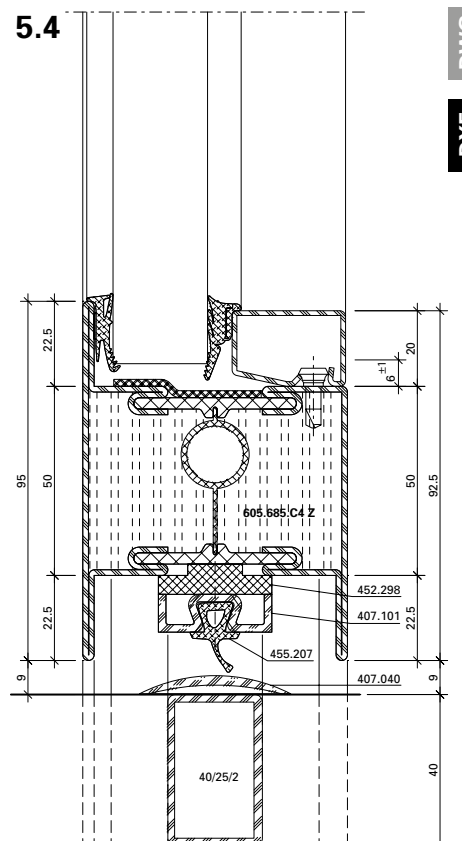
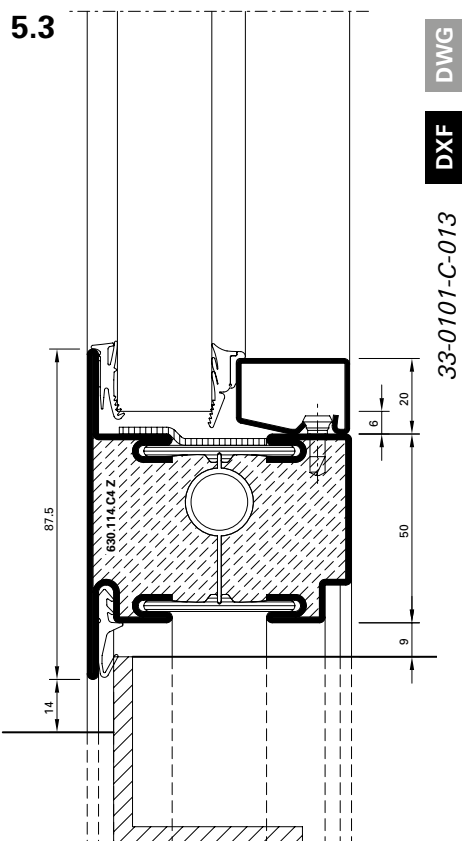
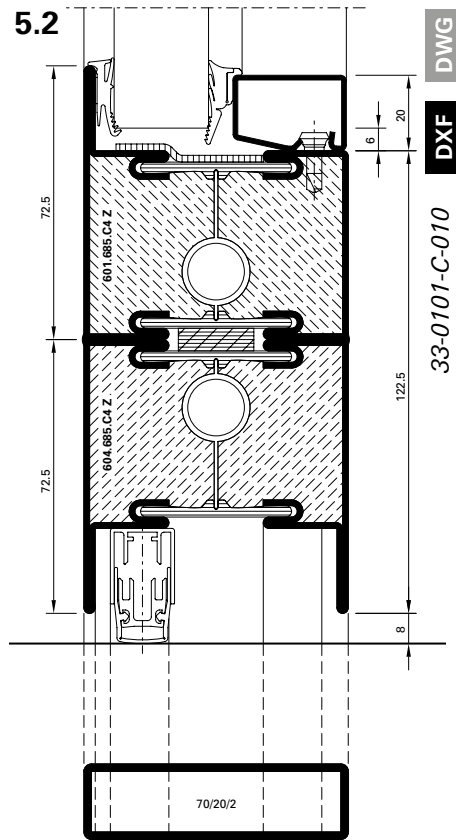
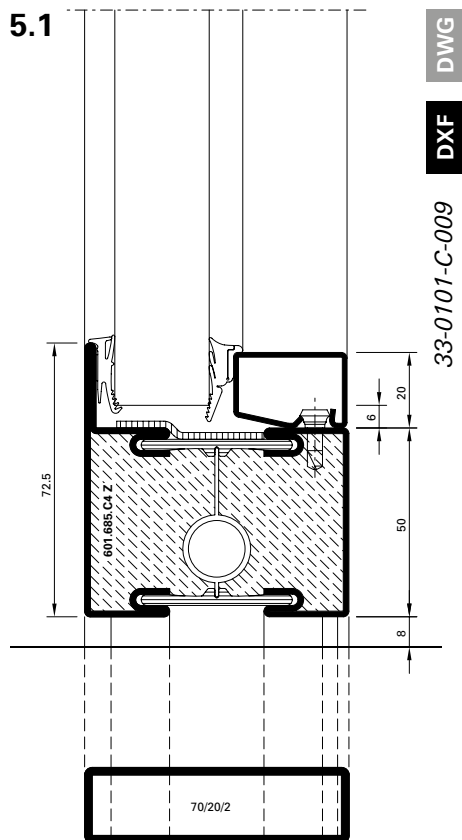
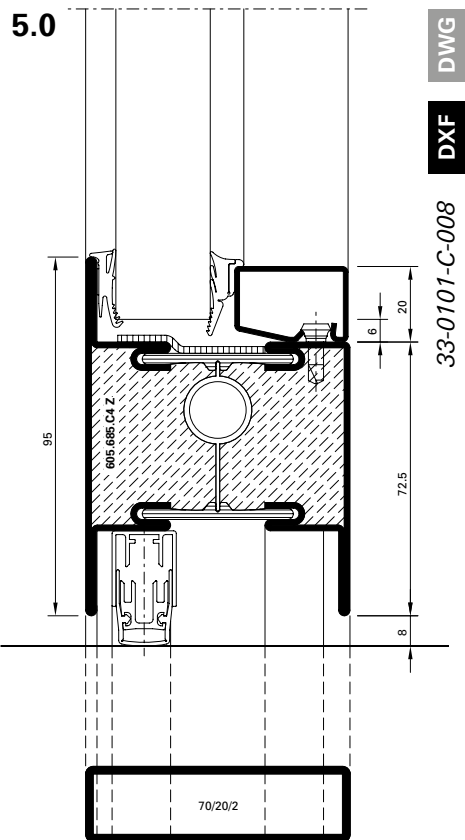


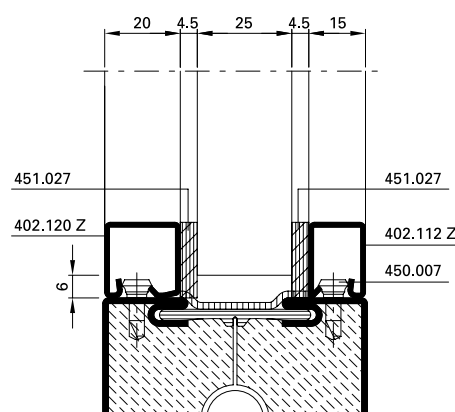
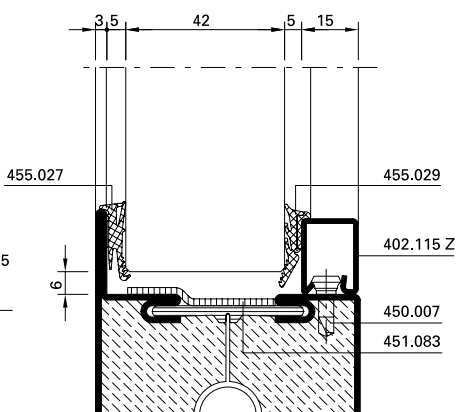
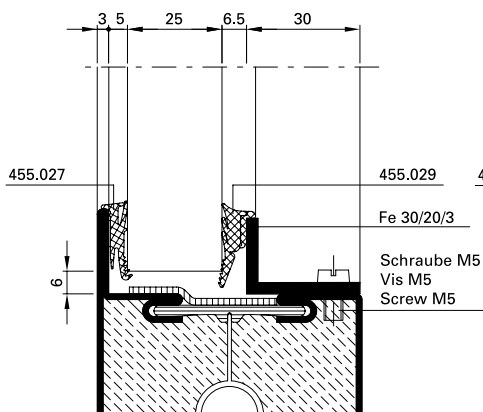
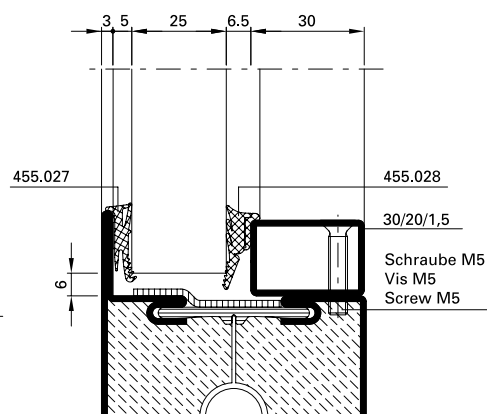
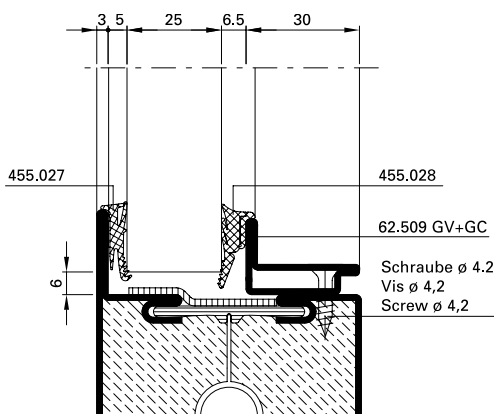
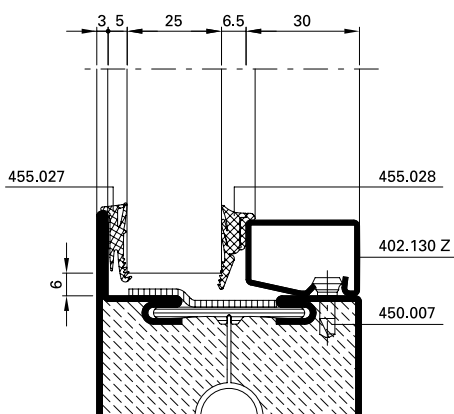
DXF **DWG** 33-0201-C-016

2.3



DXF **DWG** 33-0201-C-015

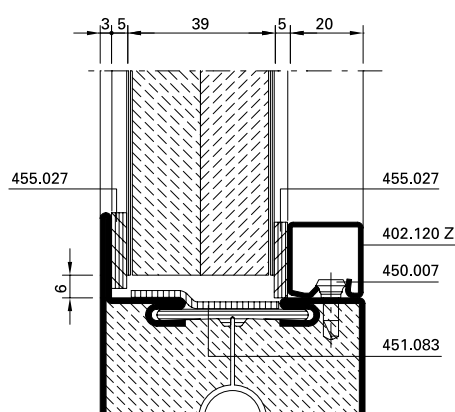
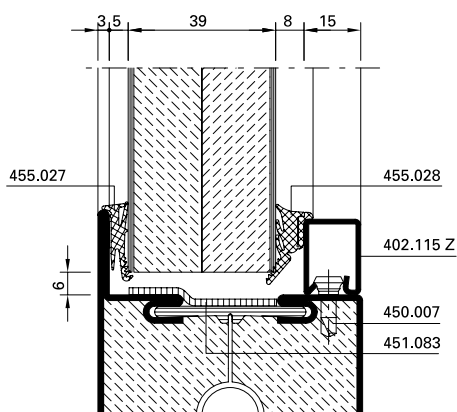
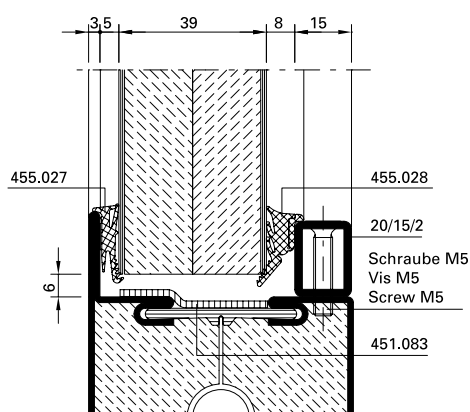




Promatect H
Tür oder Festverglasung
Porte ou vitrage fixe
Door or fixed glazing

Promatect H
Tür oder Festverglasung
Porte ou vitrage fixe
Door or fixed glazing

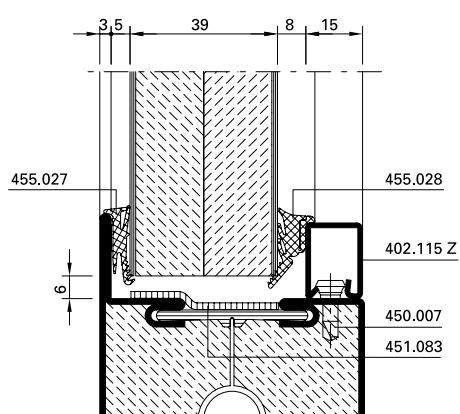
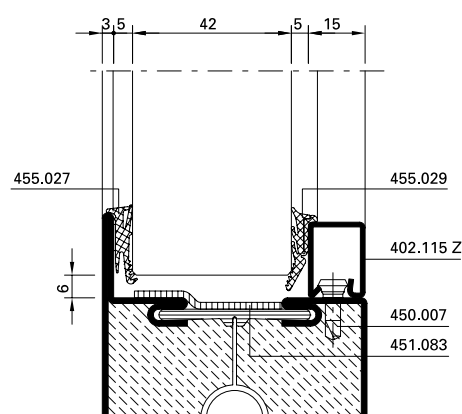
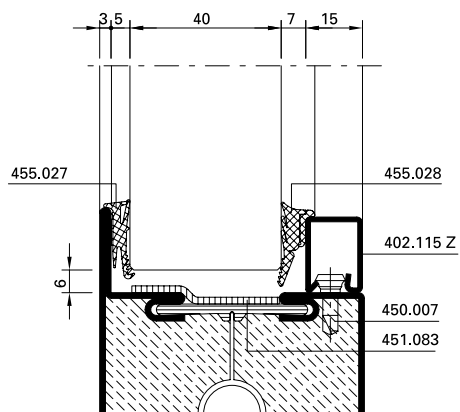
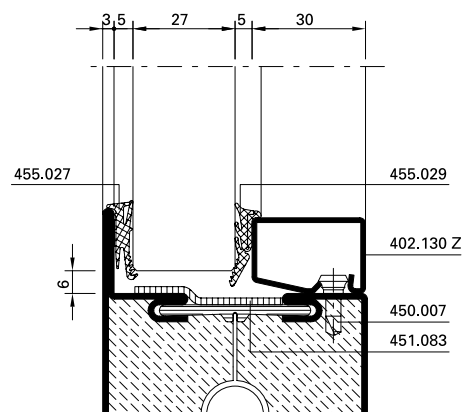
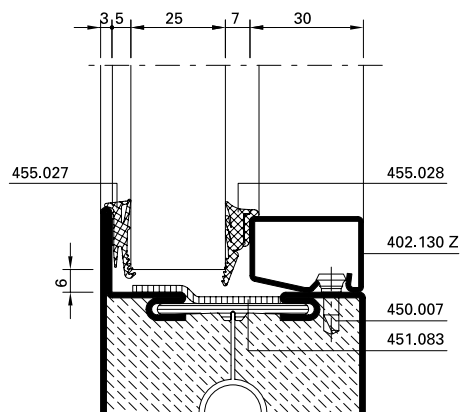
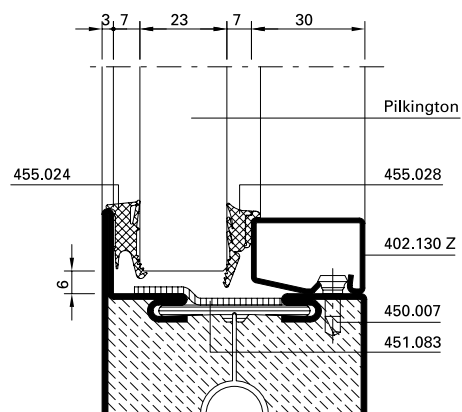
Promatect H
Tür oder Festverglasung
Porte ou vitrage fixe
Door or fixed glazing

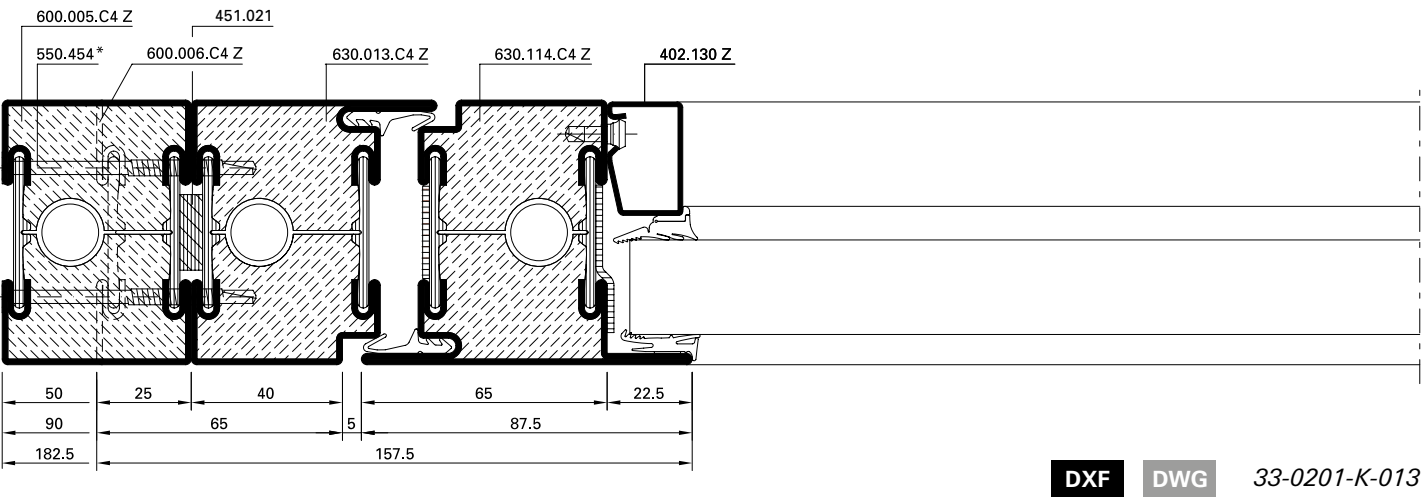
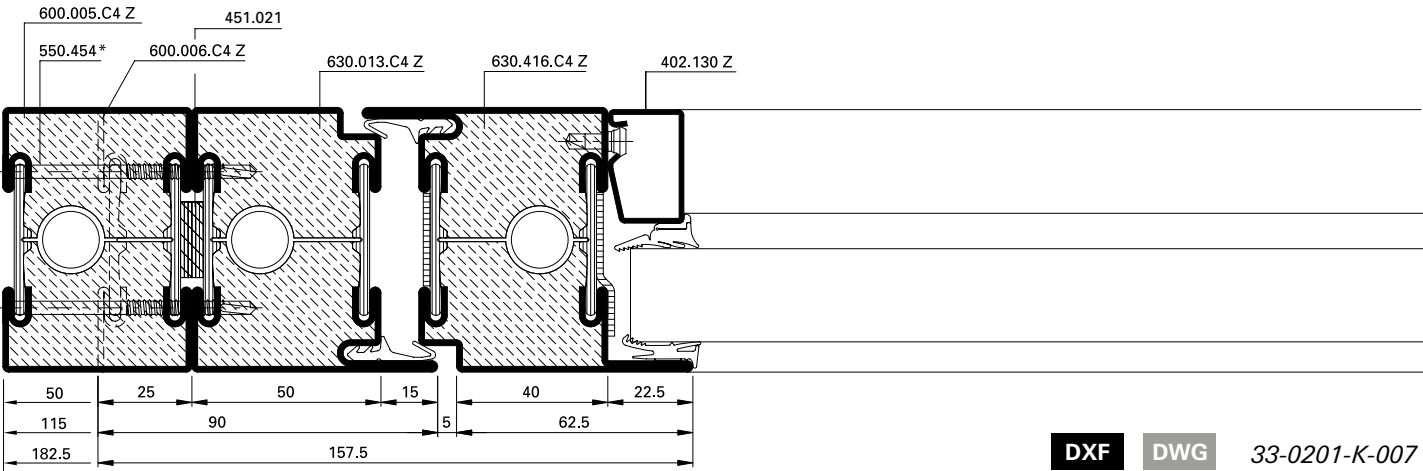


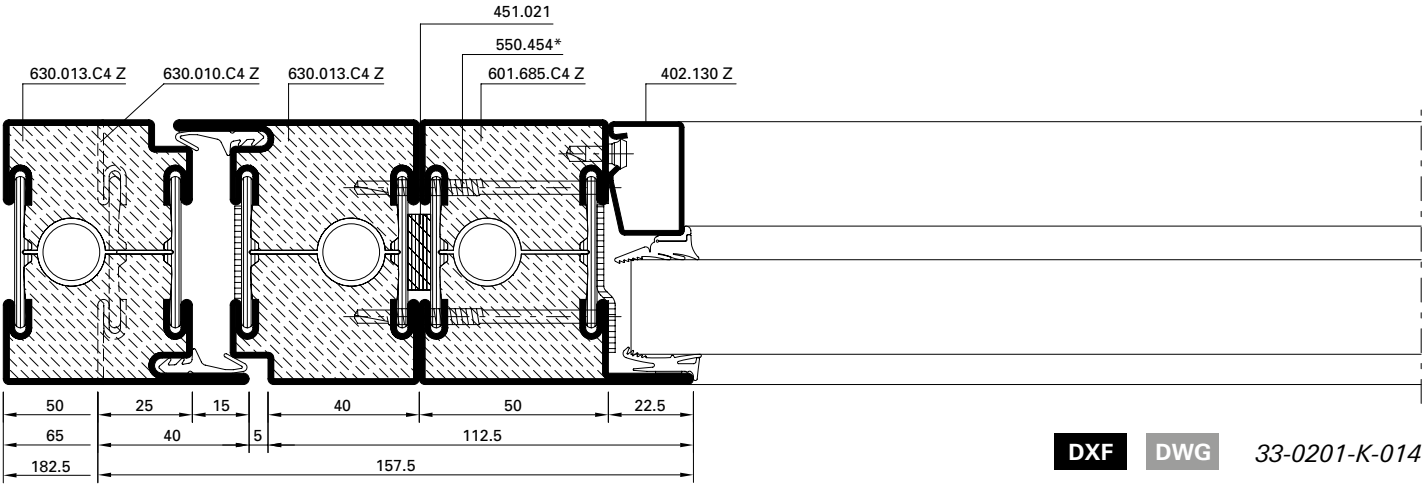
Bedingt durch verschiedene Toleranzen (Profile, Glasleisten, Anordnung Befestigungsknöpfe, Glasdichtungen resp. Papierfaserbänder und Glaselemente) empfehlen wir, die Wahl der Papierfaserbänder resp. Glasdichtungen vorgängig an einem Element zu prüfen.

A cause des différentes tolérances (profilés, parclores, disposition boutons de fixation, joints de vitrage resp. bande de papier et éléments vitrés) nous recommandons d'effectuer un essai préalable avec la bande de fibre de papier resp. joints de vitrage choisie sur un élément.

Owing to variations in the tolerances (profiled sections, glazing beads, layout of bead studs, glazing weatherstrips, paper fibre strips and glazing) it is advisable to check your choice of paper fibre strips resp. glazing weatherstrips on an infill panel beforehand.



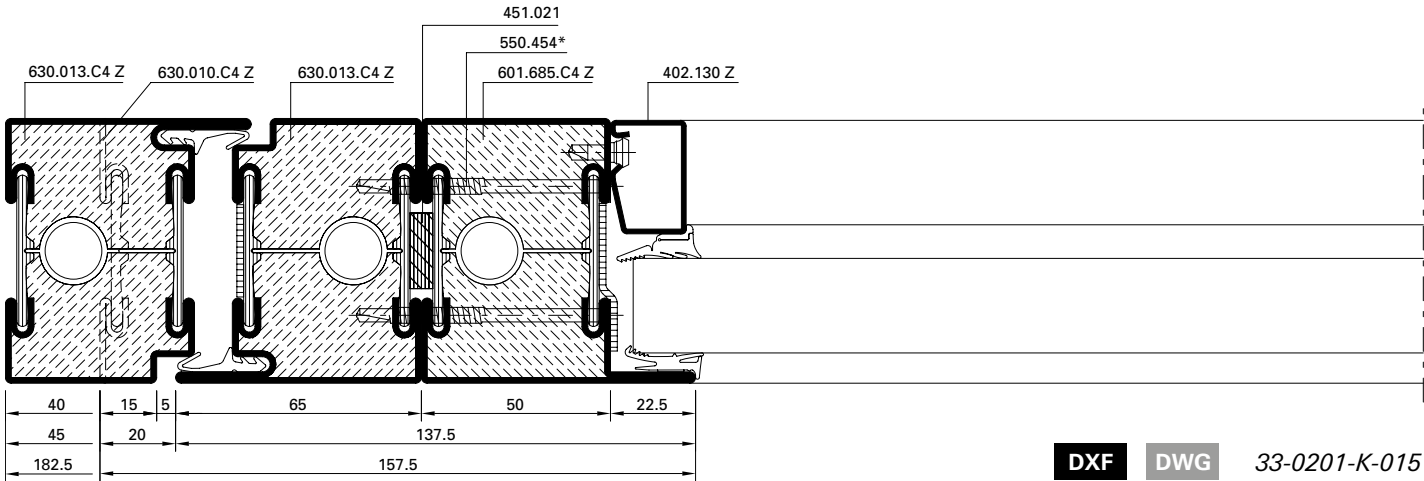




DXF

DWG

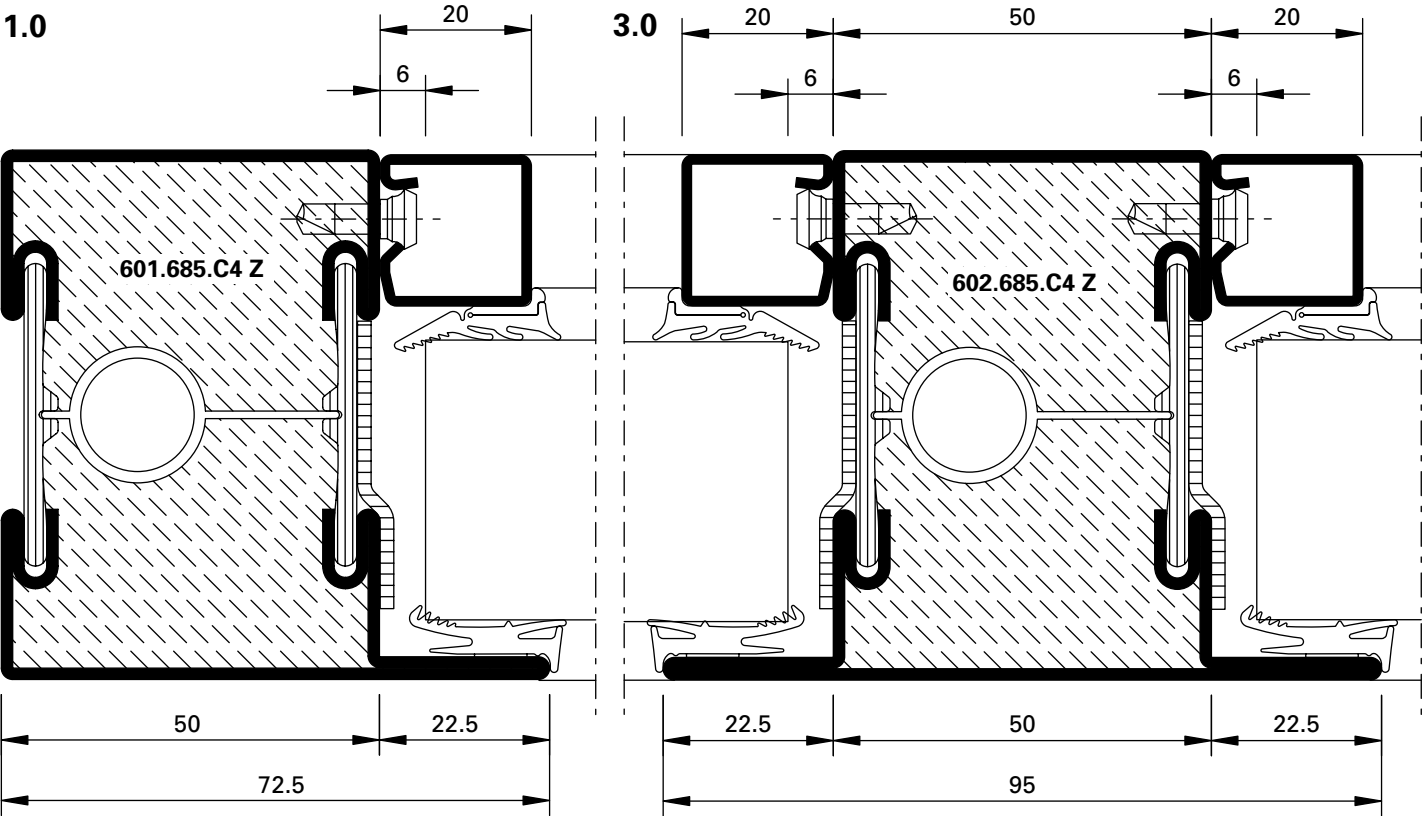
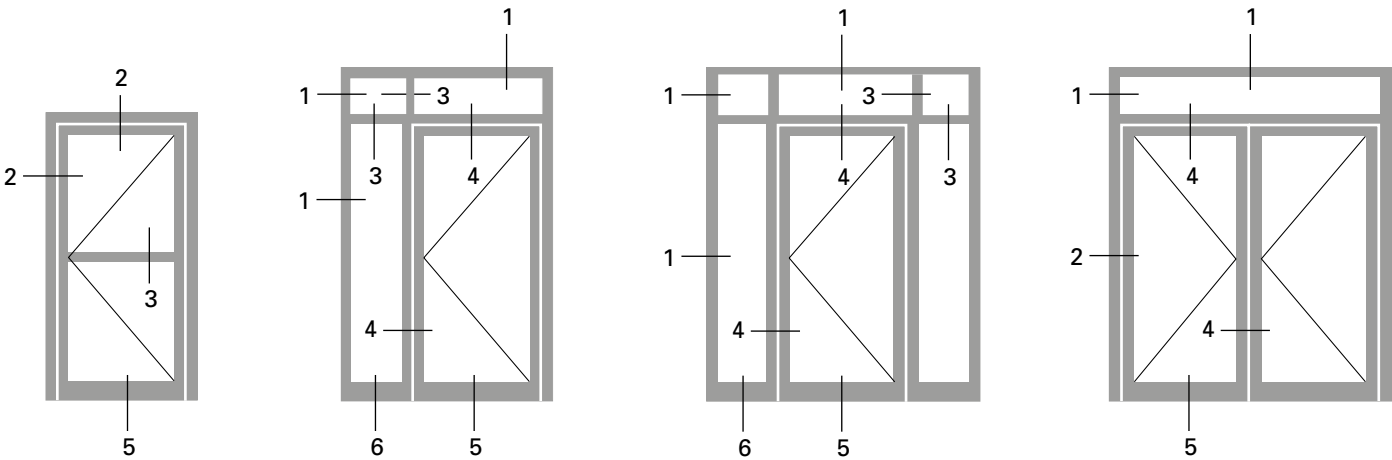
33-0201-K-014

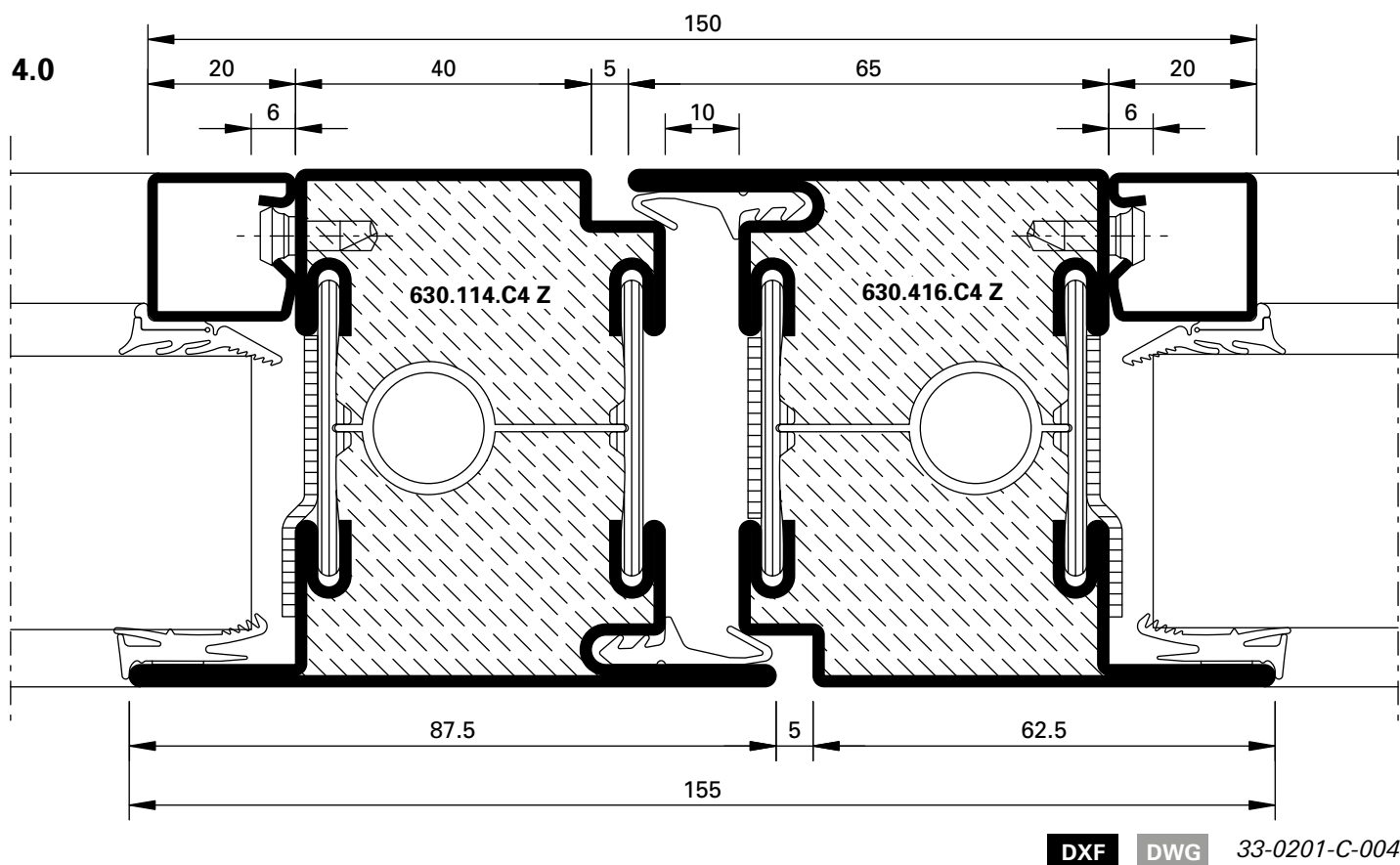
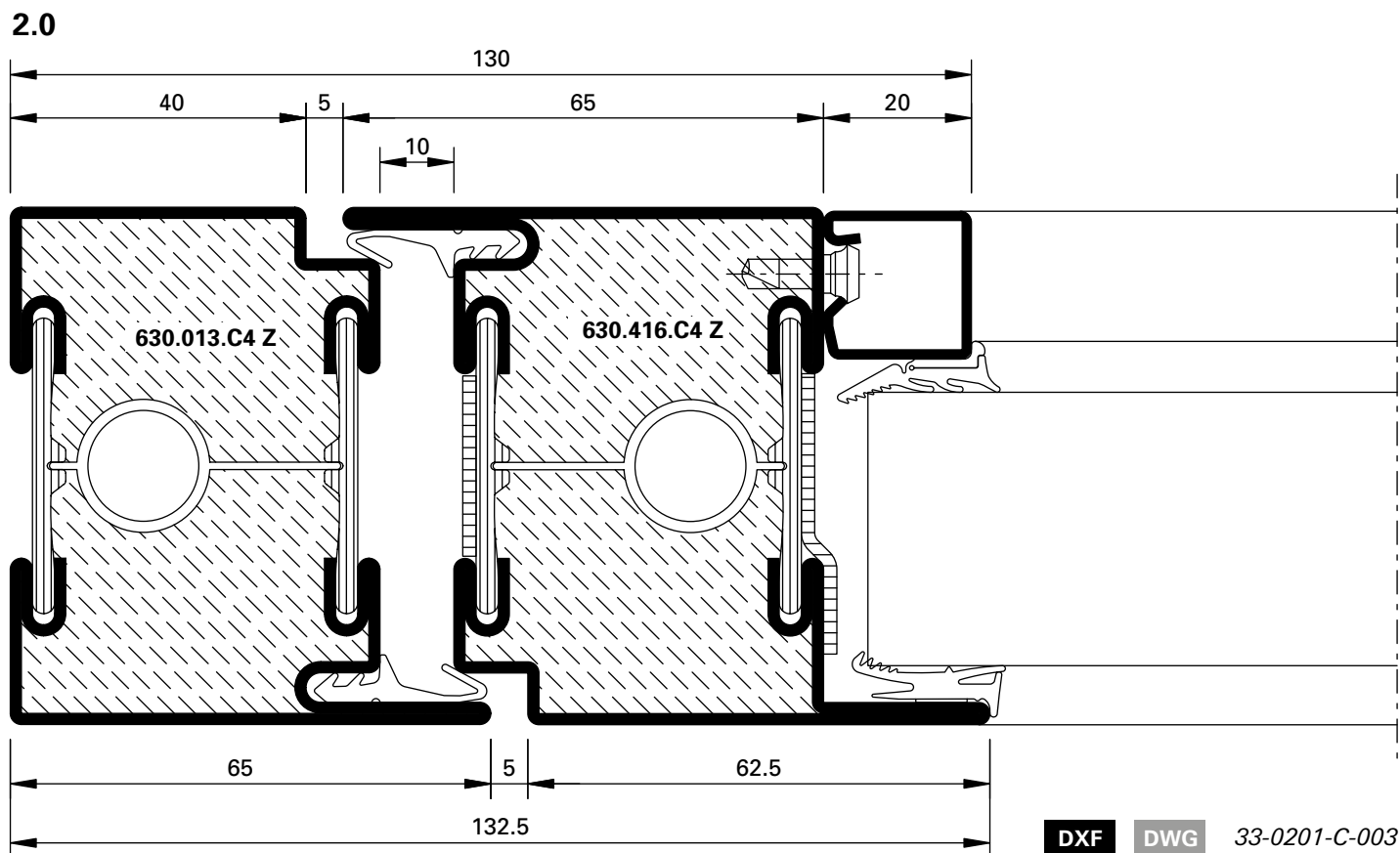


DXF

DWG

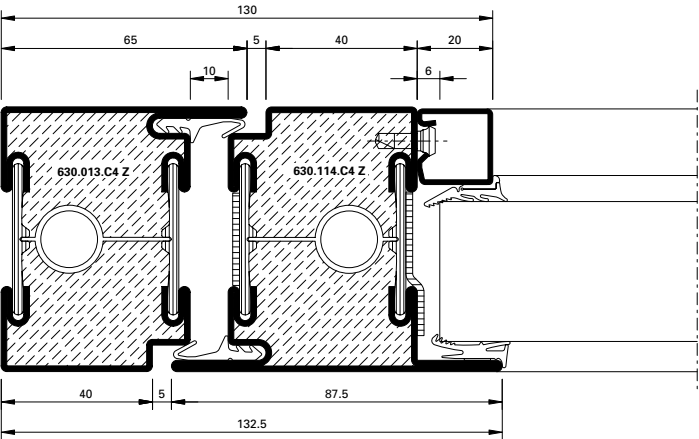
33-0201-K-015





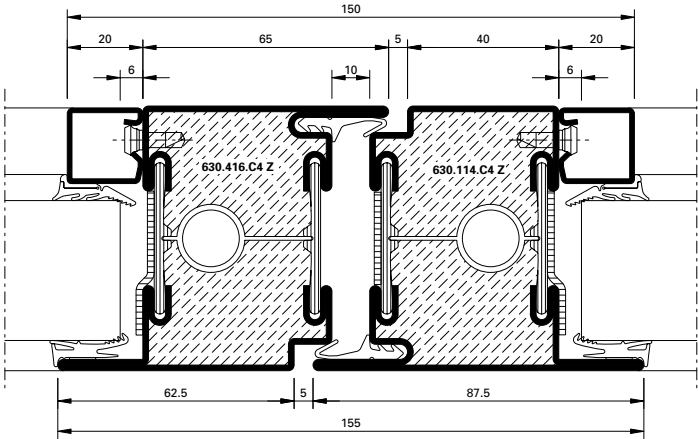


2.1



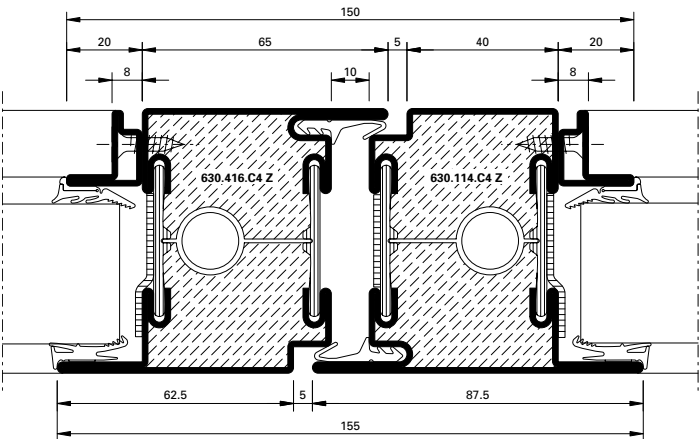
DXF **DWG** 33-0201-C-005

4.1

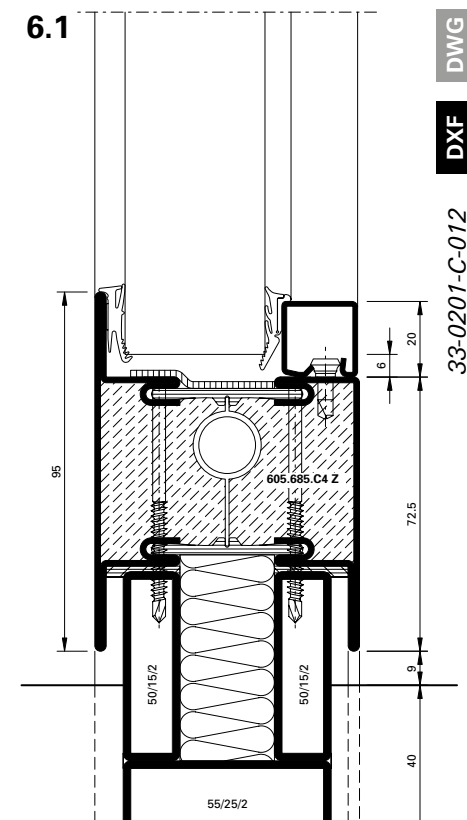
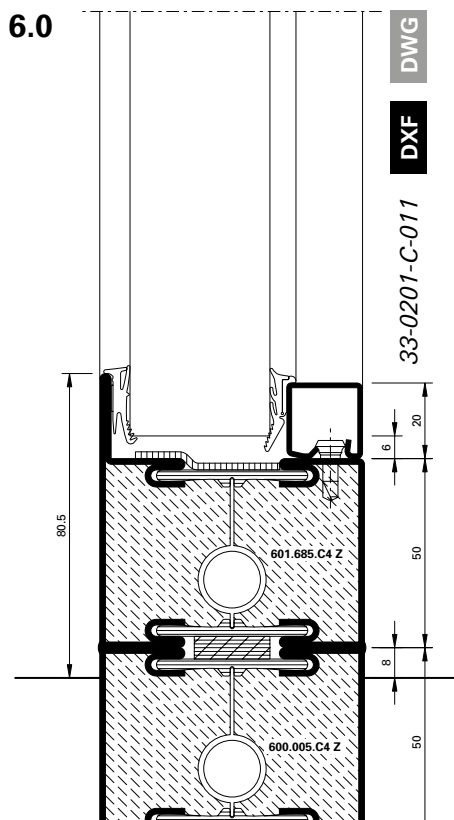
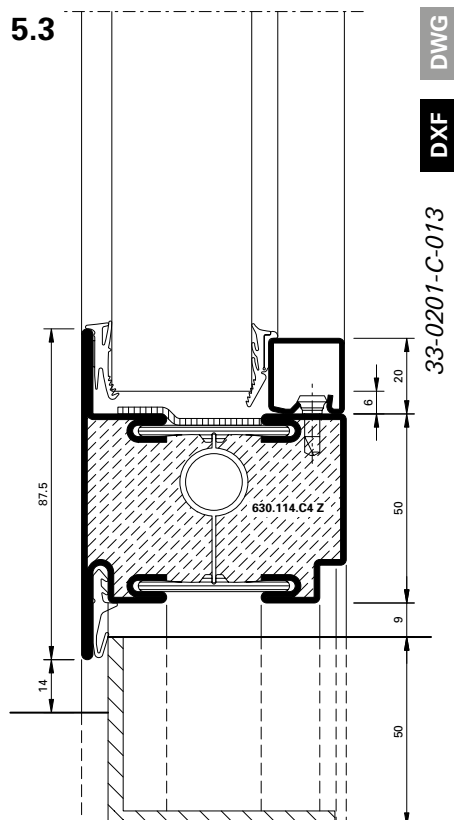
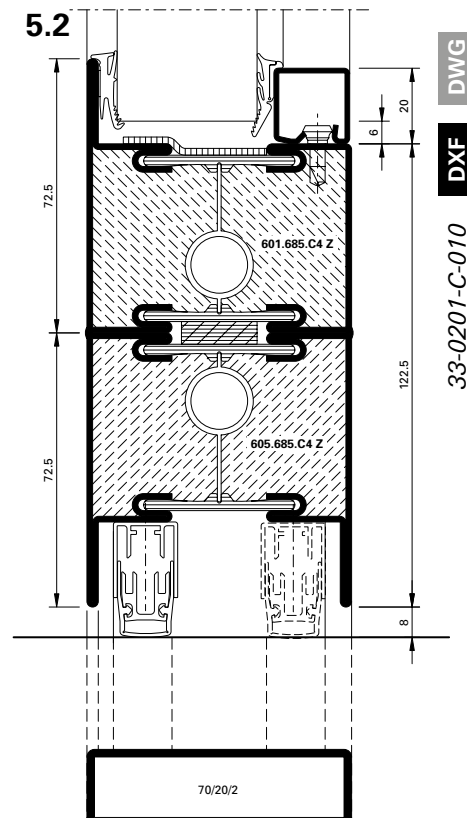
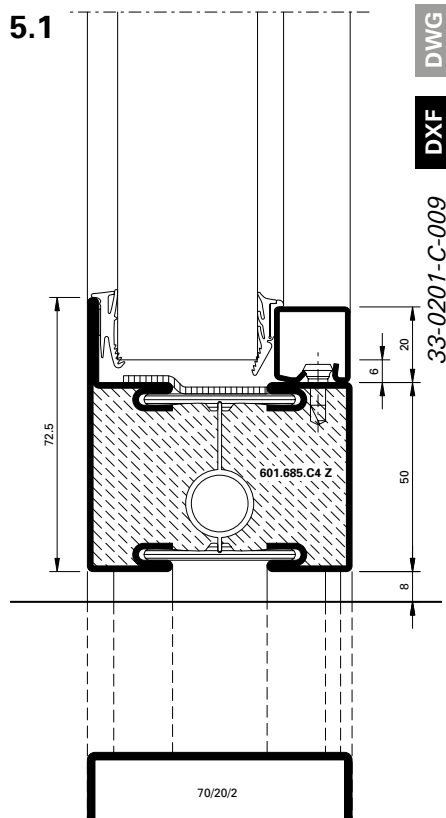
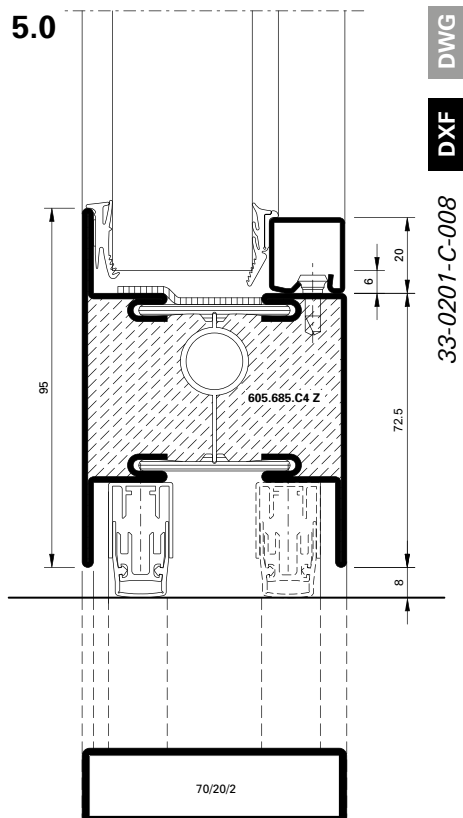


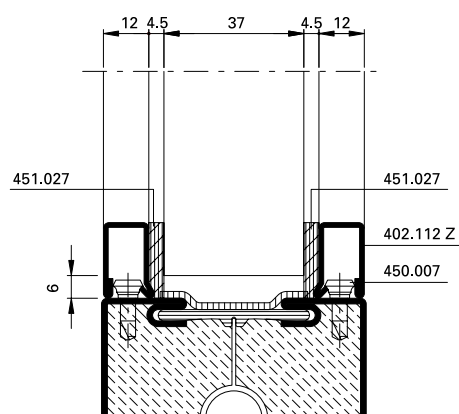
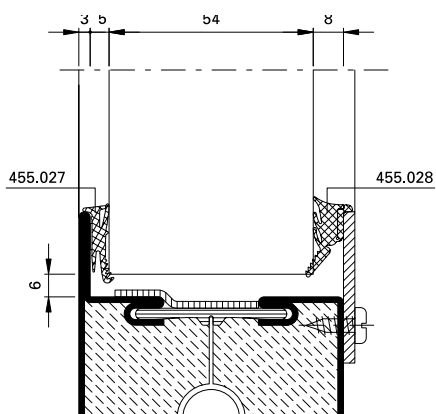
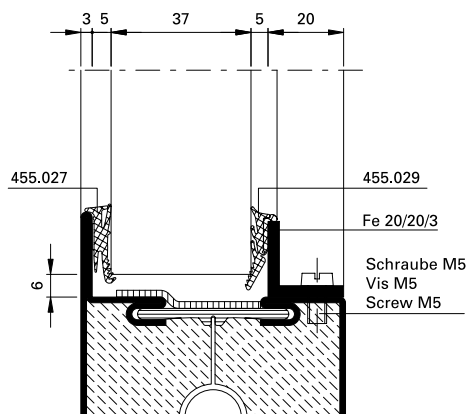
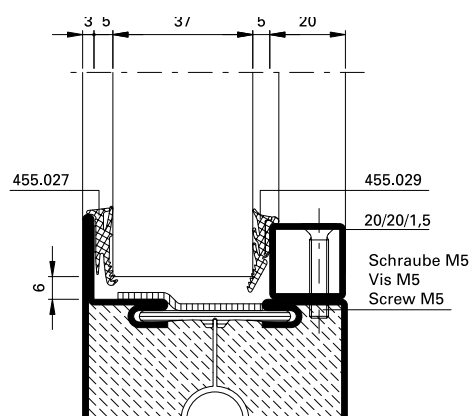
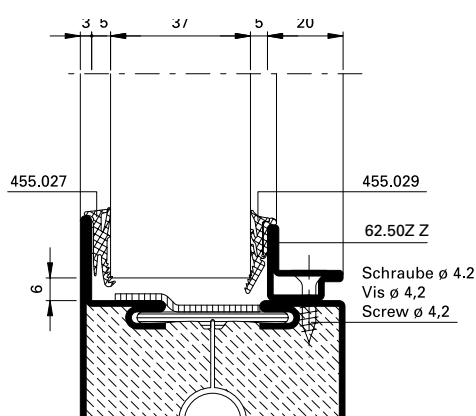
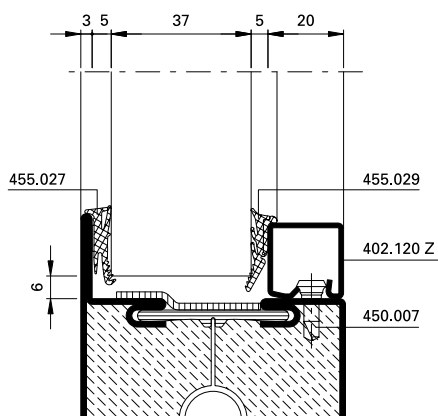
DXF **DWG** 33-0201-C-006

4.2



DXF **DWG** 33-0201-C-007

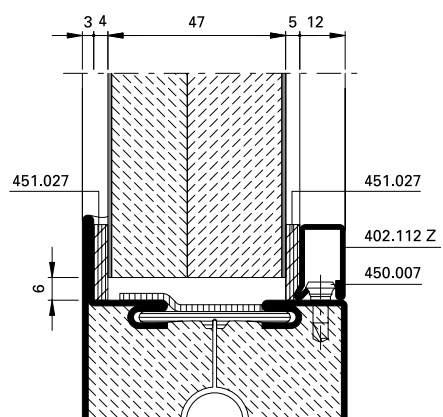
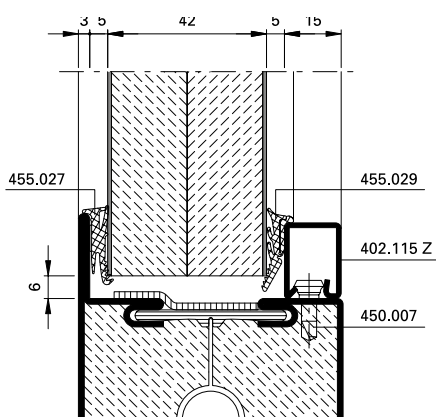
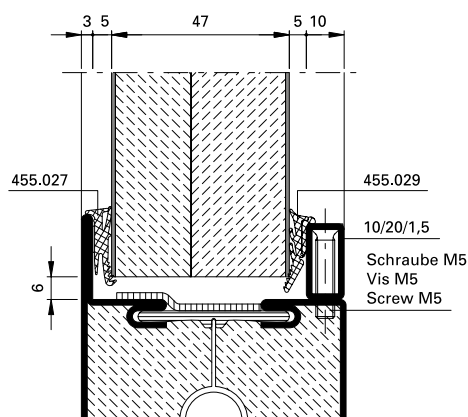




Promatect H
Tür oder Festverglasung
Porte ou vitrage fixe
Door or fixed glazing

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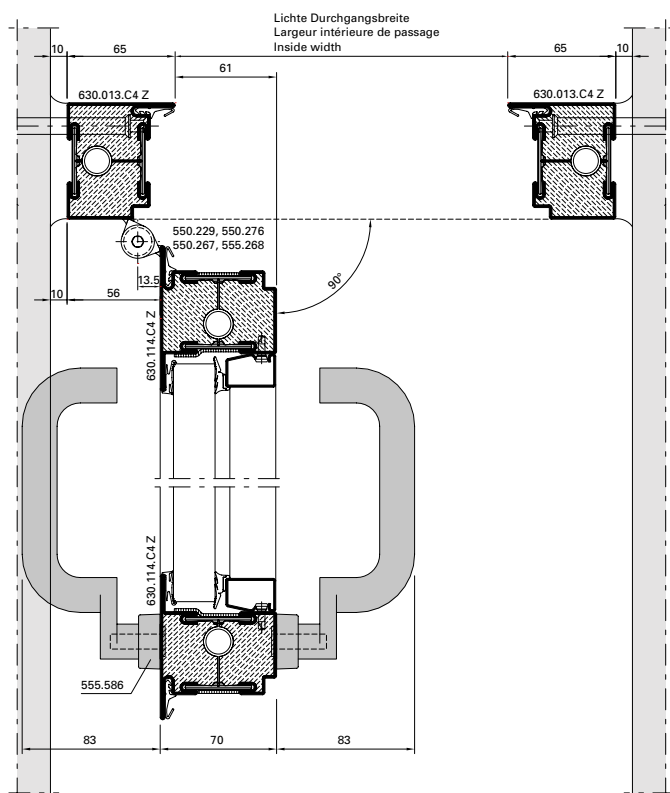
Promatect H
Tür oder Festverglasung
Porte ou vitrage fixe
Door or fixed glazing



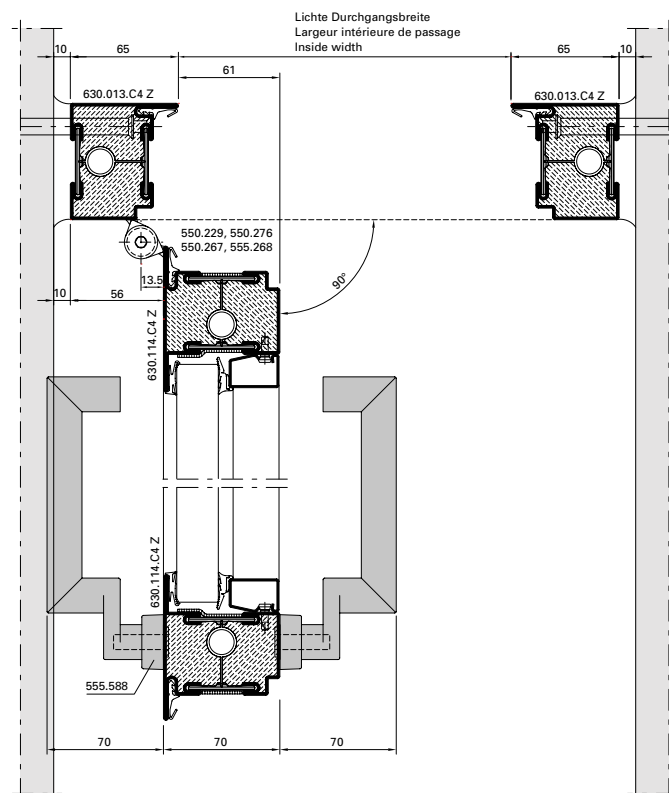
Bedingt durch verschiedene Toleranzen (Profile, Glasleisten, Anordnung Befestigungsknöpfe, Glasdichtungen resp. Papierfaserbänder und Glaselemente) empfehlen wir, die Wahl der Papierfaserbänder resp. Glasdichtungen vorgängig an einem Element zu prüfen.

A cause des différentes tolérances (profilés, parclores, disposition boutons de fixation, joints de vitrage resp. bande de papier et éléments vitrés) nous recommandons d'effectuer un essai préalable avec la bande de fibre de papier resp. joints de vitrage choisie sur un élément.

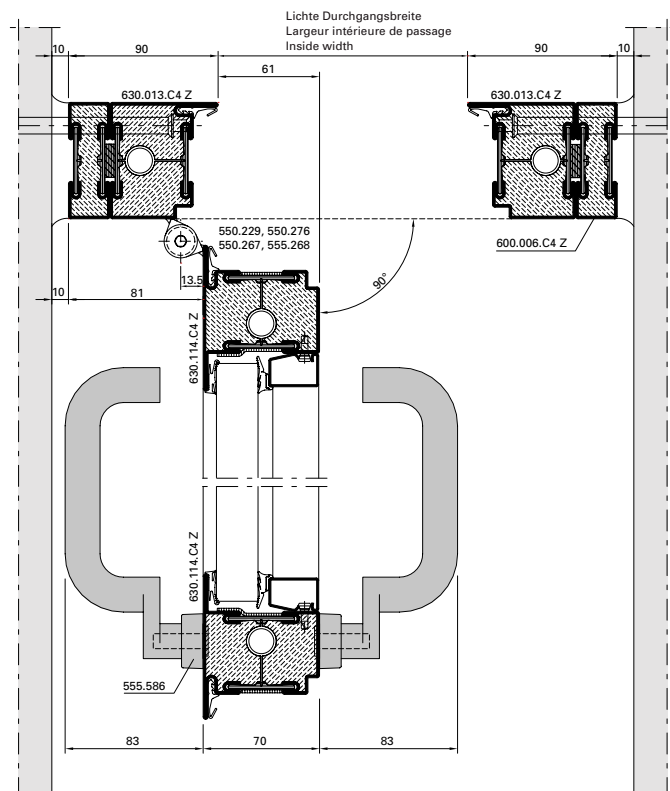
Owing to variations in the tolerances (profiled sections, glazing beads, layout of bead studs, glazing weatherstrips, paper fibre strips and glazing) it is advisable to check your choice of paper fibre strips resp. glazing weatherstrips on an infill panel beforehand.



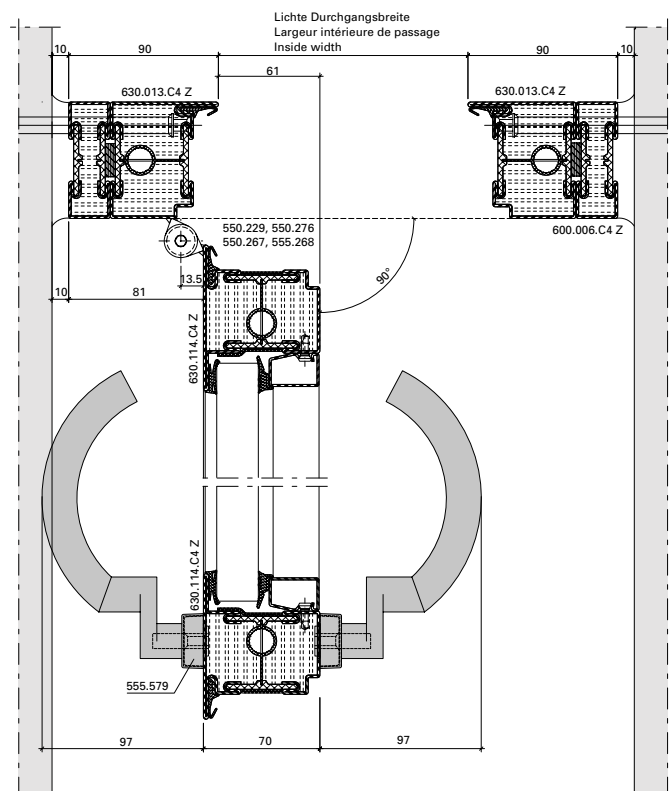
DXF DWG 33-0101-E-003



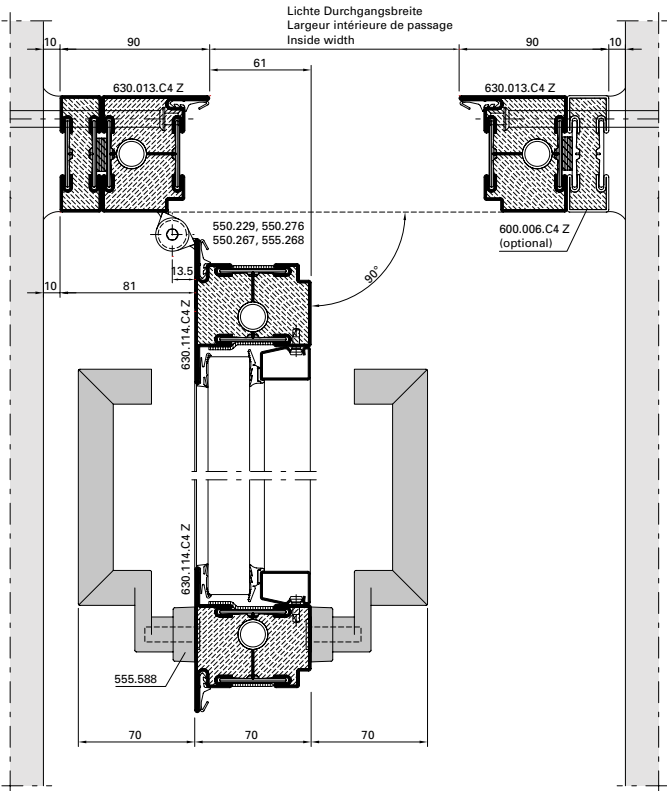
DXF DWG 33-0101-E-004



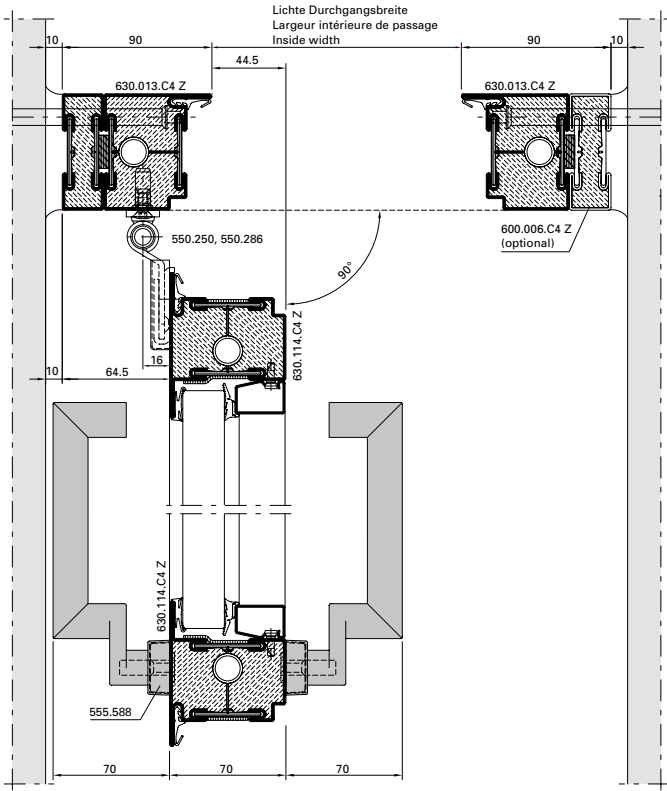
DXF DWG 33-0101-E-005



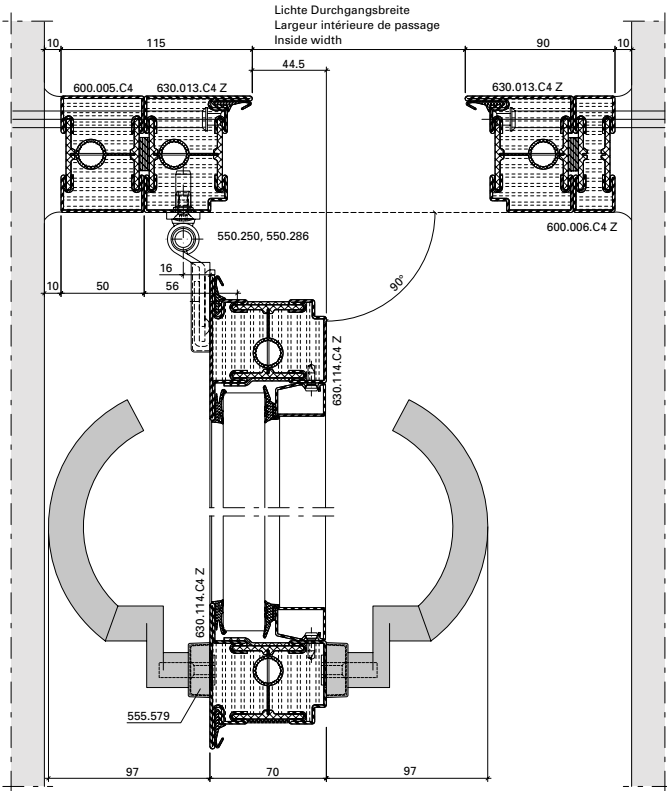
DXF DWG 33-0101-E-006



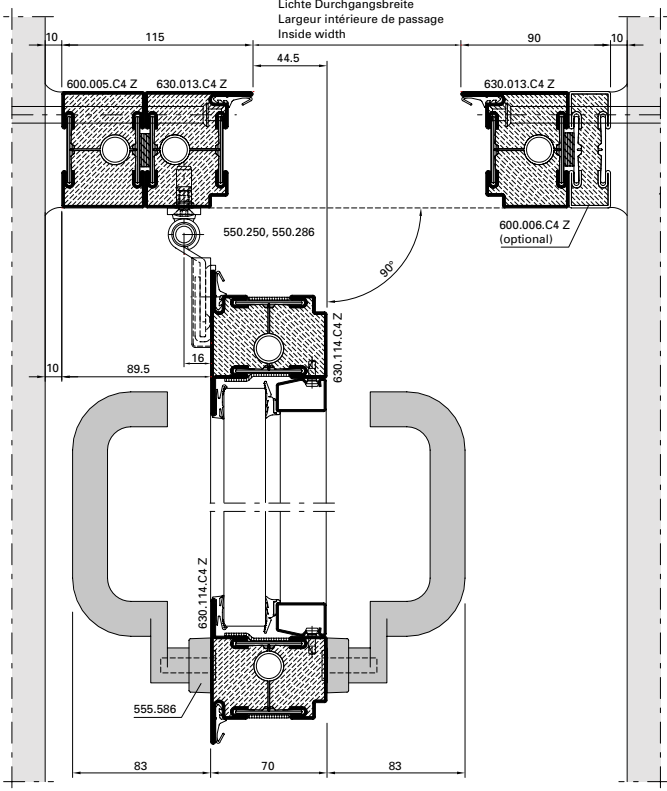
DXF DWG 33-0101-E-007



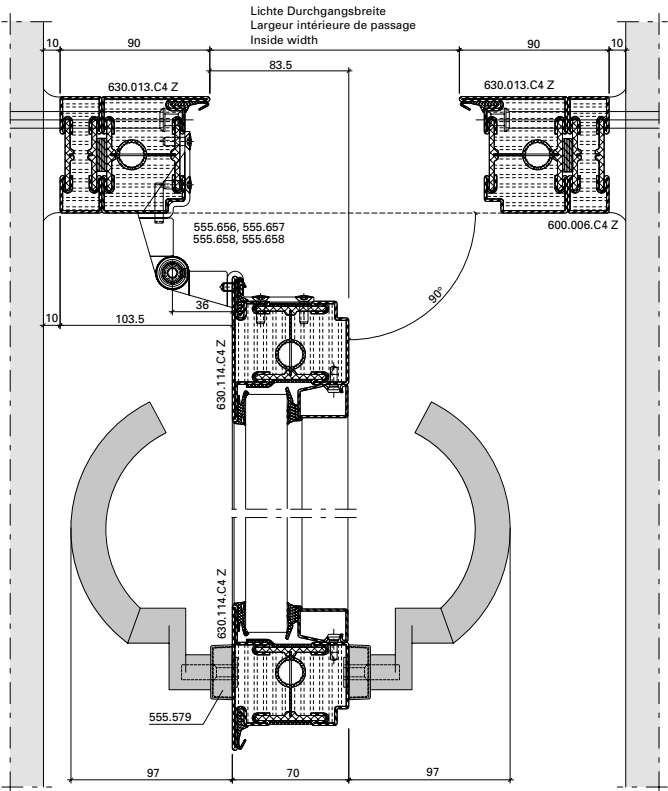
DXF DWG 33-0101-E-008



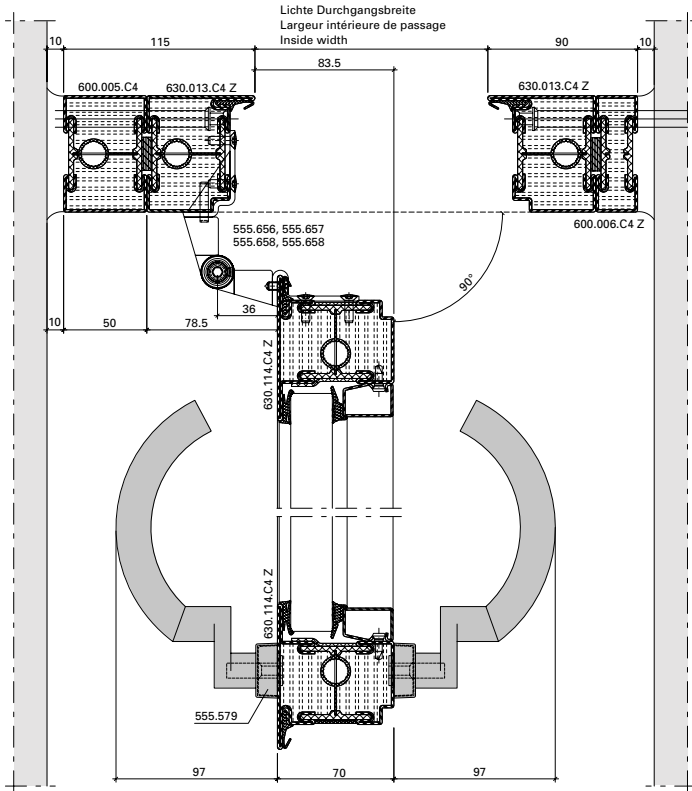
DXF DWG 33-0101-E-009



DXF DWG 33-0101-E-010



DXF DWG 33-0101-E-022

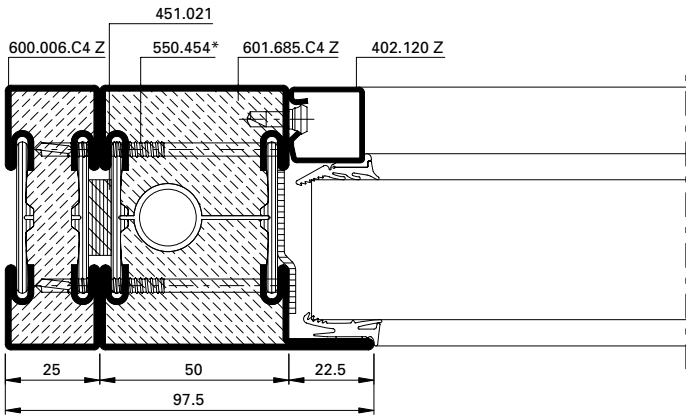
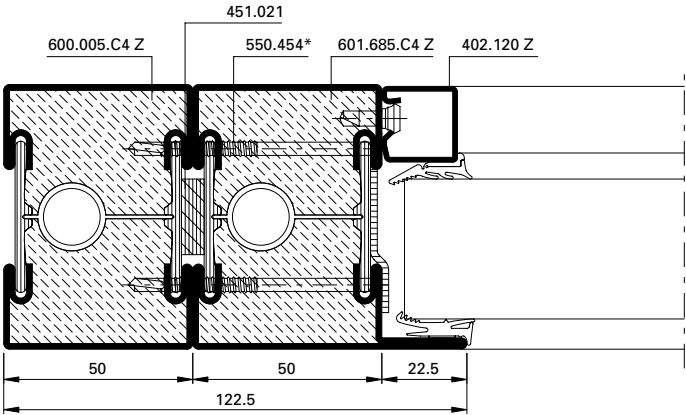


DXF DWG 33-0101-E-021

Detail Rahmen-Verbreiterung

Détail élargissement du cadre

Detail enlargement of frame



DXF

DWG

33-0201-K-001

DXF

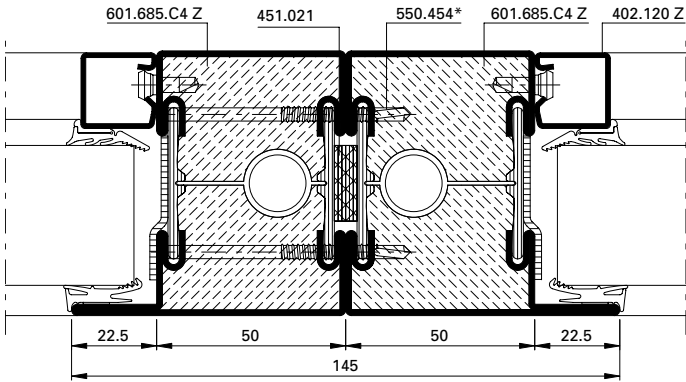
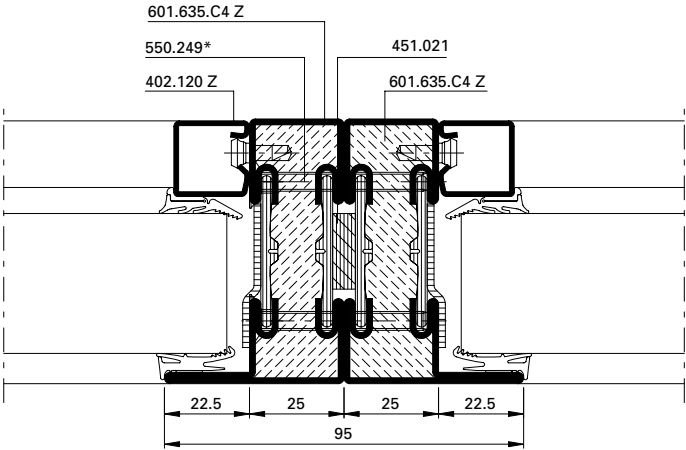
DWG

33-0201-K-002

Detail Elementstoss
Pfosten-Verbreiterung

Détail jonction des éléments
élargissement du montant

Junction detail
enlargement of mullion



DXF

DWG

33-0201-K-003

DXF

DWG

33-0201-K-004

* Schrauben-Abstand ≤ 500 mm

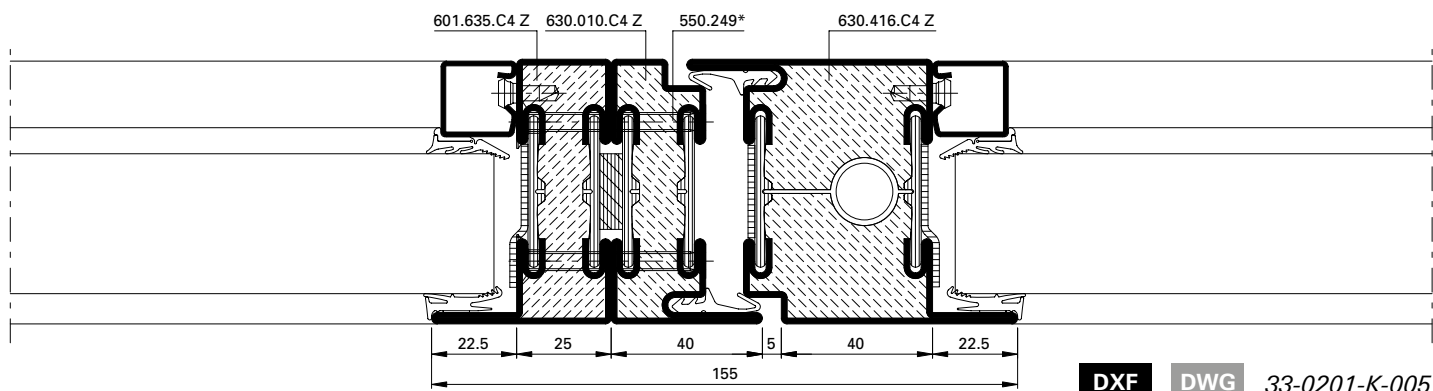
* Distance des vis ≤ 500 mm

* Screw distance ≤ 500 mm

Elementstoss Türe - Festverglasung

Détail jonction porte - vitrage fixe

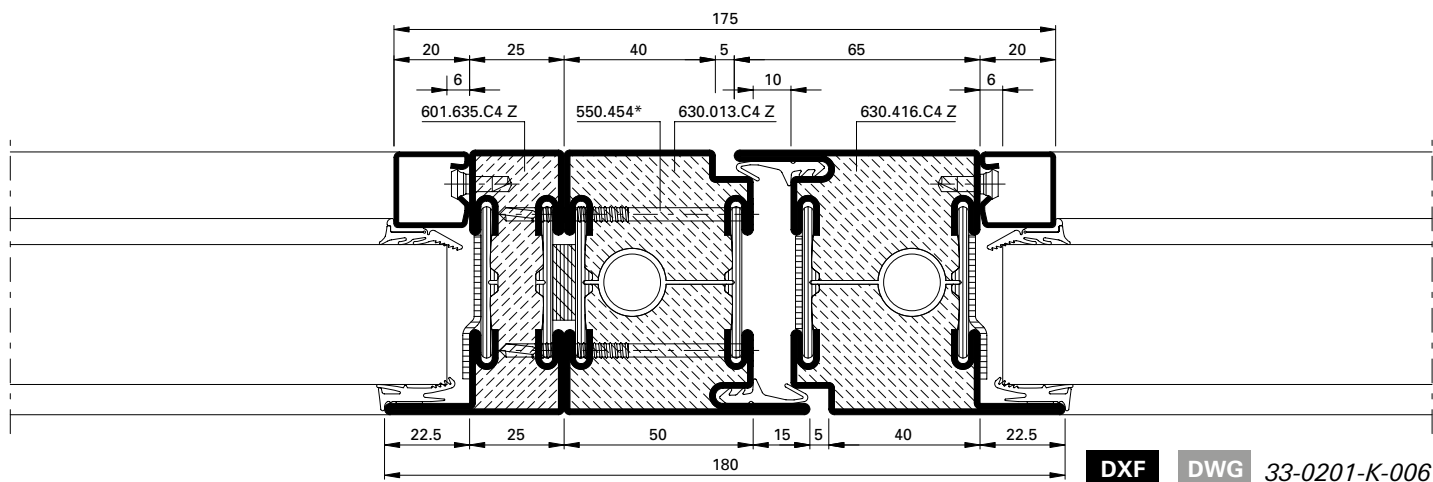
Junction detail door - fixed glazing



Elementstoss Türe - Festverglasung

Détail jonction porte - vitrage fixe

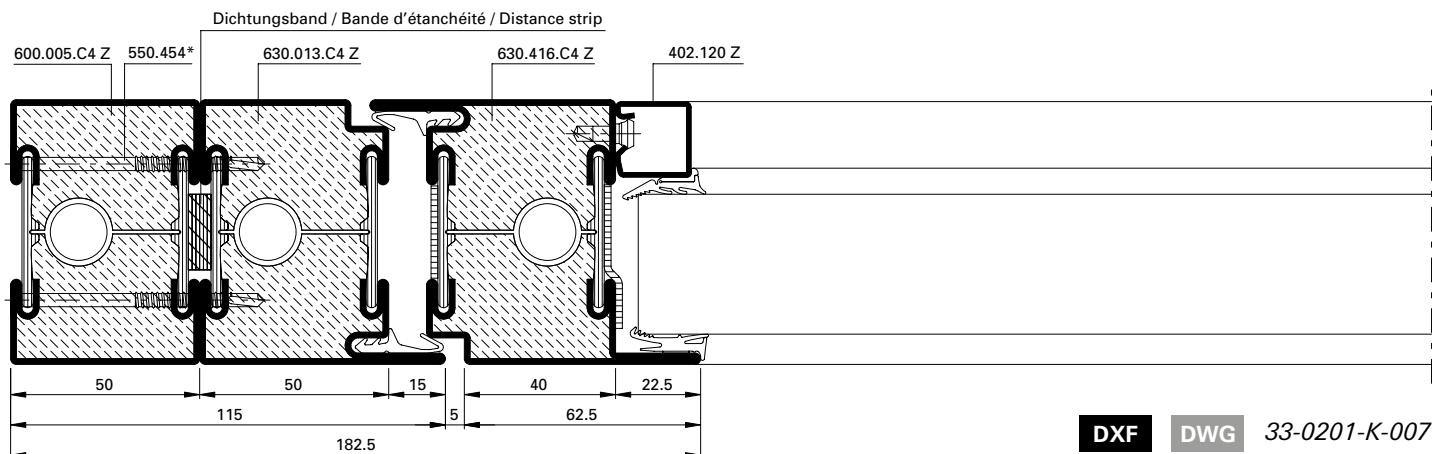
Junction detail door - fixed glazing



Detail Türrahmen-Verbreiterung

Détail élargissement du cadre de la porte

Detail of enlargement of door frame



* Schrauben-Abstand ≤ 500 mm

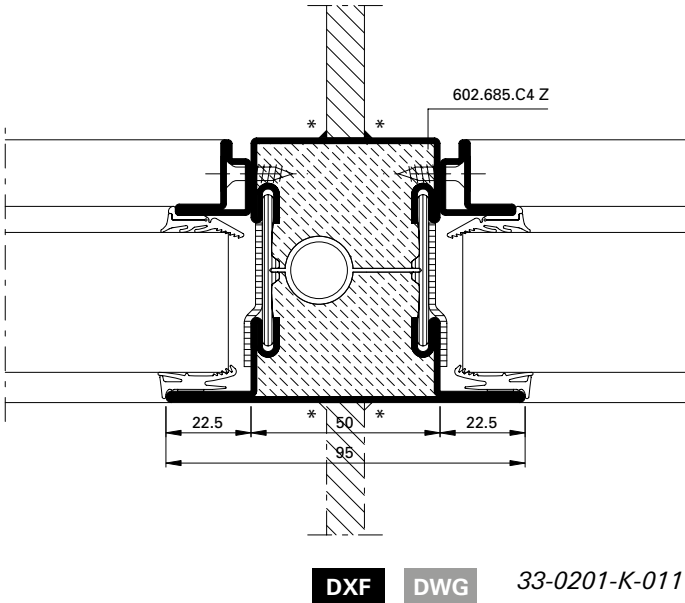
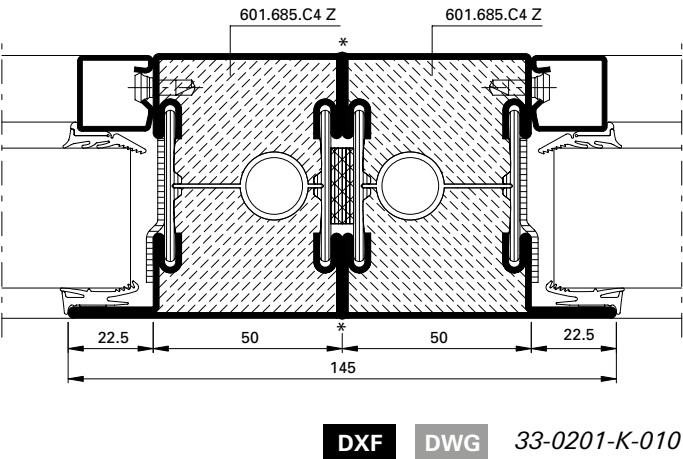
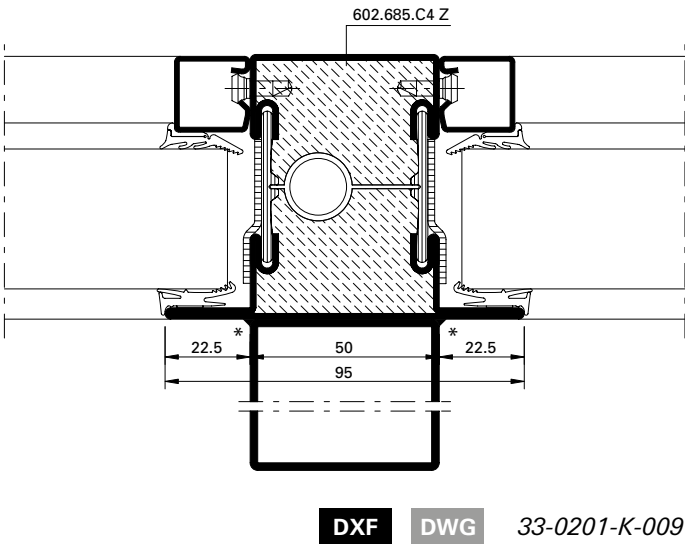
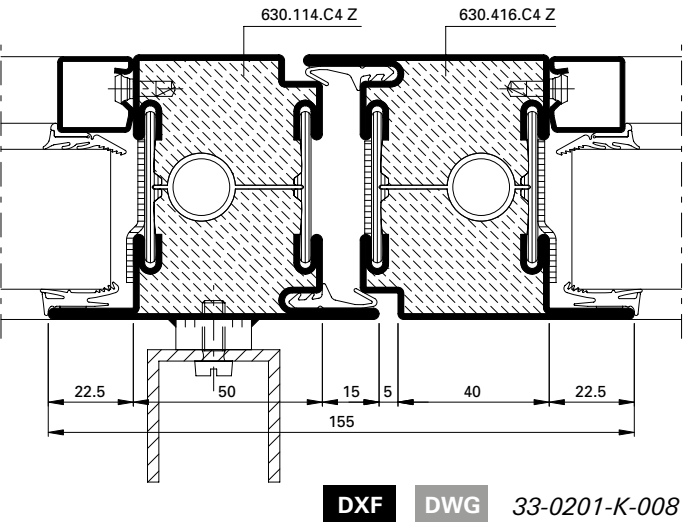
* Distance des vis ≤ 500 mm

* Screw distance ≤ 500 mm

Statische Verstärkungen

Renforts statiques

Static reinforcements



* wahlweise örtliche Schweißung 20 mm
alle 300 mm oder durchgehende
Laserschweißung

* Au choix, soudage local à la place 20 mm
tous les 300 mm ou soudage au laser
en continu

* Optionally, local weld 20 mm all 300 mm or
continuous laser welding

Anschlüsse am Bau im Massstab 1:2

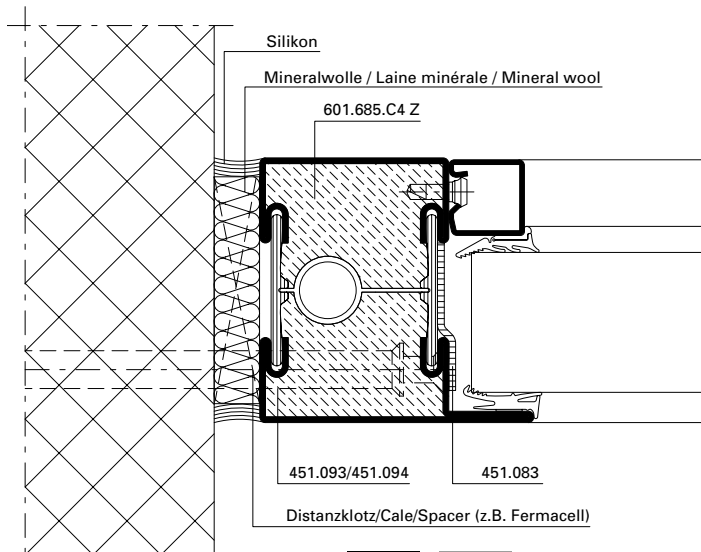
Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

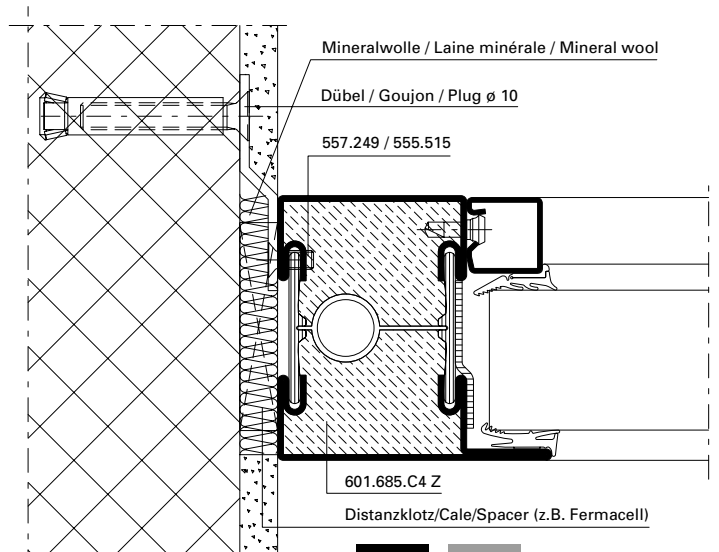
Janisol C4 EI60 / EI90

Janisol C4 EI60 / EI90

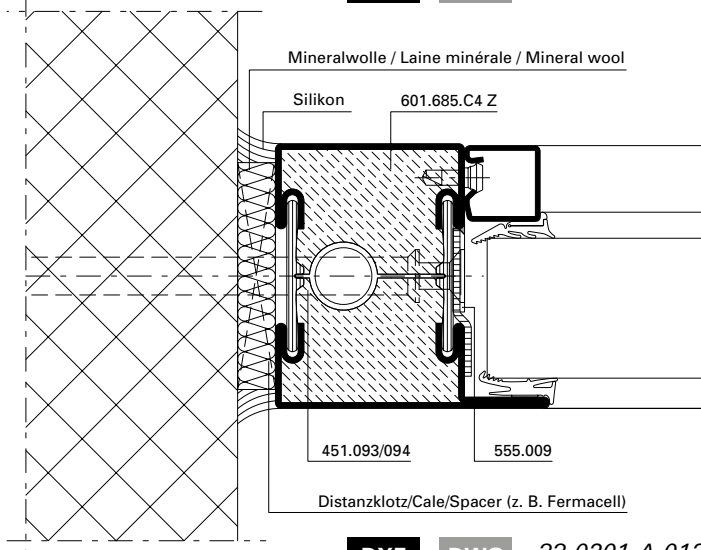
Janisol C4 EI60 / EI90



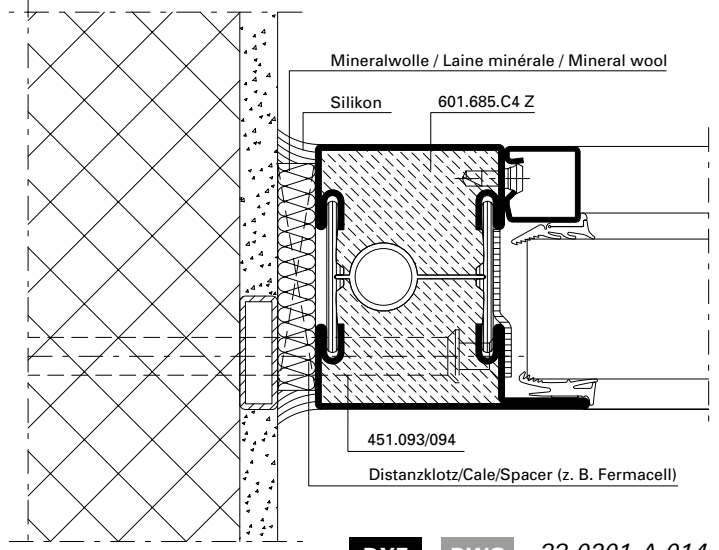
DXF **DWG** 33-0201-A-011



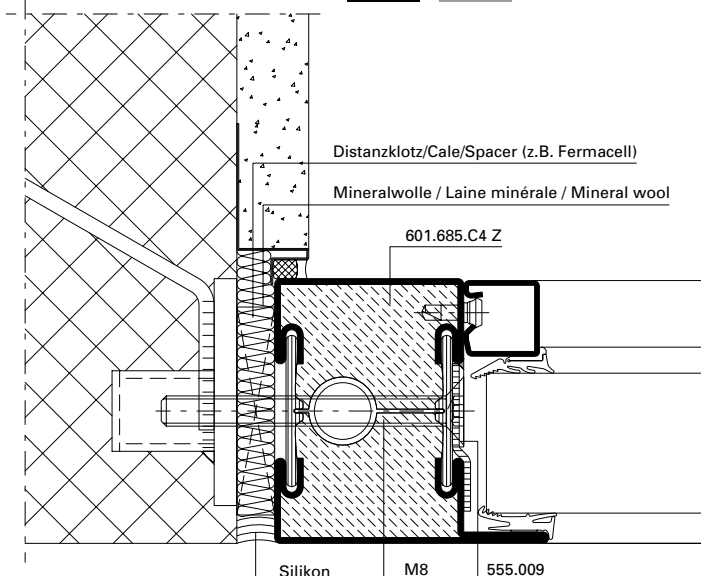
DXF **DWG** 33-0201-A-016



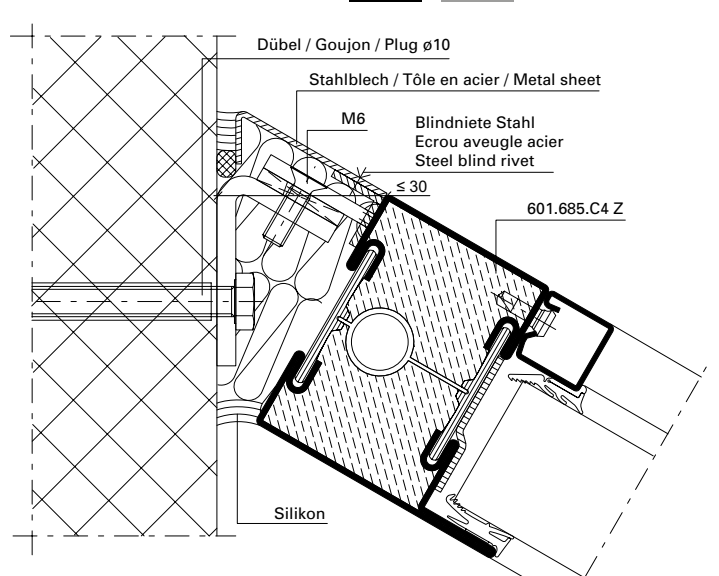
DXF **DWG** 33-0201-A-012



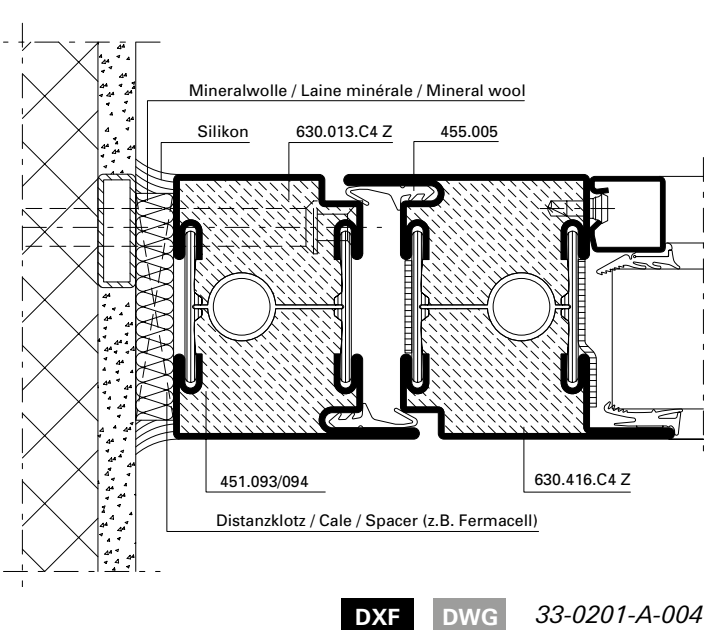
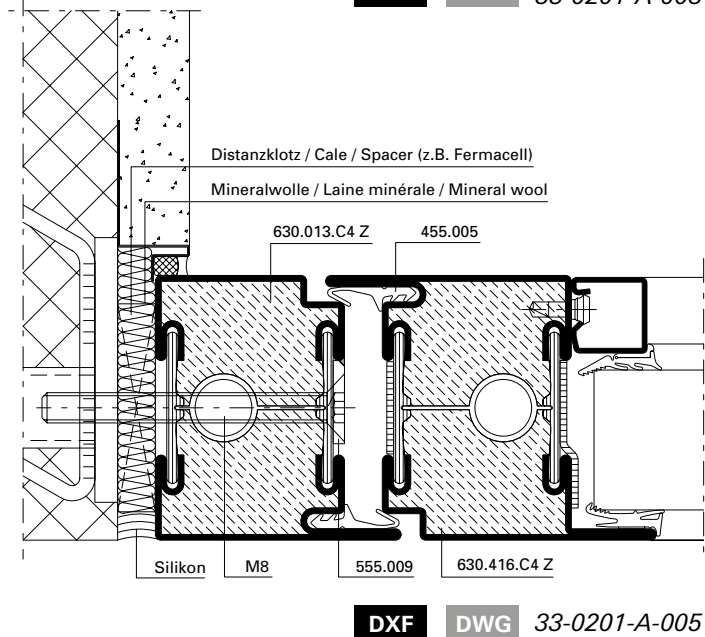
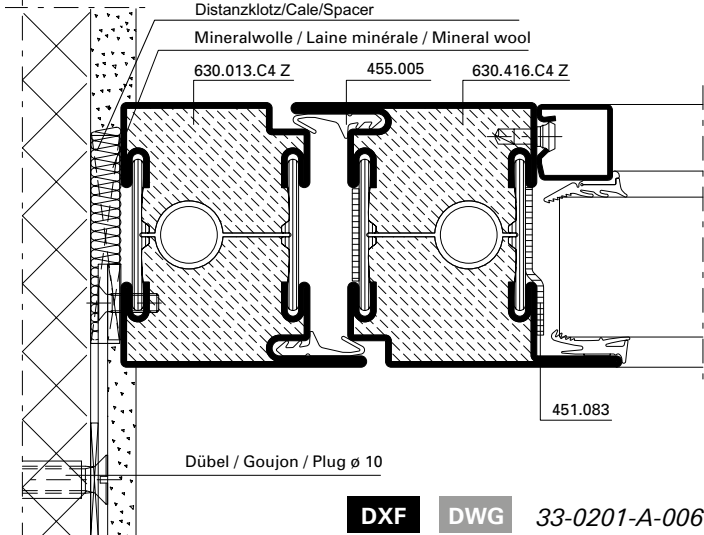
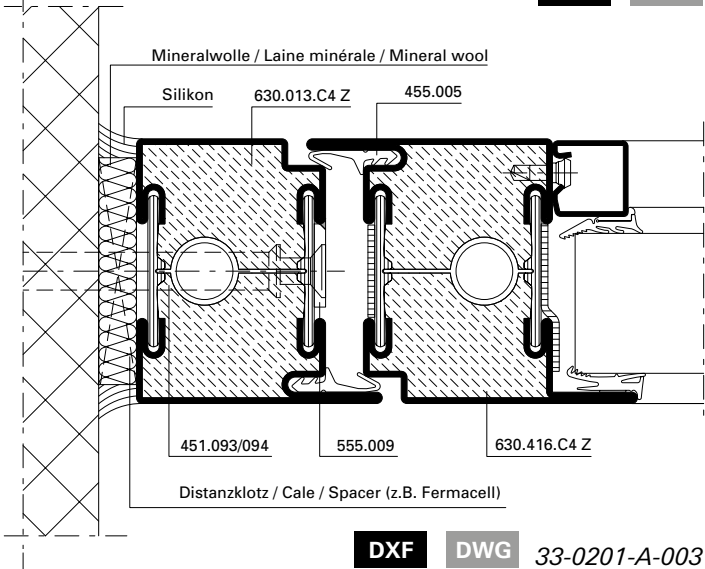
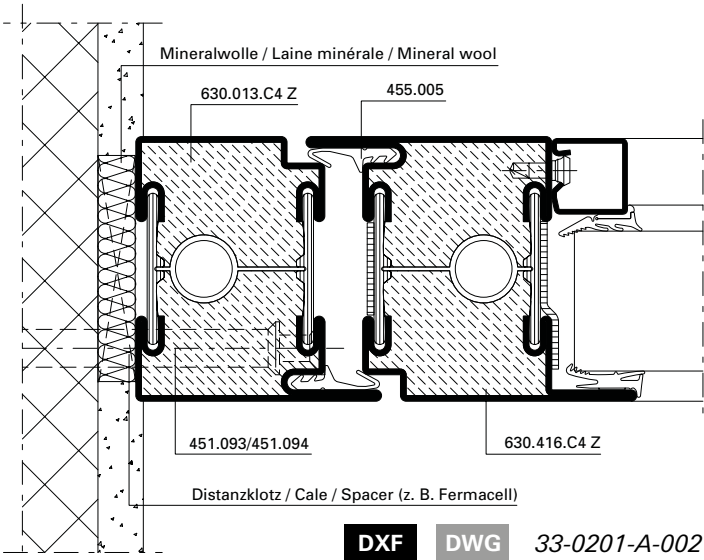
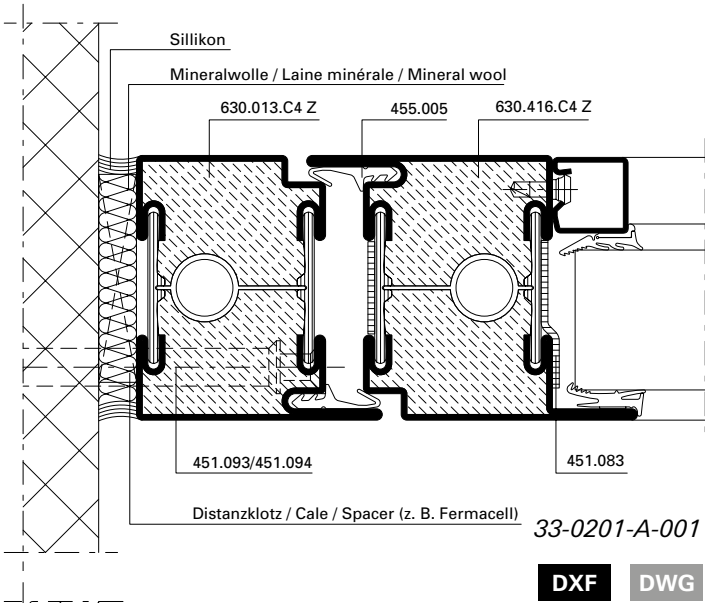
DXF **DWG** 33-0201-A-014

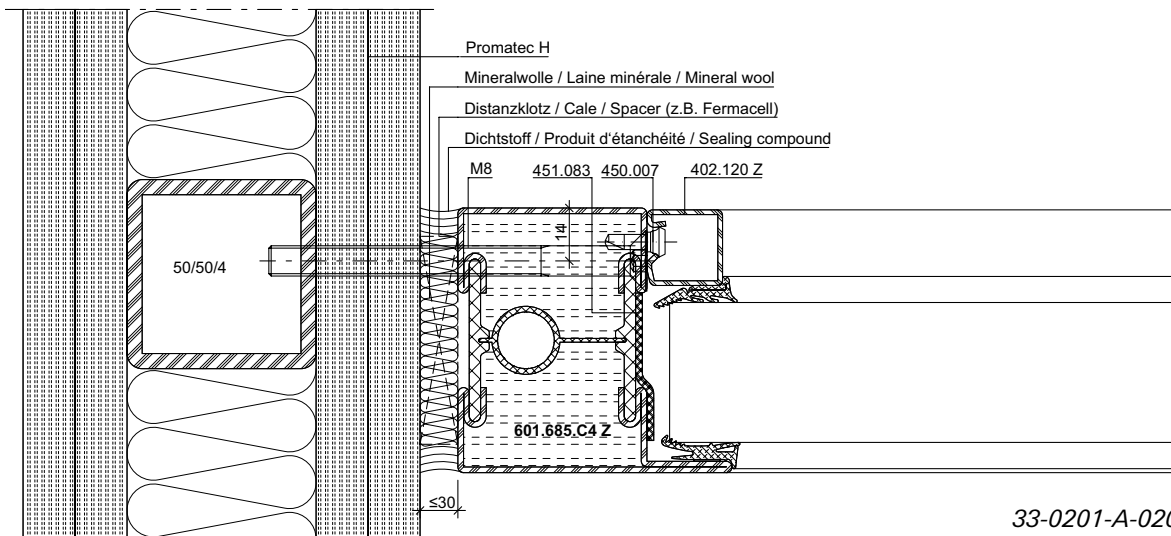


DXF **DWG** 33-0201-A-015



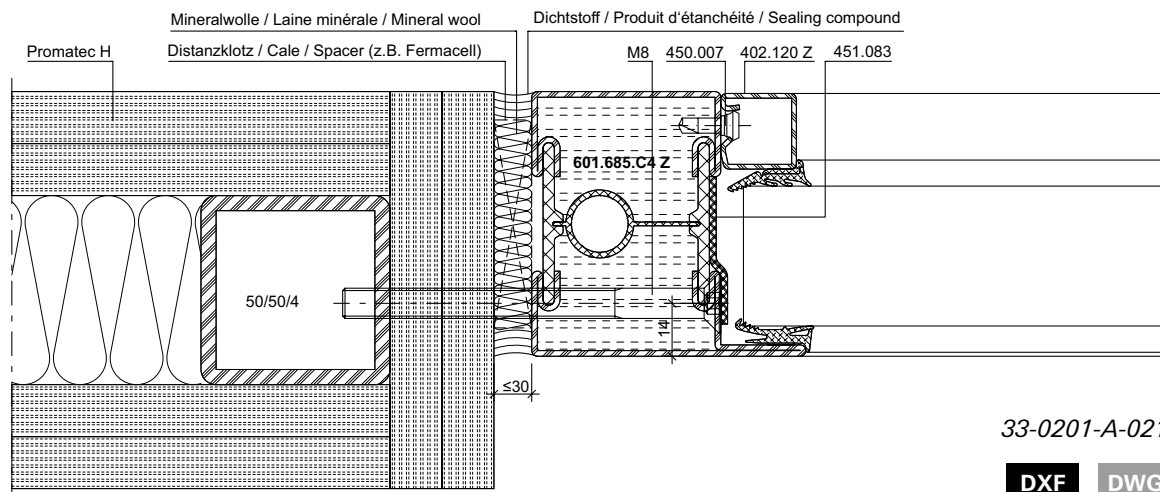
DXF **DWG** 33-0201-A-013





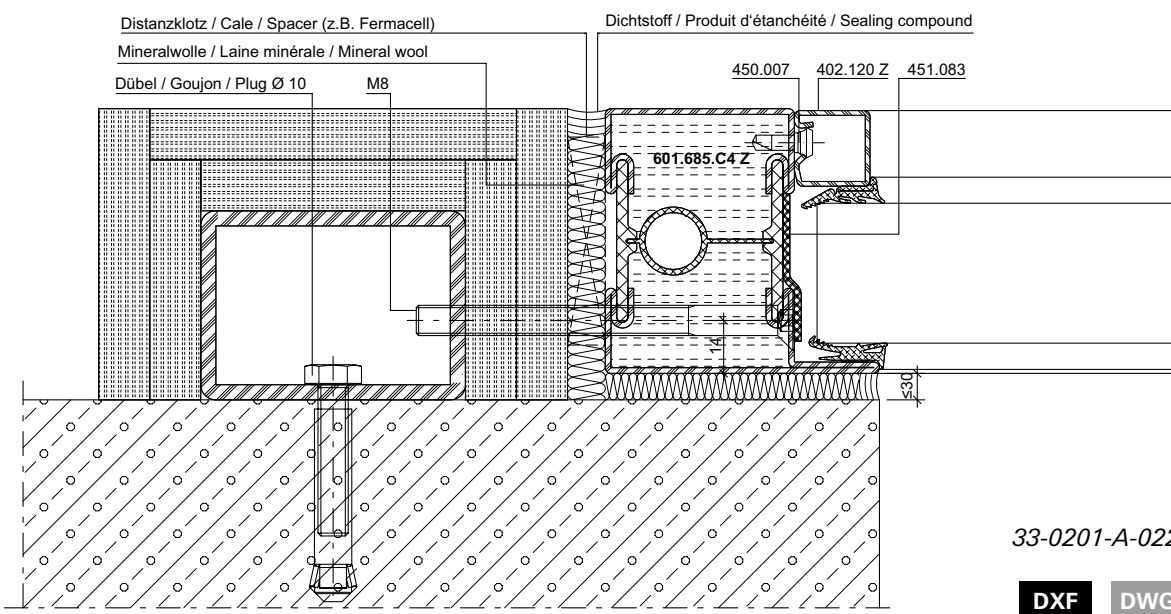
DXF

DWG



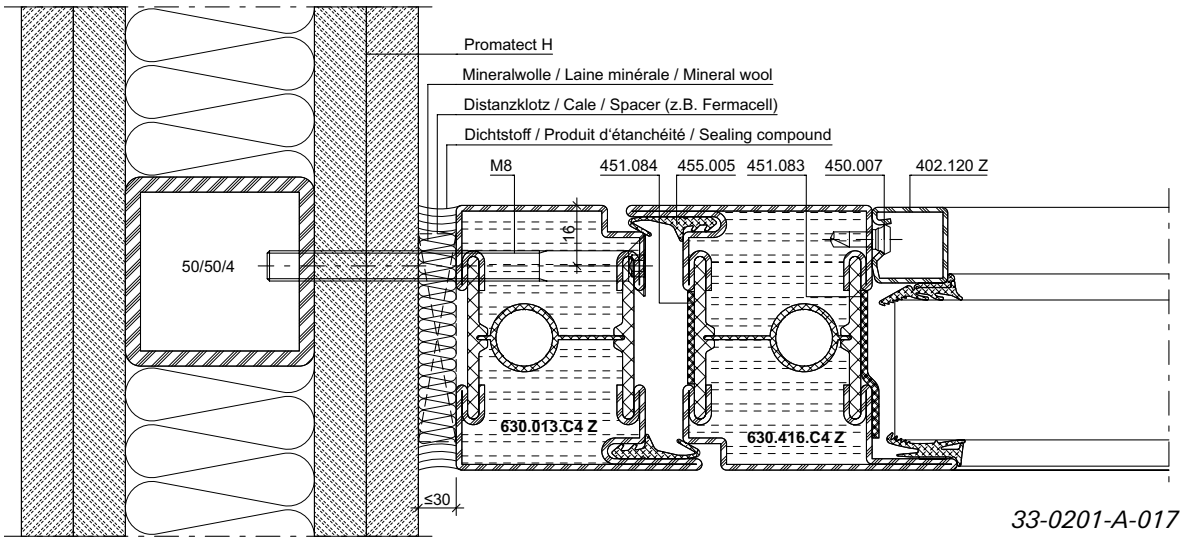
DXF

DWG

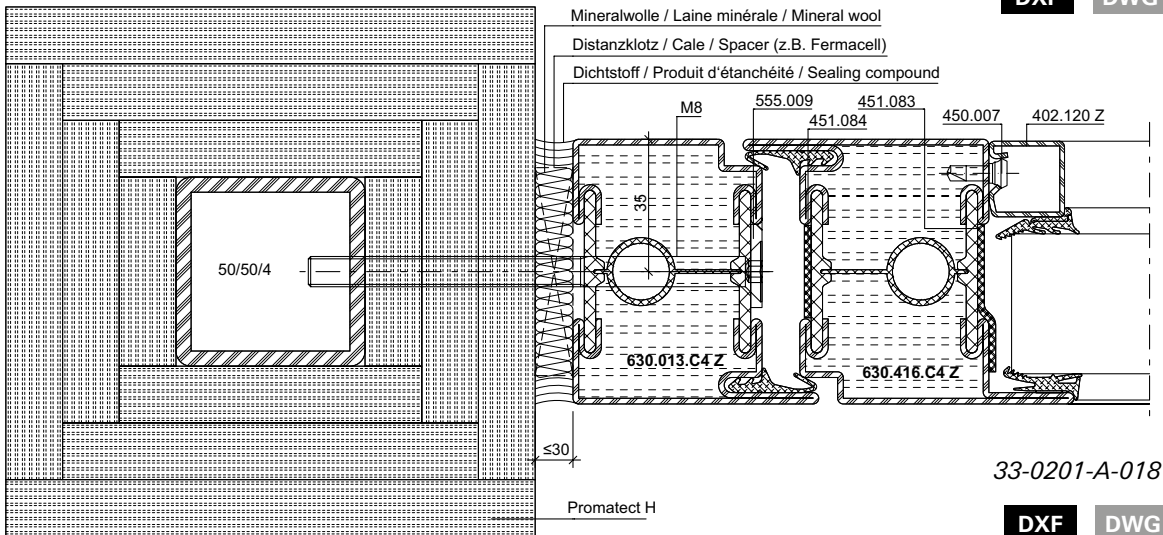


DXF

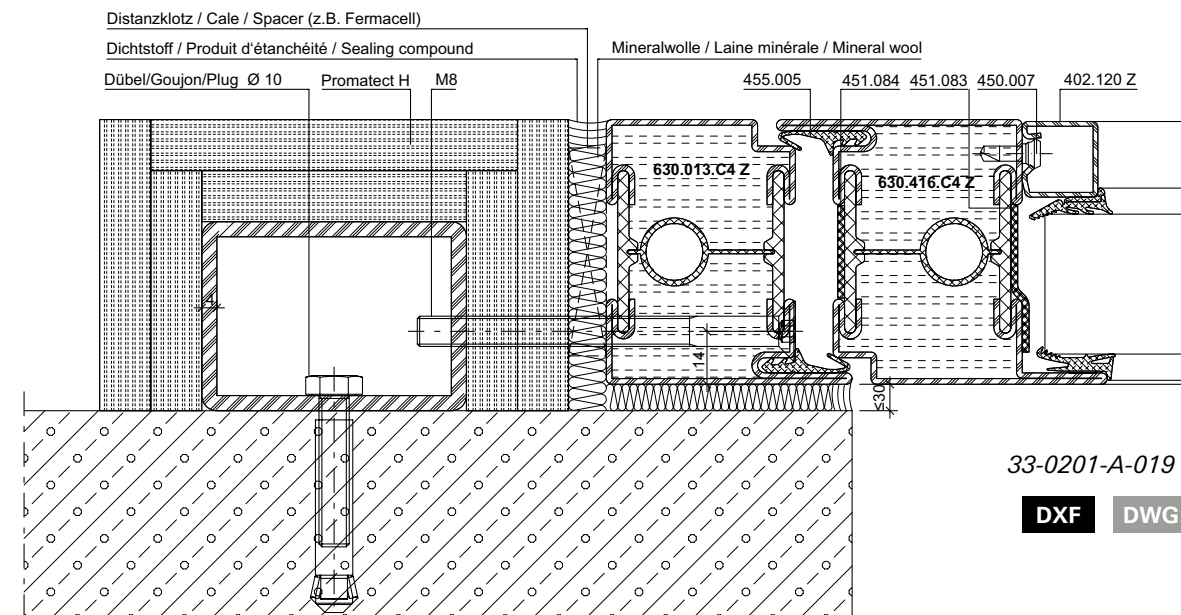
DWG



DXF DWG



DXF DWG



DXF DWG

Anschlüsse am Bau im Masstab 1:2

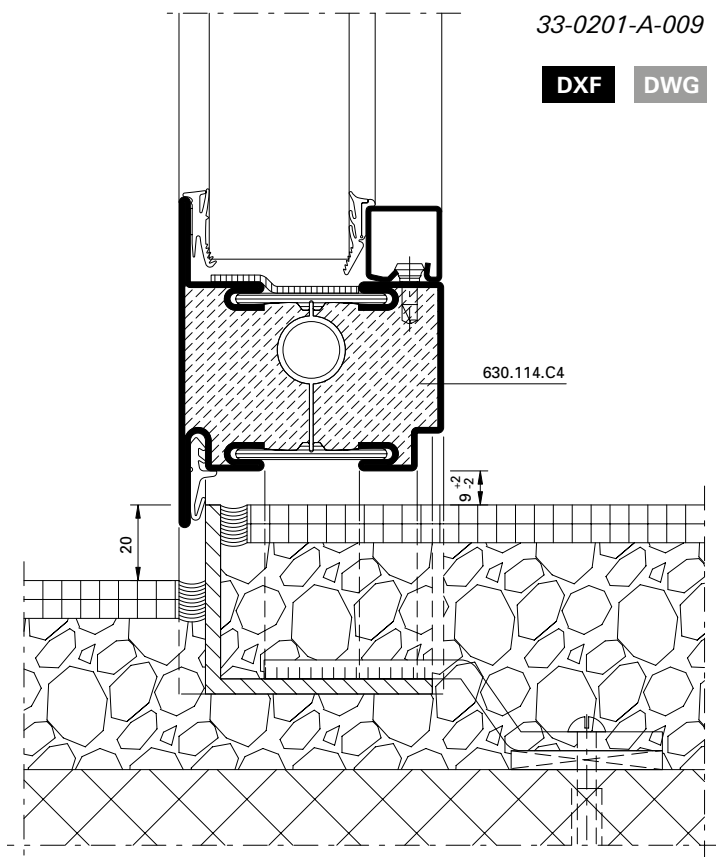
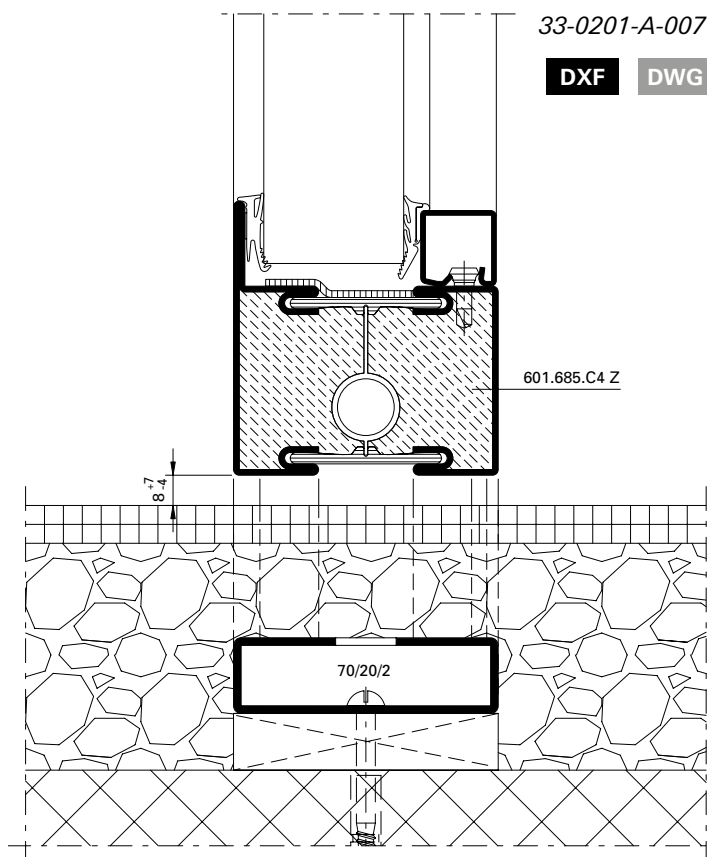
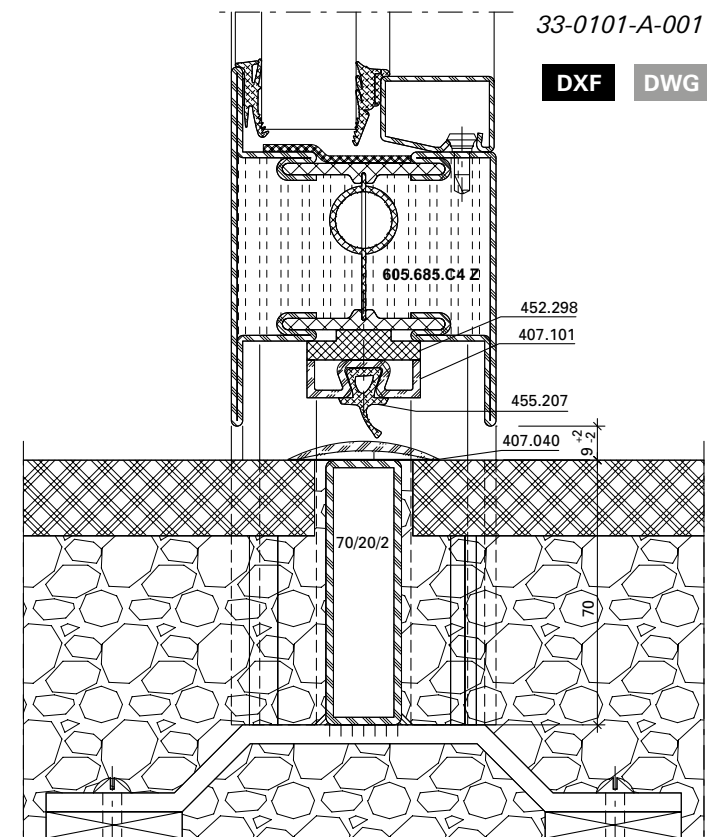
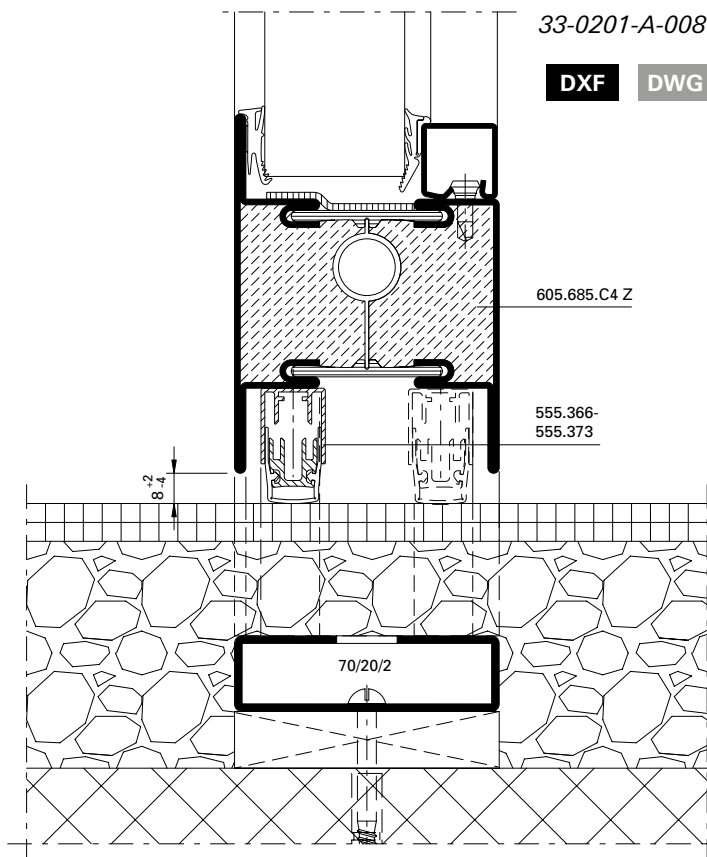
Raccords au mur à l'échelle 1:2

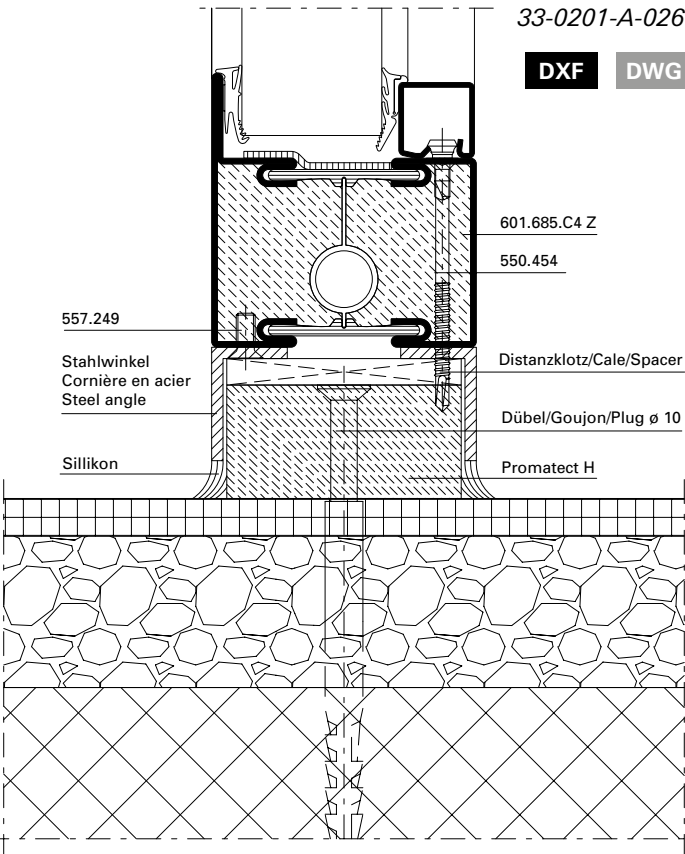
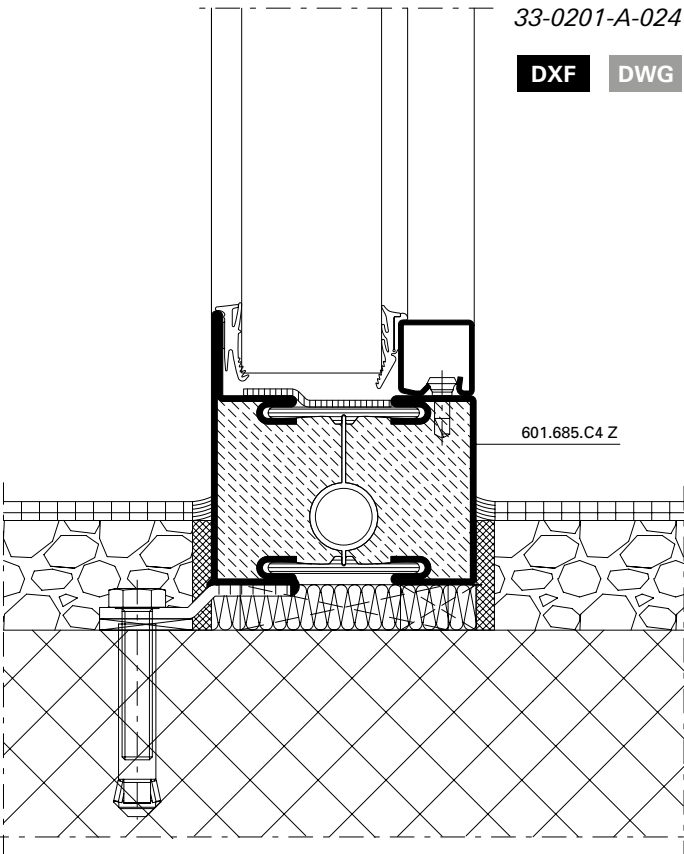
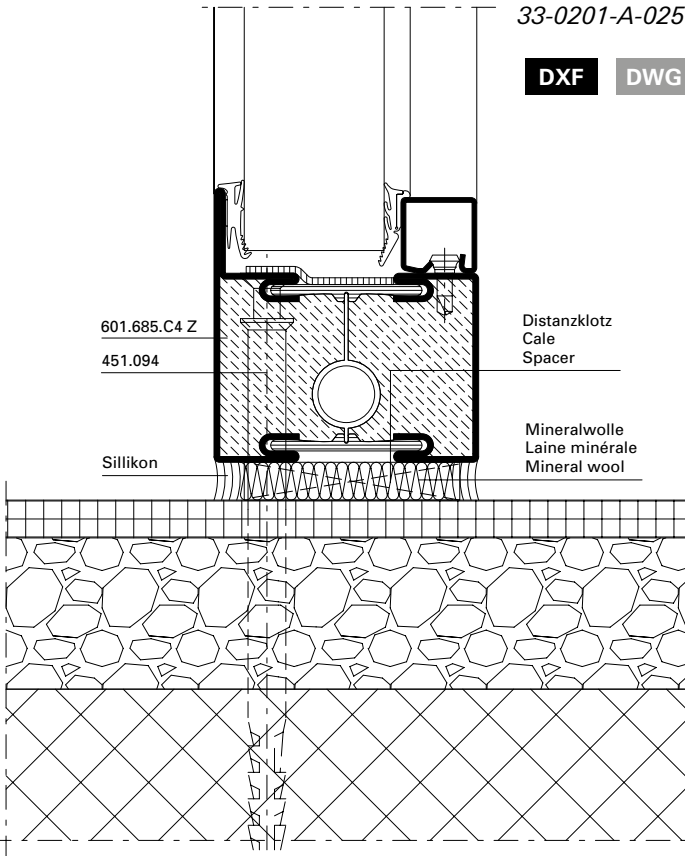
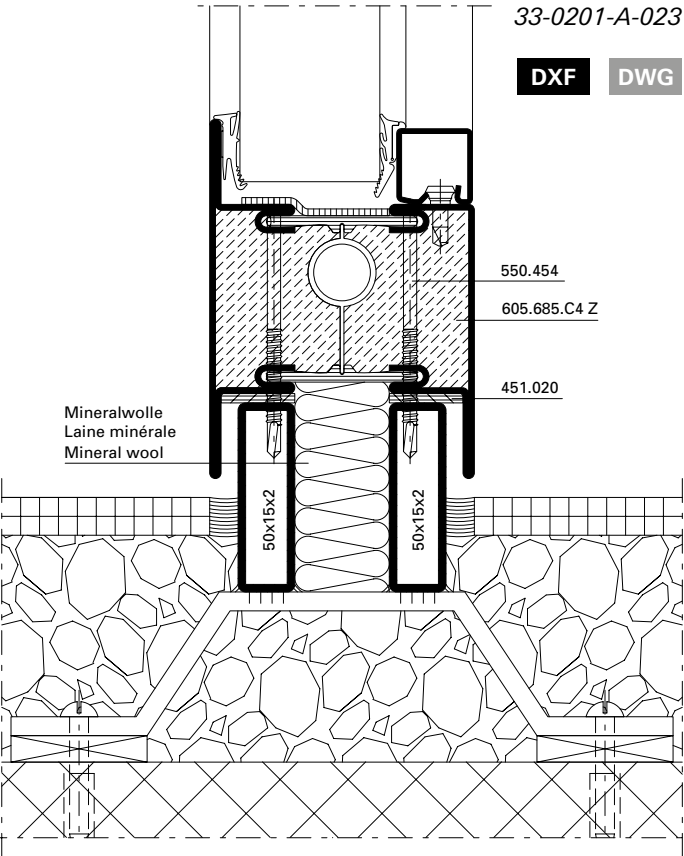
Attachment to structure on scale 1:2

Janisol C4 EI60 / EI90

Janisol C4 EI60 / EI90

Janisol C4 EI60 / EI90

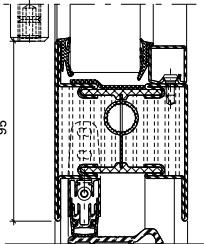
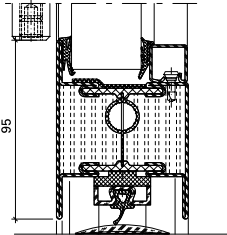




Einflügelige Türen,
 auswärts öffnend,
 Flügelhöhe ≤ 2200 mm

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

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

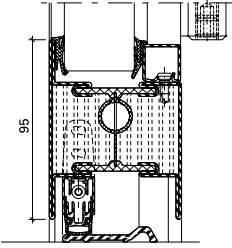
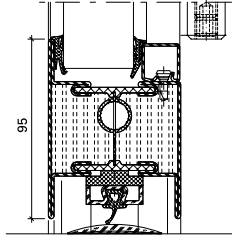
Variante	Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellerprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile 	1	2	1A	C4 / C3*
	2	2	2A	C4 / C3*
	3	3	2A	C5 / C4*
Auflaufdichtung Joint de contact Ramp seal 	1	2	0	C4 / C3*
	2	2	0	C4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

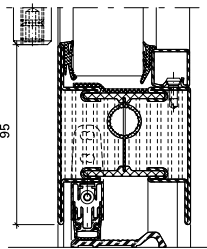
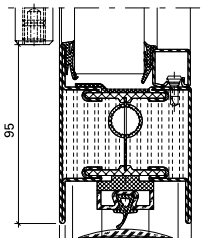
Variante	Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellenprofil Joint seuil avec profilé pour seuil de porte Drop seal with door threshold profile 	❶	2	0	C4 / C3*
	❷	2	0	C4 / C3*
	❸	3	1A	C5 / C4*
Auflaufdichtung Joint de contact Ramp seal 	❶	2	0	C4 / C3*
	❷	2	0	C4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

Variante	Beschlag Ferrure Fitting	 EN 12207	 EN 12208	 EN 12210
Senkdichtung mit Türschwellenprofil 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

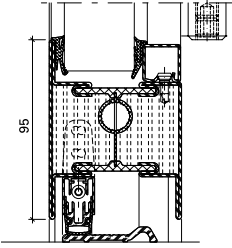
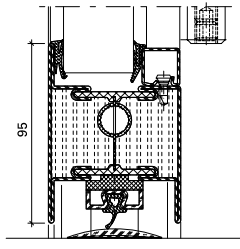
2 Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

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

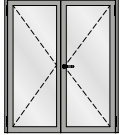
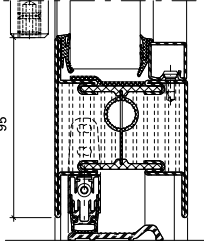
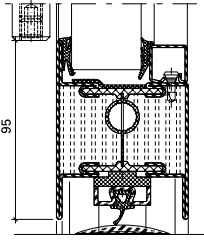
❷ Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

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

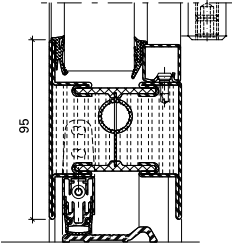
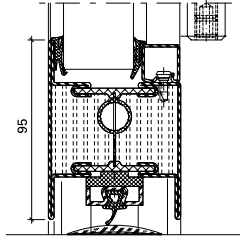
❷ Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

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 	❶	2	0	C2
	❷	2	0	C2
	❸	2	0	C3
Auflaufdichtung Joint de contact Ramp seal 	❶	2	0	C2
	❷	2	0	C2
	❸	2	0	C3

❶ Fallenriegel-Schloss
 Serrure à mortaiser
 Latch and bolt lock

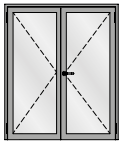
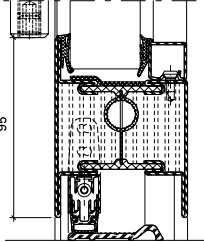
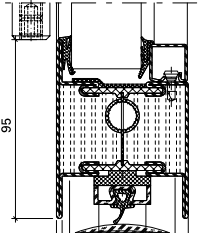
❷ Schloss mit Obenverriegelung
 Serrure avec verrouillage supérieur
 Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
 Serrure à verrouillage multiple
 Multipoint lock

**Zweiflügelige Türen,
auswärts öffnend,
Flügelhöhe ≤ 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 		1	0	0	C1
		2	0	0	C1
		3	1	0 / 1A*	C2
Auflaufdichtung Joint de contact Ramp seal 		1	0	0	C1
		2	0	0	C1
		3	1	0	C2

* Edelstahl
* Acier Inox
* Stainless steel

1 Fallenriegel-Schloss
Serrure à mortaiser
Latch and bolt lock

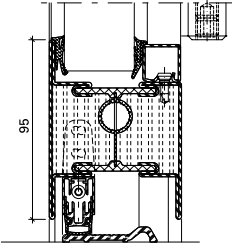
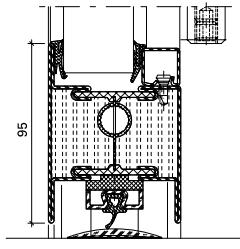
2 Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

3 Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

**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 	❶	0	0	C1
	❷	0	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

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 C4 EI60/EI90.

Sie basieren auf folgenden Grundlagen:

Stahl

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

Valeurs U_f

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

Vous trouverez les valeurs U_f pour les différentes applications Janisol C4 EI60/EI90, 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

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 C4 EI60/EI90.

They are based on the following:

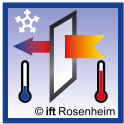
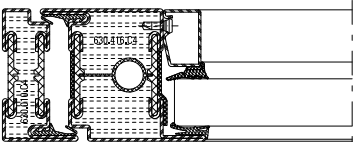
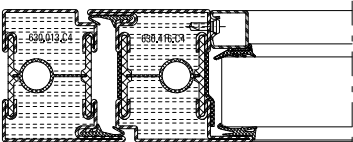
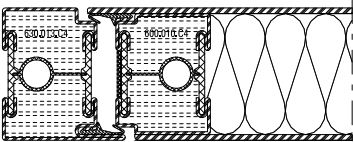
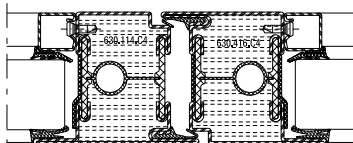
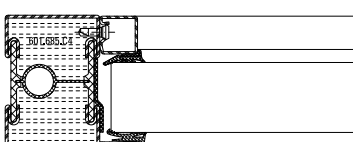
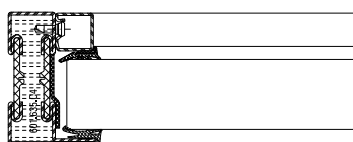
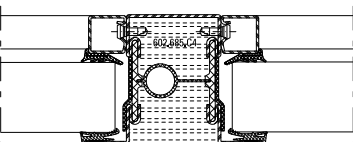
Steel

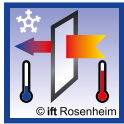
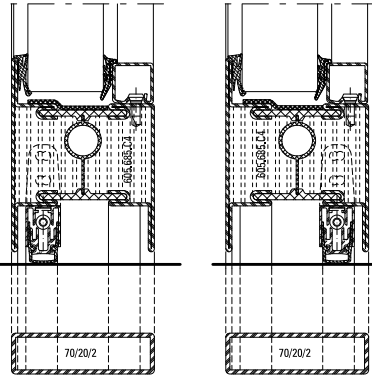
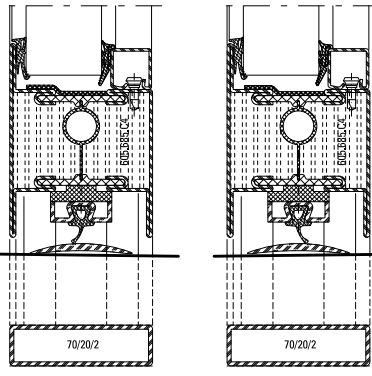
- Strip galvanised steel profiles, uncoated
- Steel glazing beads
- Glazing with dry glazing
- Glazing with sealing

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 ≥ 46 mm
	3,7 W/m²K
	3,7 W/m²K
	3,9 W/m²K
	3,6 W/m²K
	3,7 W/m²K
	3,9 W/m²K
	3,4 W/m²K

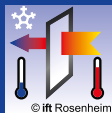
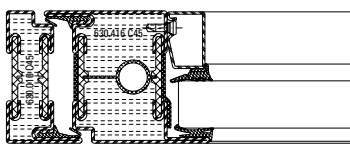
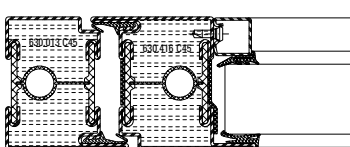
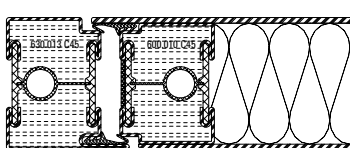
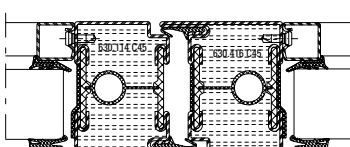
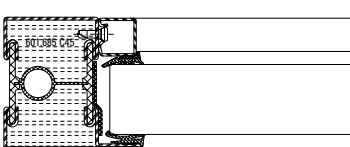
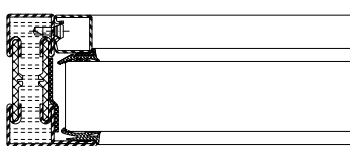
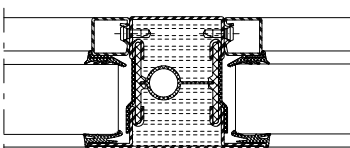
	Füllelementstärken Elements de remplissages Infill elements ≥ 46 mm
	4,4 W/m²K (links / gauche / left) 3,9 W/m²K (rechts / droite / right)
	4,4 W/m²K

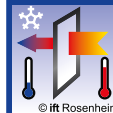
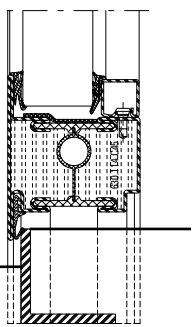
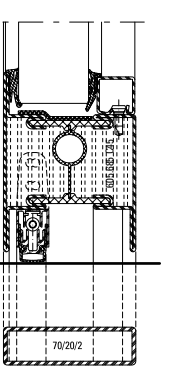
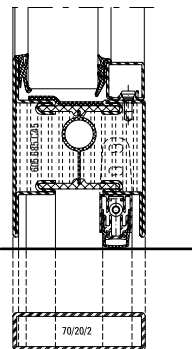


U_f-Werte
 (nach EN ISO 10077-2:2018-01)

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	
	≥ 24 mm	≥ 46 mm
	3,8 W/m²K	3,6 W/m²K
	3,7 W/m²K	3,6 W/m²K
	3,8 W/m²K	3,8 W/m²K
	3,7 W/m²K	3,5 W/m²K
	3,9 W/m²K	3,7 W/m²K
	4,2 W/m²K	3,9 W/m²K
	3,8 W/m²K	3,4 W/m²K

	Füllelementstärken Elements de remplissages Infill elements	
	≥ 24 mm	≥ 46 mm
	3,8 W/m²K	3,5 W/m²K
	4,4 W/m²K	4,3 W/m²K
	4,0 W/m²K	3,9 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	
	≥ 24 mm	≥46 mm
	4,4 W/m²K	4,3 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.

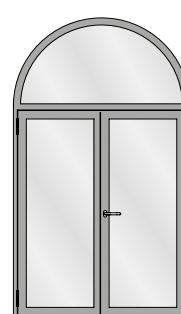
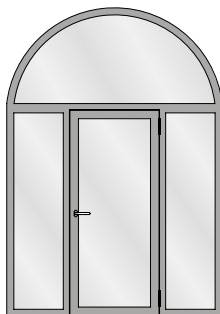
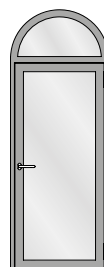
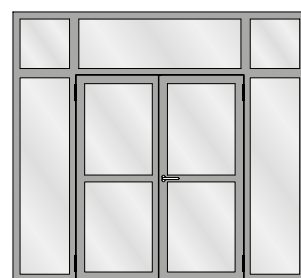
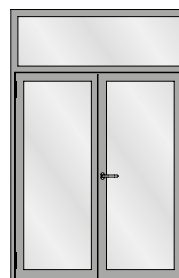
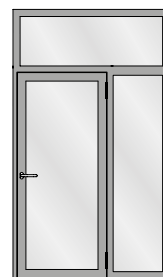
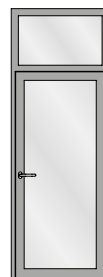
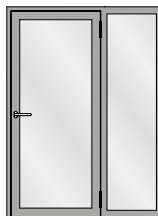
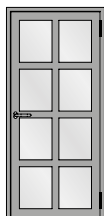
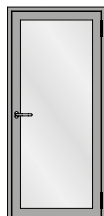


Tabelle A1

*Türen in Sonderausführung,
Korrekturwerte K_i für besondere
Ausführungsmerkmale*

Tableau A1

*Portes en version spéciale, valeurs de
correction K_i pour caractéristiques de
réalisation particulières*

Table A1

*Specially designed doors, correction val-
ue K_i for special design features*

	1	2	3	4	5	6	7	8	9	10
	$R_{W \text{ basic}}$ dB	Korrekturen Corrections Corrections								
		K_{dl} dB	K_{wet} dB	K_{width-} dB	K_{hinge} dB	$K_{threshold}$ dB	$K_{G \ 0,4}$ dB	$K_{G \ 1,8}$ dB	$K_{G \ 2,6}$ dB	$K_{G \ 3,2}$ dB
1	37	0	-1	-1	0	-3 ¹⁾ /-	0	-1	-2	-3
2	38	0	-1	-1	0	-3 ¹⁾ /-	0	-1	-2	-3
3	39	0	-1	-1	0	-4 ¹⁾ /-1 ²⁾	0	-1	-2	-3
4	40	0	-1	-1	0	-5 ¹⁾ /-2 ²⁾	-1	-1	-2	-3
5	41	0	-1	-1	0	-/-2 ²⁾	-1	-1	-2	-3
6	42	-1	-1	-1	0	-/-3 ²⁾	-2	-1	-2	-3
7	43	-1	-1	-1	0	-/-3 ²⁾	-2	-1	-2	-3
8	44	-1	-1	-1	-1	-/-	-3	-1	-2	-3
9	45	-1	-1	-1	-1	-/-	-3	-1	-2	-3
10	46	-2	-1	-1	-1	-/-	-3	-1	-2	-3
11	47	-3	-1	-1	-1	-/-	-4	-1	-2	-3

¹⁾ Korrekturwert für Ausführung mit
1 autom. Bodendichtung
(gem. Tabelle 3, Zeile 4)

²⁾ Korrekturwert für Ausführung mit
2 autom. Bodendichtungen
(gem. Tabelle 3, Zeile 5)

¹⁾ Valeur de correction pour version
avec 1 joint bas de porte
automatique (selon tableau 3,
ligne 4)

²⁾ Valeur de correction pour version
avec 2 joints bas de porte
automatiques (selon tableau 3,
ligne 5)

¹⁾ Correction value for design with
1 automatic threshold weatherstrip
(according to Table 3, line 4))

²⁾ Correction value for design with
2 automatic threshold weatherstrips
(according to Table 3, line 5)

R_{w,doorSD} bewertetes Schalldämm-Mass der Tür in Sonderausführung unter Berücksichtigung der individuellen Ausführungsmerkmale.

R_{w,fixSD} bewertetes Schalldämm-Mass der feststehender Ober- und Seitenteile in Sonderausführung unter Berücksichtigung der individuellen Ausführungsmerkmale.

R_{w, basic} bewertetes Schalldämm-Mass R_{w,door} der Tür in Standardausführung bzw. R_{w,fix} der feststehenden Ober- und Seitenteile nach Abschnitt 4.2.

K_{dl} Korrekturwert für zweiflügelige Türelemente. (K_{dl} gilt ausschließlich für Schwellenvarianten mit ein oder zwei automatischen Bodendichtungen: Ausführung gem. Tabelle 3, Zeilen 4/5 und Tabelle 4, Zeile 11; R_{w,door} nach Tabelle 6, Spalten 3/4. Zweiflügelige Türelemente mit Anschlagsschwelle nach Tabelle 3, Zeile 6 und R_{w,door} nach Tabelle 6, Spalte 5 werden in dieser Stellungnahme nicht bewertet.)

K_{wet} Korrekturwert Nassverglasung

K_{width-} Korrekturwert für Türflügelbreite 720 mm ≤ b < 860 mm. (Für Türflügel mit b ≥ 860 mm ist K_{width-} = 0 dB. Türelemente mit Flügelbreiten b < 720 mm werden in dieser Stellungnahme nicht bewertet.)

K_{hinge} Korrekturwert für dichtungsunterbrechende Bandausführung gem. Tabelle 4, Zeile 4

R_{w,doorSD} Indice d'affaiblissement acoustique pondéré de la porte en version spéciale avec prise en compte des caractéristiques de réalisation individuelles.

R_{w,fixSD} Indice d'affaiblissement acoustique pondéré des éléments fixes en imposte et latéraux en version spéciale avec prise en compte des caractéristiques de réalisation individuelles.

R_{w, basic} Indice d'affaiblissement acoustique pondéré R_{w,door} de la porte en version standard au R_{w,fix} des éléments fixes en imposte et latéraux selon le chapitre 4.2.

K_{dl} Valeur de correction pour éléments de porte a deux vantaux. (K_{dl} est valable uniquement pour les versions de seuil avec un ou deux joints bas de porte automatiques: réalisation selon le tableau 3, lignes 4/5 et le tableau 4, ligne 11 ; R_{w,door} selon le tableau 6, colonnes 3/4. Les éléments de porte a deux vantaux avec seuil de butée selon le tableau 3, ligne 6 et R_{w,door} selon Je tableau 6, colonne 5, ne sont pas évalués dans le présent avis d'expert.)

K_{wet} Valeur de correction pour vitrage a joint silicone.

K_{width-} Valeur de correction pour largeur de vantail de porte de 720 mm ≤ l < 860 mm. (Pour les vantaux de porte avec b ≥ 860 mm, K_{width-} = 0 dB. Les éléments de porte avec largeurs de vantail l < 720 mm ne sont pas évalués dans le présent avis d'expert.)

K_{hinge} Valeur de correction pour version de paumelles qui induit une interruption du joint selon tableau 4, ligne 2.

R_{w,doorSD} weighted sound reduction index of the door - special design under consideration of the individual configuration characteristics.

R_{w,fixSD} weighted sound reduction index of fixed fanlights and sidelights - special designs under consideration of the individual configuration characteristics.

R_{w, basic} weighted sound reduction index R_{w,door} of the door - standard design or R_{w,fix} of the fixed fanlights and sidefights described in Section 4.2.

K_{dl} correction value of double leaf doorsets. (K_{dl} applies exclusively to threshold variants with one or two automatic floor seals: design according to Table 3, lines 4/5 and Table 4, line 9; R_{w,door} according to Table 6, columns 3/4. Double leaf doorsets with threshold according to Table 3, line 6 and R_{w,door} according to Table 6, column 5 are not covered by this expert statement.)

K_{wet} correction value for wet glazing.

K_{width-} correction value for door leaf width 720 mm ≤ w < 860 mm. (For door leaves with w ≥ 860 mm the value is K_{width-} = 0 dB. Doorsets with leaf widths w < 720 mm are not covered by this expert statement.)

K_{hinge} correction value for hinge design with discontinued seal according to Table 4, line 2.