

Jansen-Economy 60 RS (Smoke)

Rauchschutztüren nach DIN 18095 (EN 1634-3) aus Stahl

Jansen-Economy 60 RS (Smoke)

Portes coupe-fumée selon DIN 18095 (EN 1634-3) en acier

Jansen-Economy 60 RS (Smoke)

Smoke control doors according to DIN 18095 (EN 1634-3) in steel

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Performance characteristics

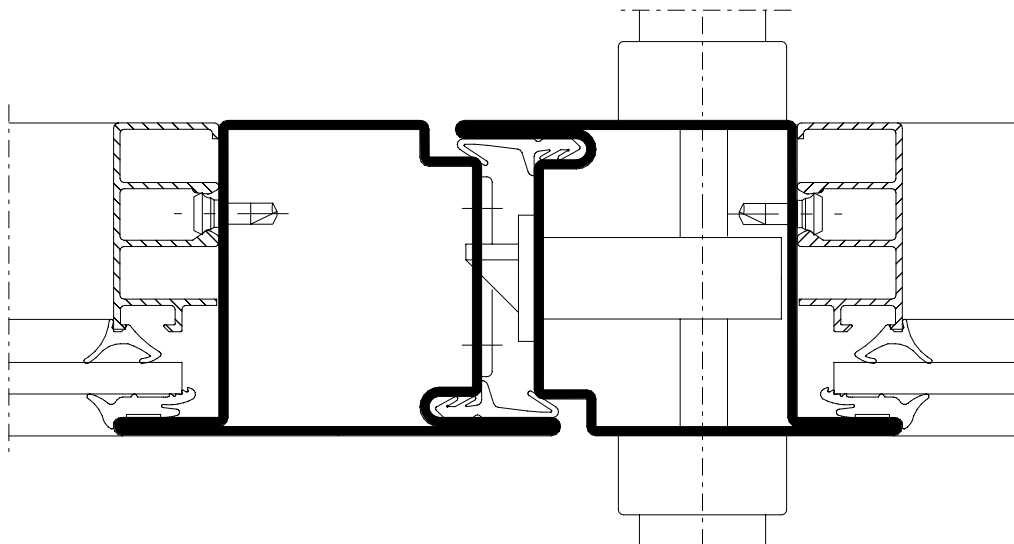
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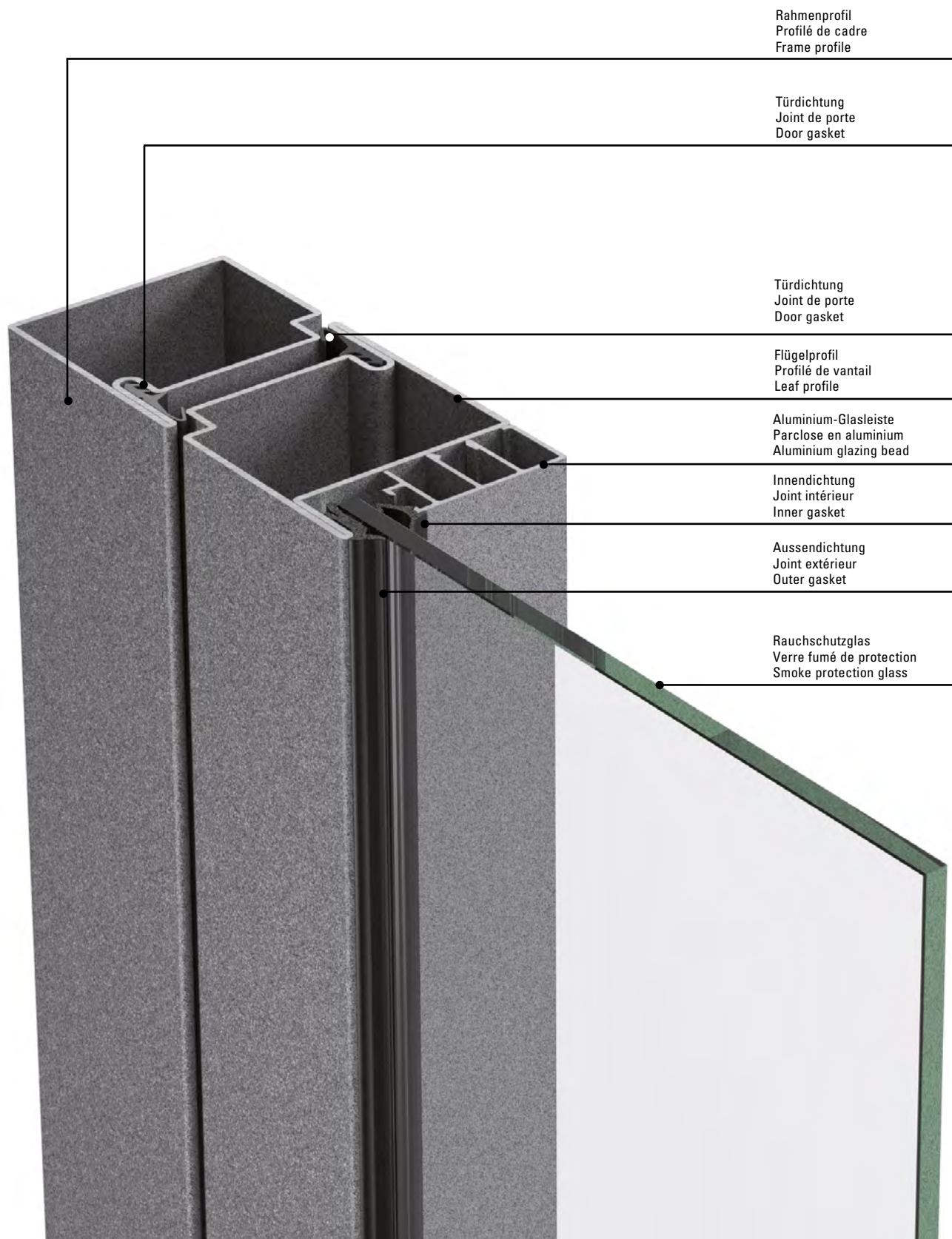
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- Stahlsystem für Türen und Festverglasungen
- Bautiefe 60 mm, innen und aussen flächenbündig
- Schmale Ansichtsweiten: Rahmen und Flügel ab 105 mm Stulppartie 150 mm
- Ein- und zweiflüglige Türen, nach innen und aussen öffnend, mit oder ohne Seitenteile und Oberlichter sowie Trennwände
- Türflügel bis 1750 x 3750 mm (BxH), landesspezifische Zulassung beachten
- Füllelementstärke von 5 bis 26 mm, Glaseinbau mittels Trocken- oder Nassverglasung
- Stahlprofile blank oder bandverzinkt
- Grosses Sortiment an systemgeprüften Türbeschlägen
- Barrierefreie Schwellenausbildungen
- Geeignet für Pulver- und Nasslackbeschichtungen
- Rauchschutztüre gemäss DIN 18095, EN 1634-3 und EN 16034, Systemprüfungen nach Produktnorm EN 14351-1
- Erscheinungsbild deckungsgleich mit anderen Jansen Brandschutzsystemen Jansen-Economy 50, Janisol 2 und Janisol C4
- Système en acier 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 105 mm Partie tête 150 mm
- Portes à un et deux vantaux, ouverture vers l'intérieur et vers l'extérieur, combinables avec parties latérales, impostes et vitrage fixe
- Vantaux de porte jusqu'à 1750 x 3750 mm (LaxH), il convient de respecter les prescriptions et règlements des divers pays concernés
- Élément de remplissage de 5 à 26 mm d'épaisseur, Montage du vitrage à sec ou à silicone
- Profilés en acier brut ou galvanisé en continu
- Grand assortiment de ferrures de porte homologuées
- Formes de seuil sans barrière
- Convient aux revêtements par poudre ou peinture liquide
- Porte coupe-fumée selon DIN 18095, EN 1634-3 et EN 16034, contrôles des systèmes selon la norme produit EN 14351-1
- Apparence égale comme les autres systèmes coupe-feu de Jansen (Jansen-Economy 50, Janisol 2 et Janisol C4)
- 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 105 mm Meeting stile assembly 150 mm
- Single and double-leaf doors, inward and outward-opening, can be combined with side-lights, toplight or fixed glazing
- Door leaf up to 1750 x 3750 mm (WxH), the regulations and bye-laws in force in the particular country must be respected
- Infill unit thickness of 5 to 26 mm, Glazing installed by means of dry or wet glazing
- Raw finish or strip galvanised steel profiles
- Large range of system-tested door fittings
- Easy-access thresholds
- Suitable for powder and wet paint coating
- Smoke-proof door according to DIN 18095, EN 1634-3 and EN 16034, system tests in accordance with EN 14351-1
- Same appearance as the other Jansen fire-resistant systems Jansen-Economy 50, Janisol 2 and Janisol C4





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 44 dB (-2; -5) jusqu'à R_w 44 dB (-2; -5) up to R_w 44 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 5.65 W/m²K à partir de 5.65 W/m²K from 5.65 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 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 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 179 EN 1125	Fähigkeit zur Freigabe Capacité au déclenchement Ability to release		Anforderung erfüllt Exigence remplie Requirement fulfilled									

Norm	Eigenschaft Caractéristique Characteristic	Klassifizierung/Wert Classification / Valeur Classification / Value			
 EN 12217	Bedienkräfte Forces de manœuvre Operating forces	npd	0	1	2
 EN 1634-3 DIN 18095	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

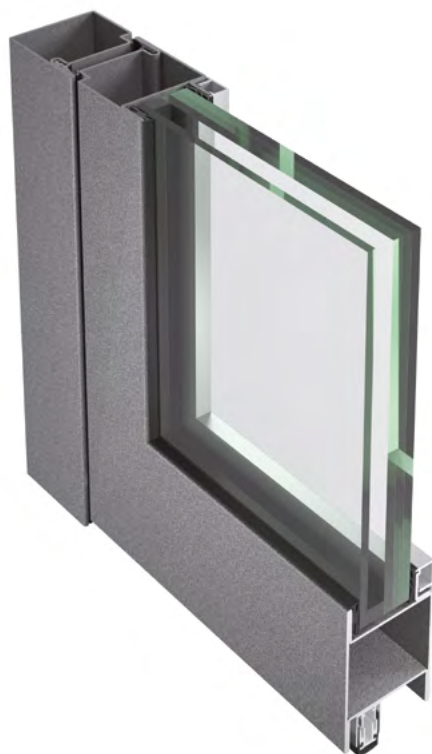
- Fluchttürsysteme geeignet für Notausgänge und Paniktüren
- Fluchttürnorm EN 179 für Notausgangsschlösser erfüllt
- Fluchttürnorm EN 1125 für Panikverschlüsse erfüllt

Systèmes de porte de secours

- Systèmes de porte de secours pour issues de secours et portes panique
- Norme relative aux portes de secours EN 179, remplie pour les fermetures d'issue de secours
- Norme relative aux portes de secours EN 1125, remplie pour les fermetures panique

Emergency exit systems

- Emergency exit systems suitable for emergency exits and panic doors
- Emergency exit standard EN 179 for emergency exit devices fulfilled
- Emergency exit standard EN 1125 for panic exit devices fulfilled



Einbruchhemmende Jansen-Economy 60 RS Türen

- Türgrößen bis 1475 x 3000 mm
- Ein- und zweiflüglige Türen, nach innen und aussen öffnend
- Normal- und Panikfunktion bis RC3
- Geprüft nach EN 1627

Portes anti-effraction Jansen-Economy 60 RS

- Dimensions de porte jusqu'à 1475 x 3000 mm
- Portes à un/deux vantaux ouvrant vers l'intérieur et l'extérieur
- Fonction normale et fonction panique jusqu'à RC3
- Contrôlé selon la norme EN 1627

Burglar-resistant Jansen Economy 60 RS doors

- Door sizes up to 1475 x 3000 mm
- Single and double-leaf doors, inward and outward-opening
- Standard and panic function up to RC3
- Tested in accordance with EN 1627



Verblechte Jansen-Economy 60 RS 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 Jansen-Economy 60 RS

- 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

Jansen Economy 60 RS 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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Info und Beratung

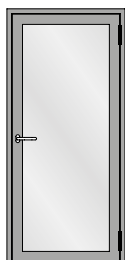
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Info et conseils

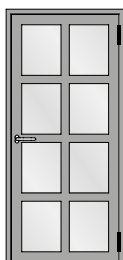
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Information and advice

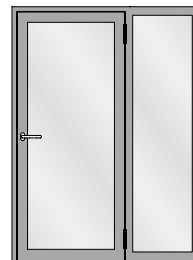
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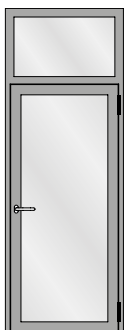
Einflügelige Türe
Porte à un vantail
Single leaf door



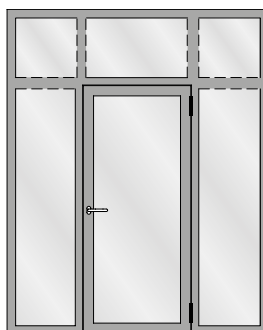
Einflügelige Türe mit Riegel
Porte à un vantail avec traverse
Single leaf door with transom



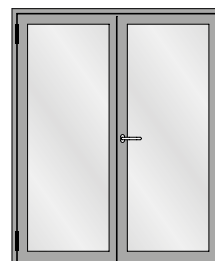
Einflügelige Türe mit festem Seitenteil
Porte à un vantail avec partie latérale fixe
Single leaf door with fixed side light



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



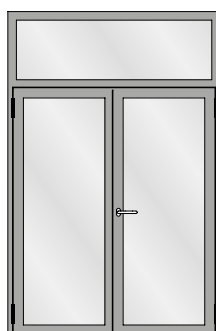
Einflügelige Türe mit zwei festen Seitenteilen
und festem Oberlicht
Porte à un vantail avec deux parties latérale fixe
et imposte fixe
Single leaf door with two fixed side light and
fixed top light



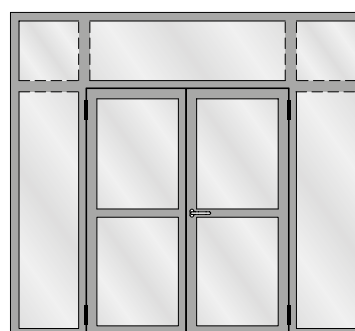
Zweiflügelige Türe
Porte à deux vantaux
Double leaf door



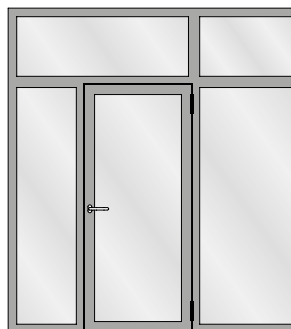
Zweiflügelige Türe mit zwei festen Seitenteilen
Porte à deux vantaux avec deux parties
latérales fixes
Double leaf door with two fixed side lights



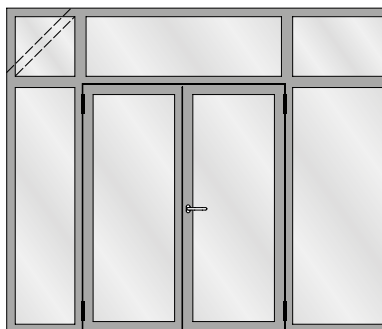
Zweiflügelige Türe mit festem Oberlicht
Porte à deux vantaux avec imposte fixe
Double leaf door with fixed top light



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



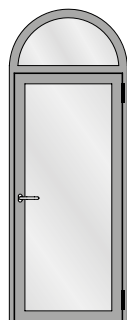
Festverglasung mit einflügeliger Türe
Vitrage fixe avec porte à un vantail
Fixed glazing with single leaf door



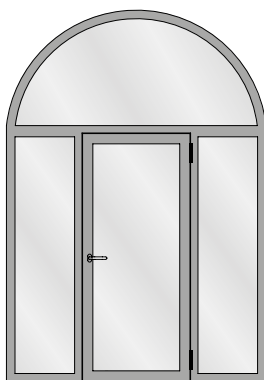
Festverglasung mit zweiflügeliger Türe
Vitrage fixe avec porte à deux vantaux
Fixed glazing with double leaf door



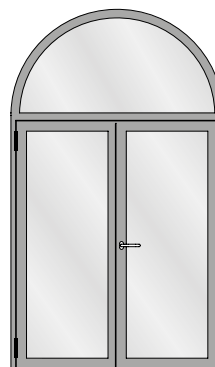
Festverglasung
Vitrage fixe
Fixed glazing



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

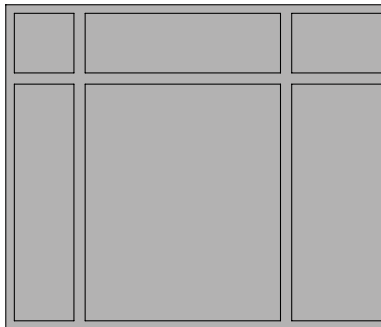
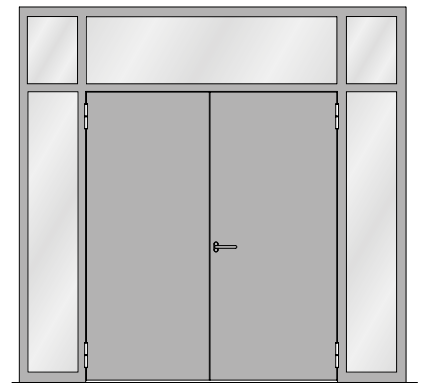
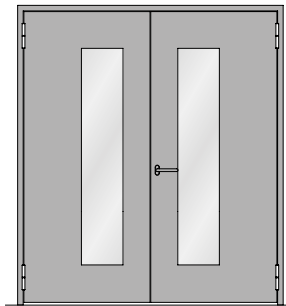
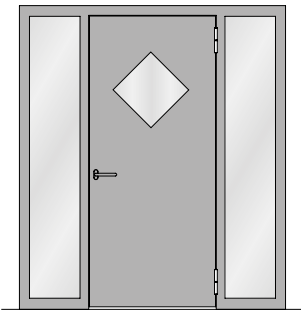
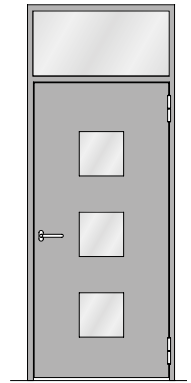
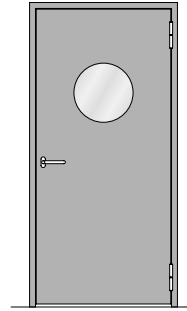
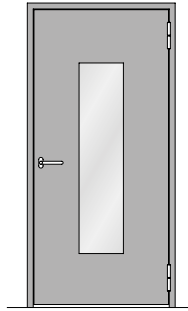
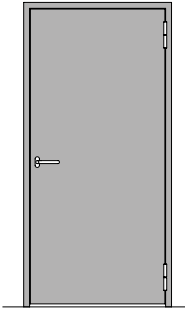


Zweiflügelige Türe mit Rundbogen-Oberlicht
Porte à deux vantaux avec imposte demi-ronde
Double leaf door with round arched top light

**Für Festverglasungen gelten
nationale Zulassungen.**

**Les homologations nationales
s'appliquent aux vitrages fixes.**

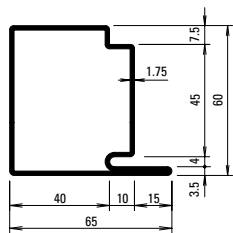
**National approvals apply to fixed
glazing.**



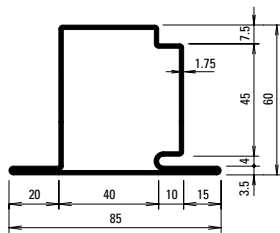
Für Festverglasungen gelten
nationale Zulassungen.

Les homologations nationales
s'appliquent aux vitrages fixes.

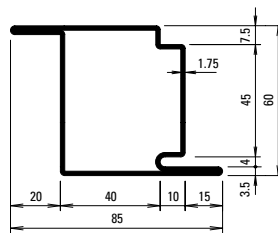
National approvals apply to fixed
glazing.



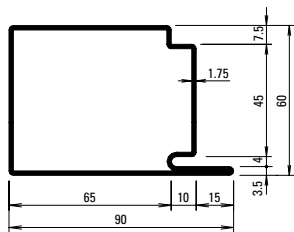
30.019
30.019 Z



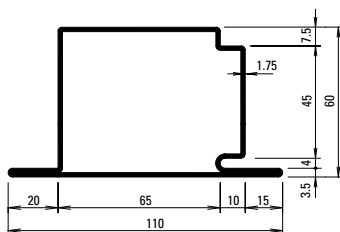
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30.119 Z



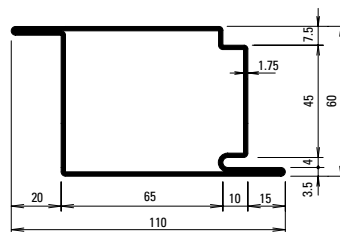
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30.419 Z



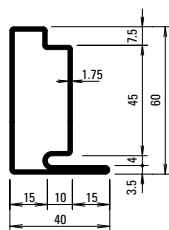
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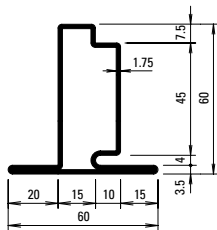
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30.117 Z



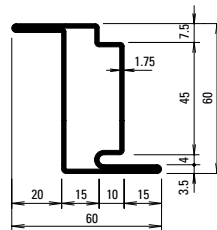
30.415



30.018
30.018 Z



30.118
30.118 Z



30.418
30.418 Z

Oberfläche/Werkstoff

Artikel-Nr.

ohne Zusatz = blank

mit Z = bandverzinkter Stahl

Surface/Matériau

No. d'article

sans supplément = brut

avec Z = bande d'acier zinguée

Surface/Material

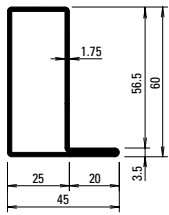
Part no.

without addition = bright

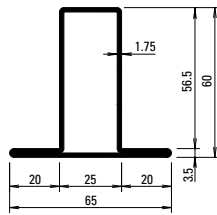
with Z = strip galvanised steel

Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
30.017	4,200	5,36	31,32	9,09	48,57	10,35	0,312
30.018	2,830	3,61	15,95	4,35	4,77	1,93	0,212
30.019	3,520	4,48	23,69	6,70	19,75	5,55	0,262
30.117	4,750	6,04	34,75	9,35	65,74	11,51	0,350
30.118	3,370	4,29	18,64	4,65	8,26	2,75	0,250
30.119	4,050	5,16	26,80	6,99	29,12	6,58	0,300

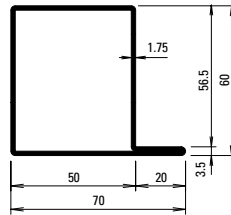
Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
30.415	4,750	6,04	37,79	12,28	65,74	11,51	0,350
30.418	3,370	4,29	22,92	7,37	8,62	2,75	0,250
30.419	4,050	5,16	30,36	9,82	29,12	6,58	0,300



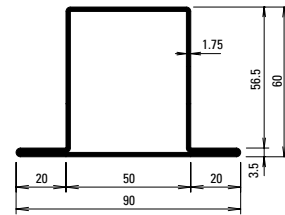
01.634
01.634 Z



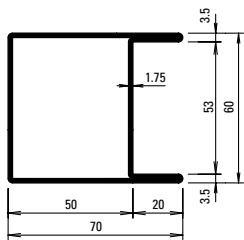
02.634
02.634 Z



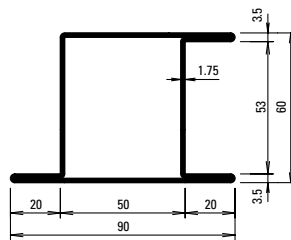
01.684
01.684 Z



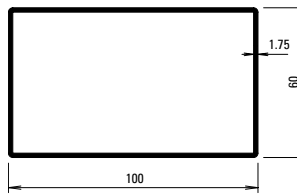
02.684
02.684 Z



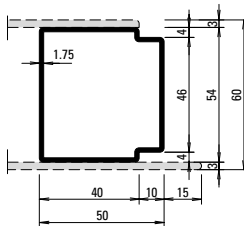
04.637
04.637 Z



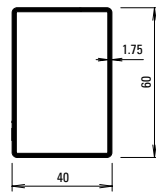
05.637
05.637 Z



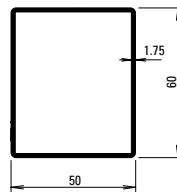
400.051
400.051 Z



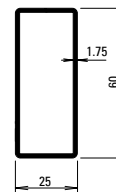
81.010
81.010 Z



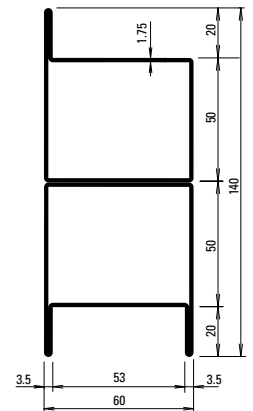
400.052
400.052 Z



400.054
400.054 Z



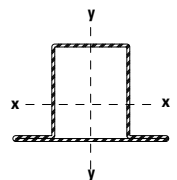
400.055
400.055 Z



05.001

Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
01.634	2,730	3,48	16,71	4,71	6,04	2,15	0,204
02.634	3,270	4,17	19,66	5,01	10,34	3,18	0,243
01.684	3,430	4,37	24,34	7,07	22,12	5,59	0,255
02.684	3,960	5,05	27,70	7,36	31,93	7,09	0,294
04.637	3,960	5,05	30,62	10,2	27,45	7,71	0,294
05.637	4,500	5,72	35,42	10,6	39,45	8,02	0,333
81.010	2,700	3,43	14,53	5,38	13,05	5,10	0,202
400.051	4,300	5,44	76,01	15,2	34,64	11,55	0,316
400.052	2,630	3,34	8,98	4,49	16,86	5,62	0,197
400.054	2,900	3,69	14,97	5,98	19,83	6,61	0,217
400.055	2,210	2,82	3,08	2,47	12,41	4,13	0,167

Stabachse
Axe de la barre
Bar axis



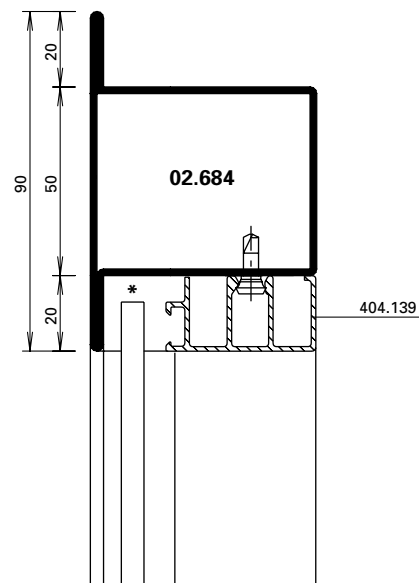
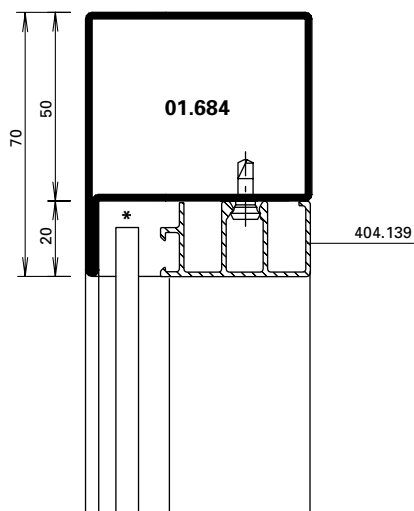
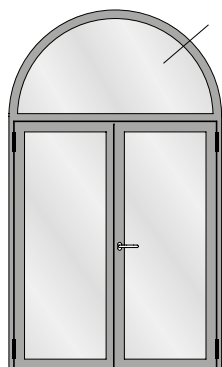
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Article library

DXF

DWG

Bogentüren
Portes cintrées
Arched doors

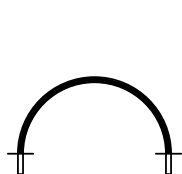
Jansen-Economy 60 RS DIN 18095
Jansen-Economy 60 RS DIN 18095
Jansen-Economy 60 RS DIN 18095



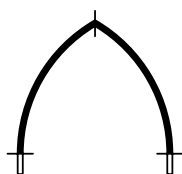
* Füllelemente mit rauchdichtem dauerelastischem Dichtstoff (z.B. 450.092) vollständig in den Glasfalzgrund einkleben.

* Coller entièrement les éléments de remplissage avec produit d'étanchéité à l'élasticité permanente (p.ex. 450.092) dans la feuillure en verre.

* Infill panels with smoke-tight, permanently flexible sealant (e.g. 450.092) fully glued into the glazing rebate platform.



Halbrundbogen
Arc semi-circulaire
Semi-circular arch



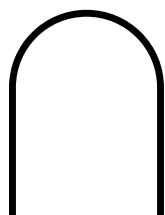
Spitzbogen
Arc en ogive
Gothic arch



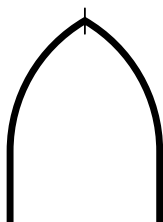
Stichbogen
Arc bombé
Segmented arch



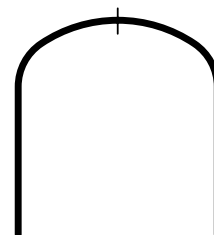
Korbbogen
Anse de panier
Oval arch



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

Jansen-Economy 60 RS DIN 18095
Jansen-Economy 60 RS DIN 18095
Jansen-Economy 60 RS DIN 18095

Profil Profilé Profile	Min. Radius Rayon min. Min. radius R	
	blank brut bright	verzinkt zingué galvanised
	mm	mm
01.634	350	
01.684	450	900
		
02.634	350	600
02.684		1050
		
04.637		1550
		
05.637		1550
		
400.052	900	1100
400.054		1000
400.055		700

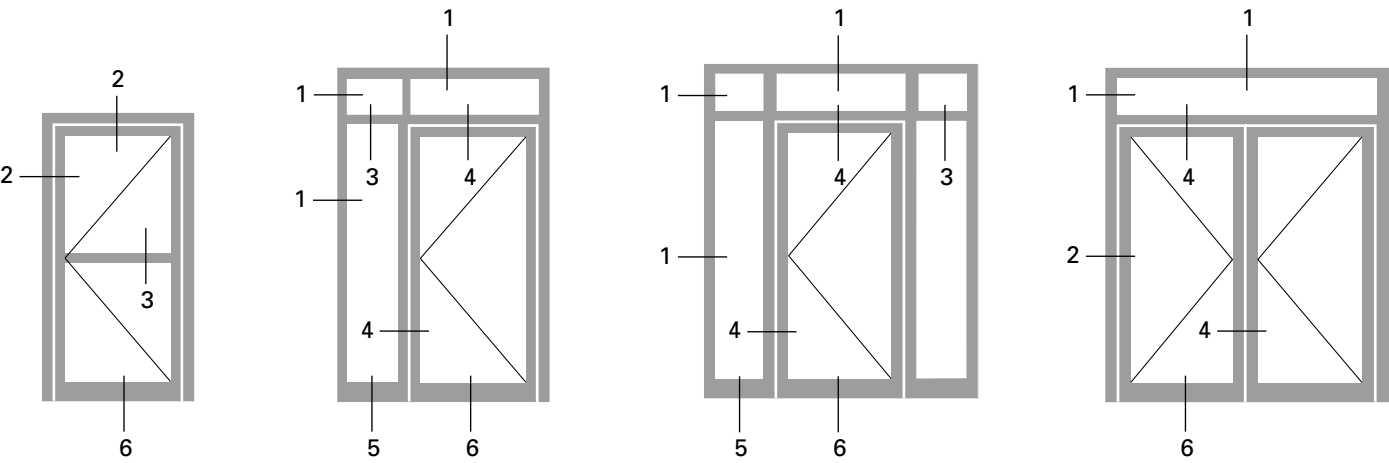
Stahl-Glasleisten Parcloses en acier Steel glazing beads	Min. Radius Rayon min. Min. radius R
	
402.112 Z	500 mm
402.115 Z	500 mm
402.120 Z	600 mm
402.125 Z	750 mm
402.130 Z	1000 mm
402.135 Z	1500 mm
	
62.507 Z	500 mm
62.508 Z	500 mm
62.509 Z	500 mm

Aluminium-Glasleisten Parcloses en aluminium Aluminium glazing beads	Min. Radius Rayon min. Min. radius R
	
404.112	400 mm
404.115	400 mm
404.120	400 mm
404.125	450 mm
404.130	500 mm
404.135	600 mm
	
405.115	500 mm
405.120	500 mm
405.125	800 mm
405.130	1000 mm
406.903	500 mm
406.905	500 mm
406.907	500 mm
406.909	600 mm

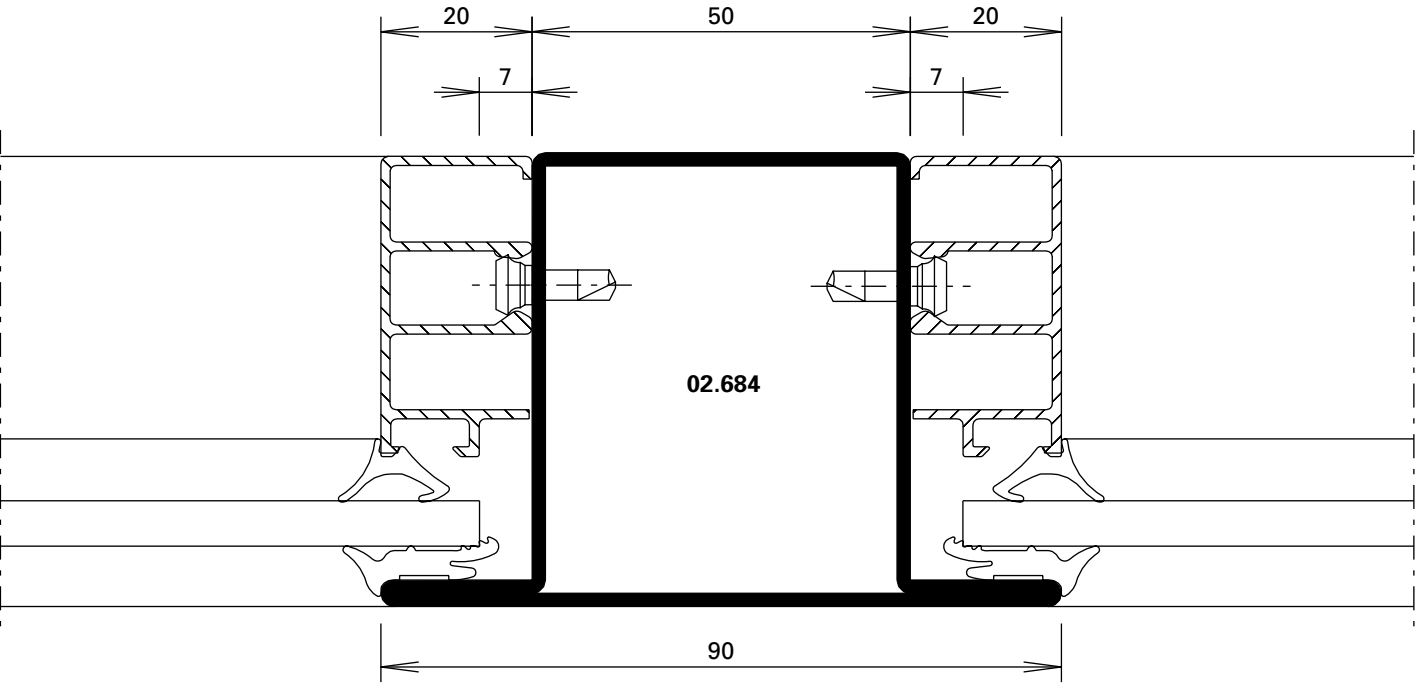
Die Radien-Angaben beziehen sich auf die langjährige Erfahrung und Fertigung im Hause Jansen.

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

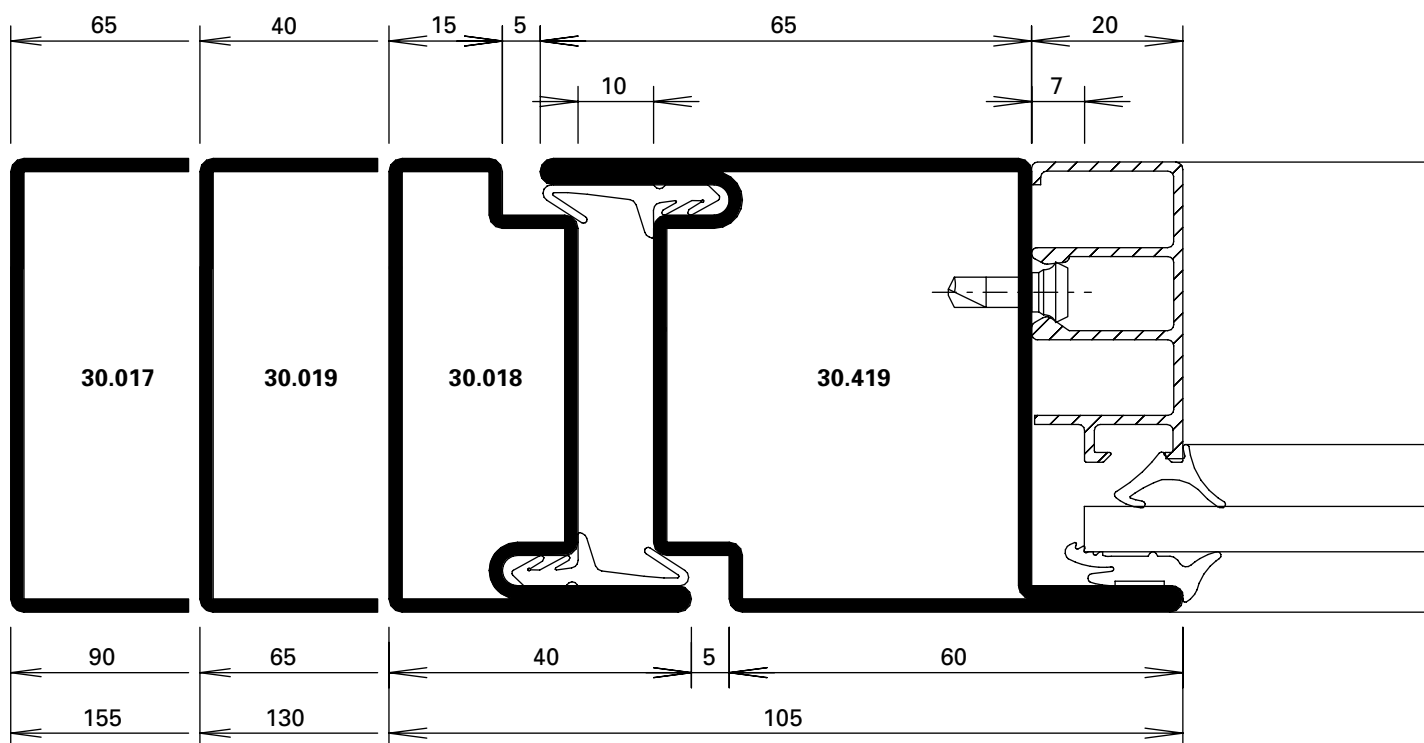
The radii specifications are based on the many years of experience Jansen has in fabrication.



3.0



2.0

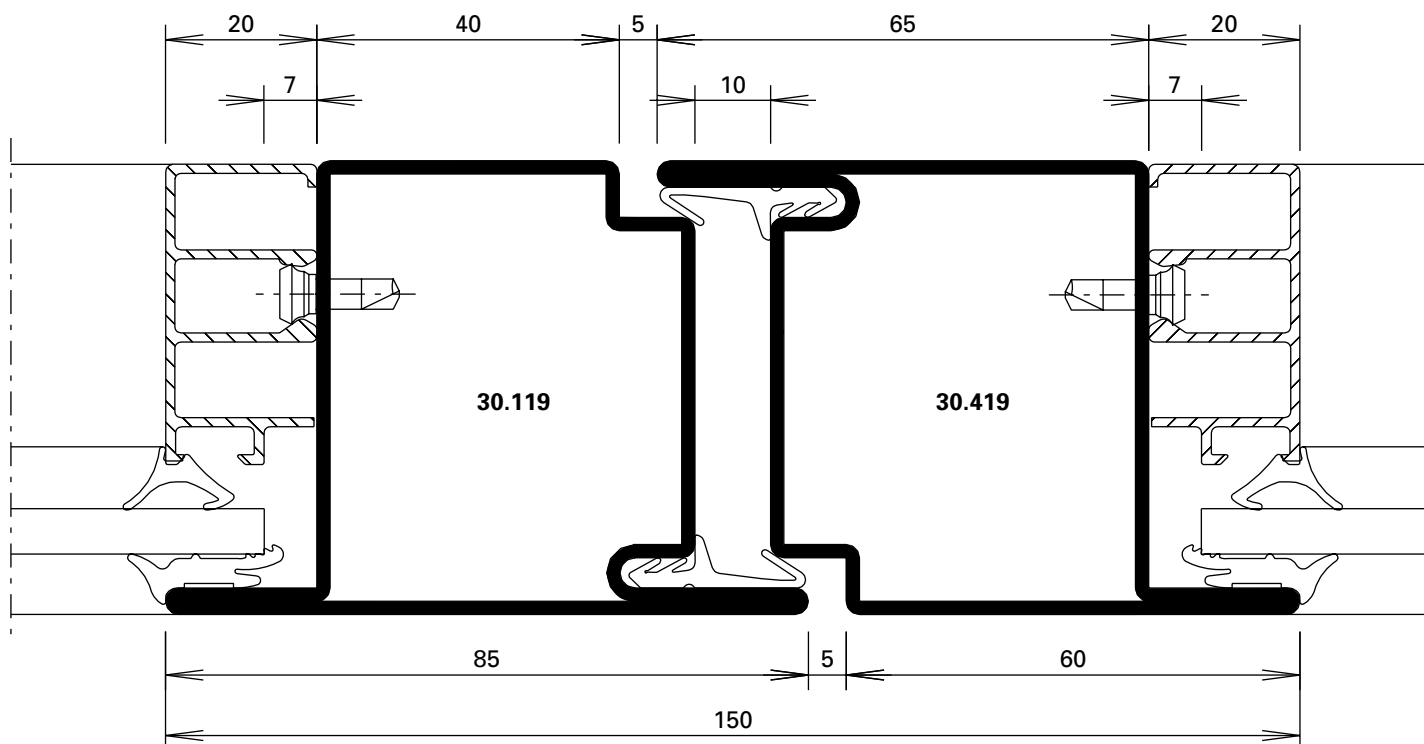


DXF

DWG

41-0301-C-004

4.0

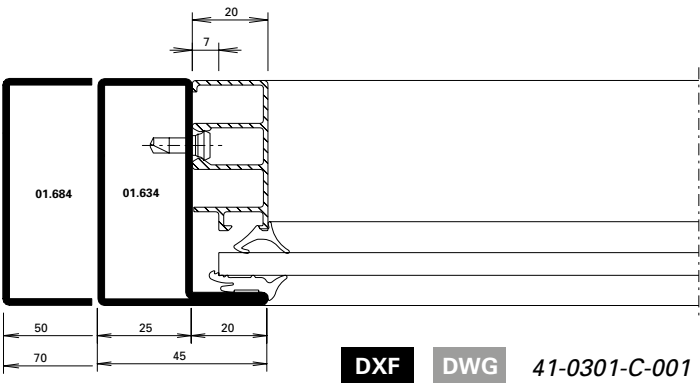


DXF

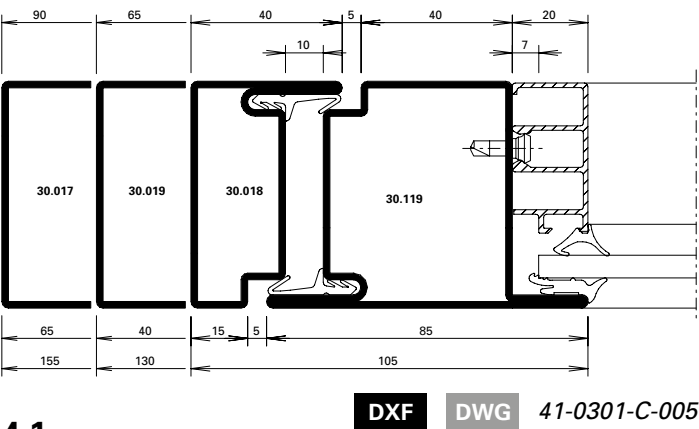
DWG

41-0301-C-008

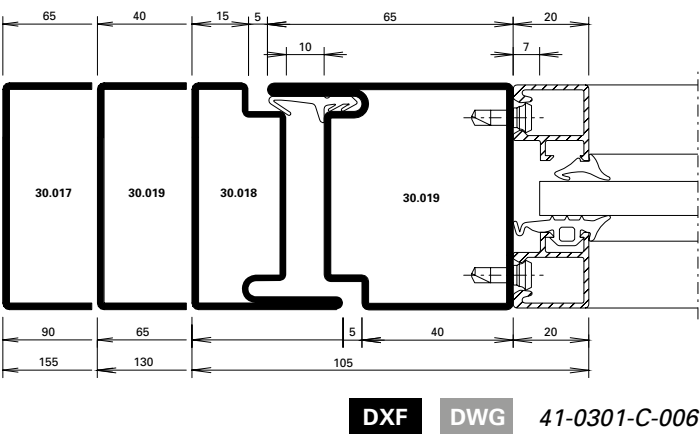
1.0



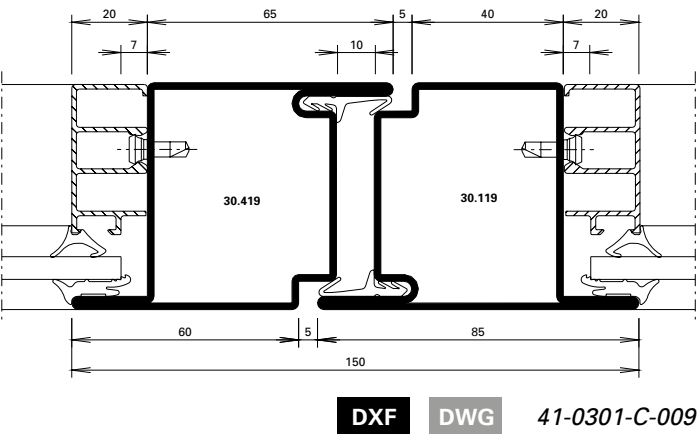
2.1



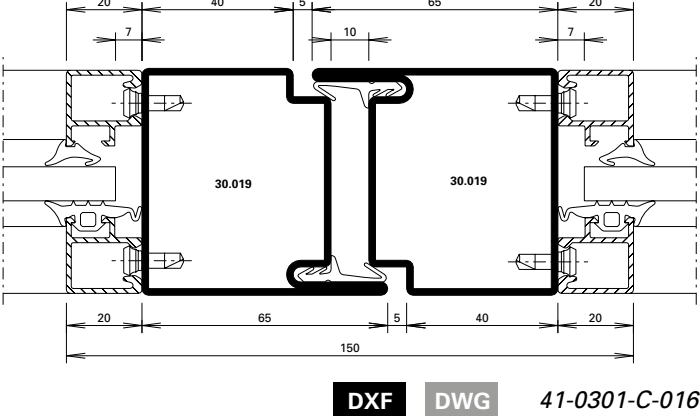
2.2



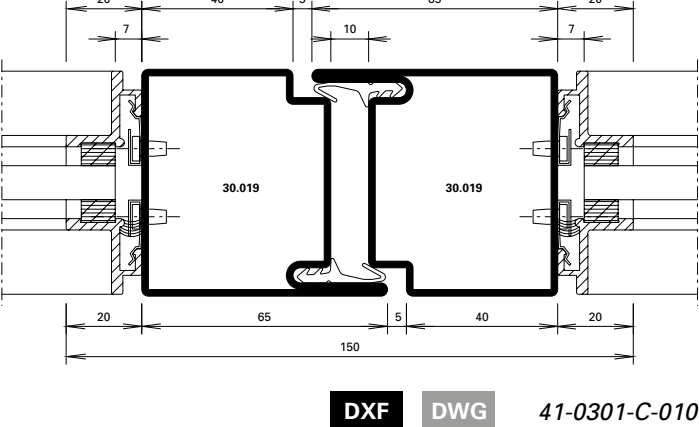
4.1



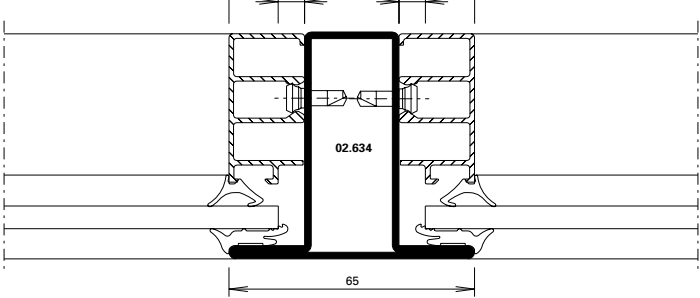
4.2

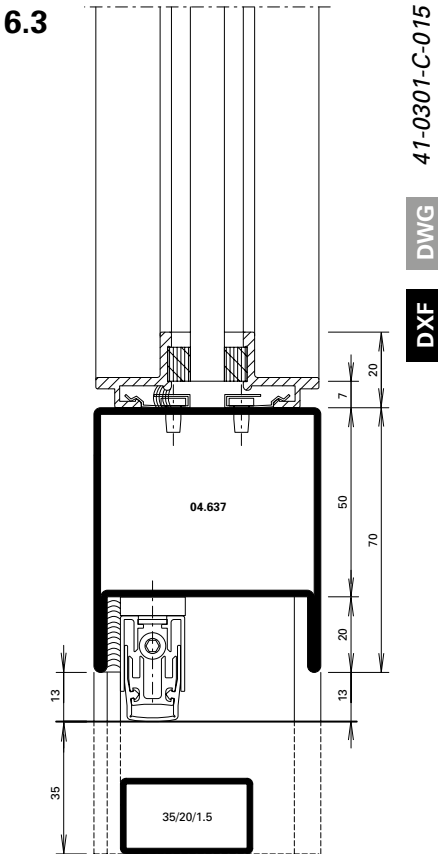
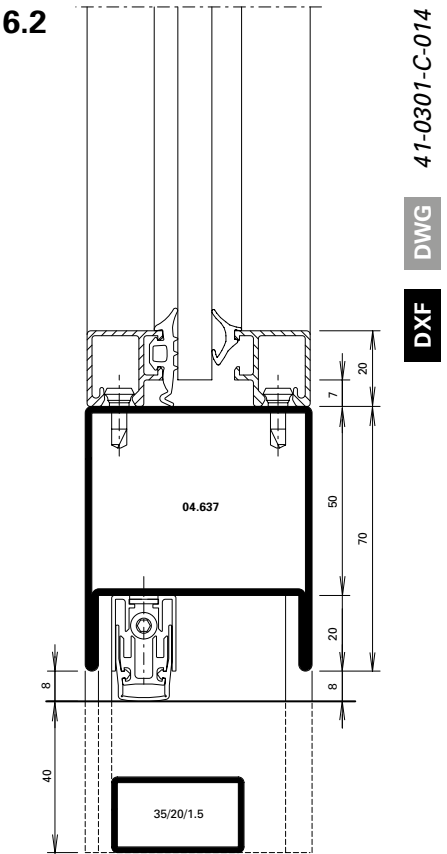
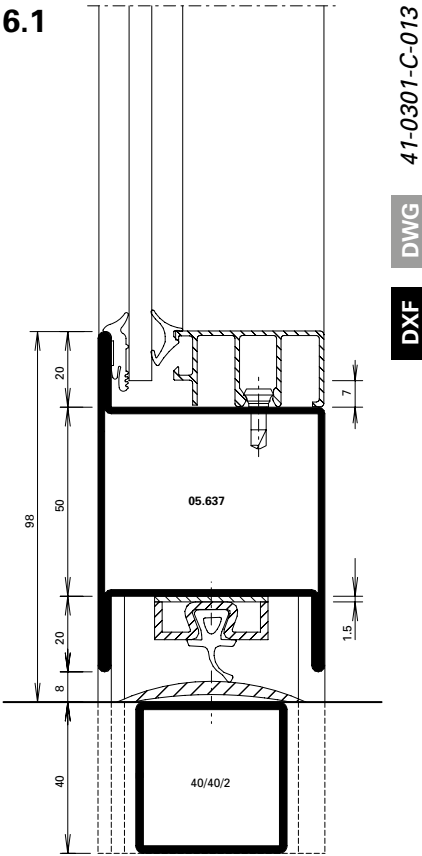
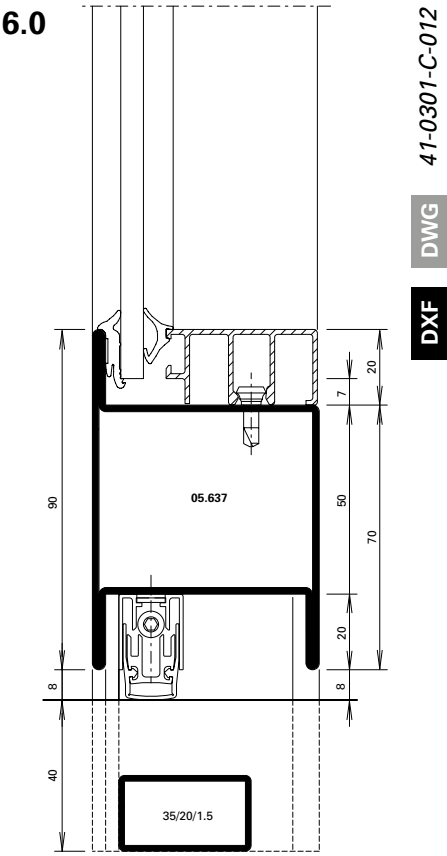
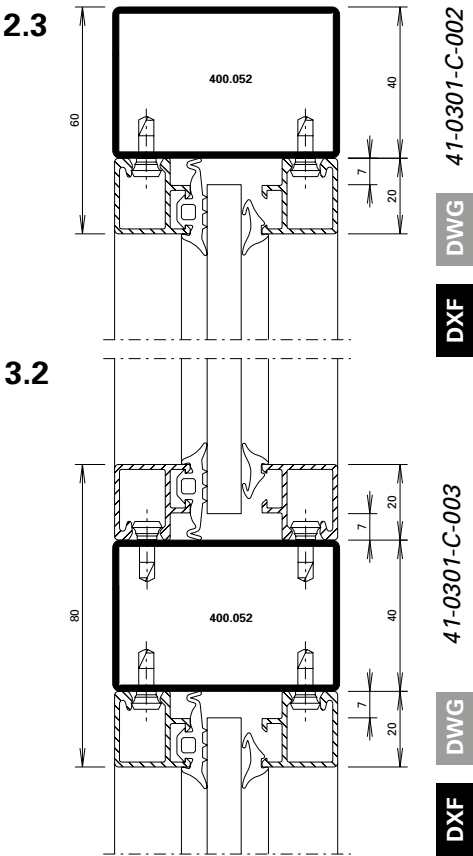


4.3



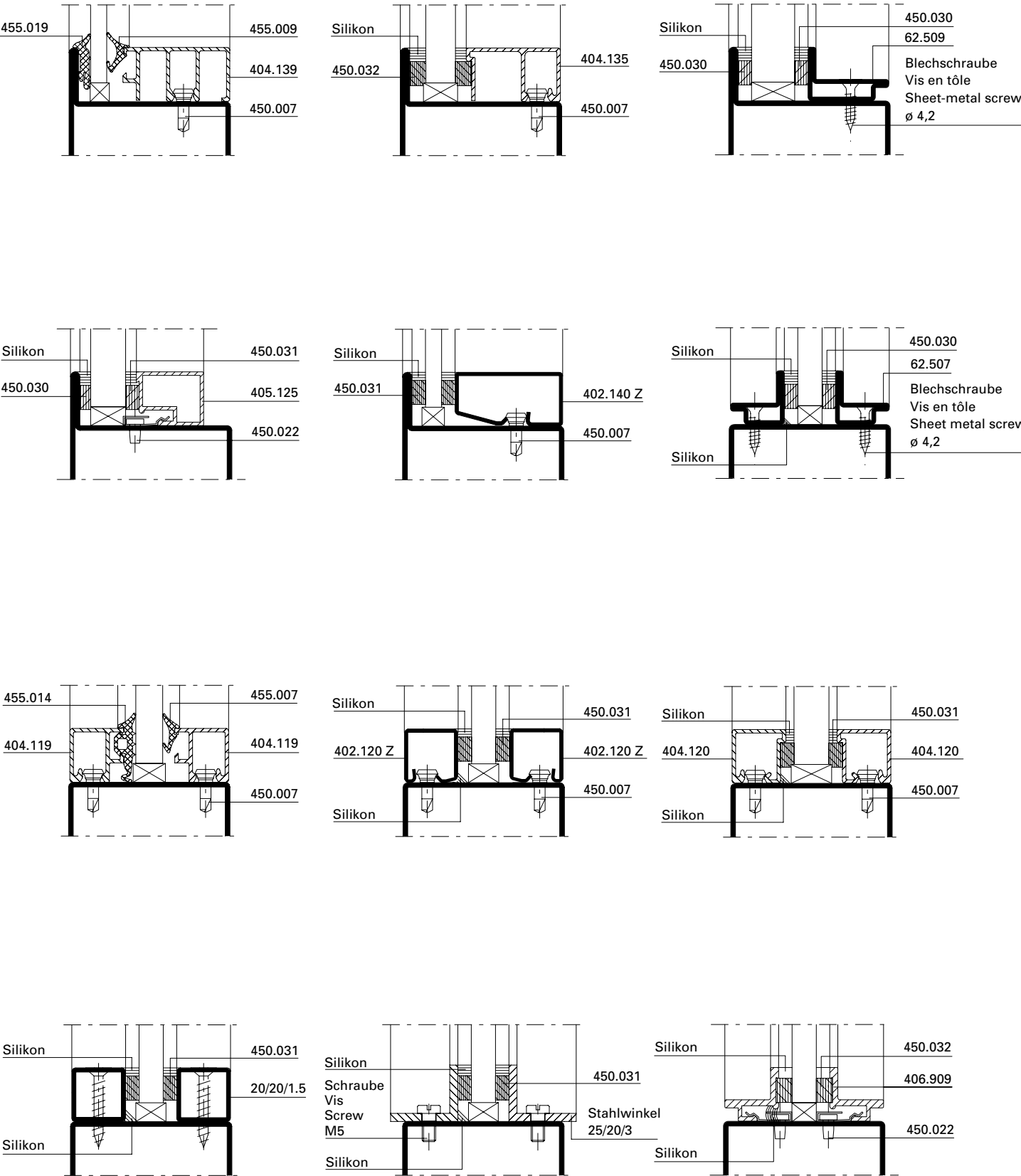
3.1

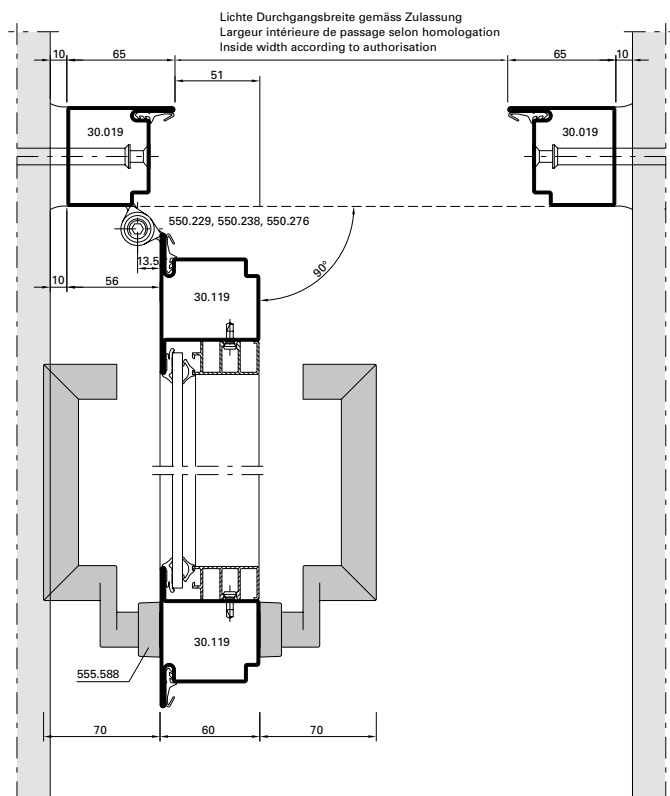




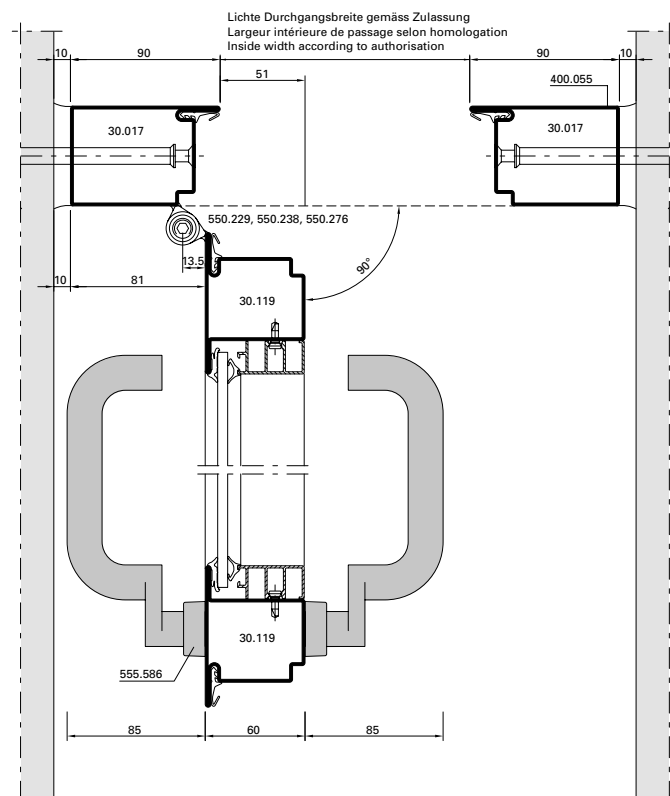
Glasleisten-Varianten im Massstab 1:2
Variantes de parcloles à l'échelle 1:2
Glazing bead options on scale 1:2

Jansen-Economy 60 RS DIN 18095
Jansen-Economy 60 RS DIN 18095
Jansen-Economy 60 RS DIN 18095

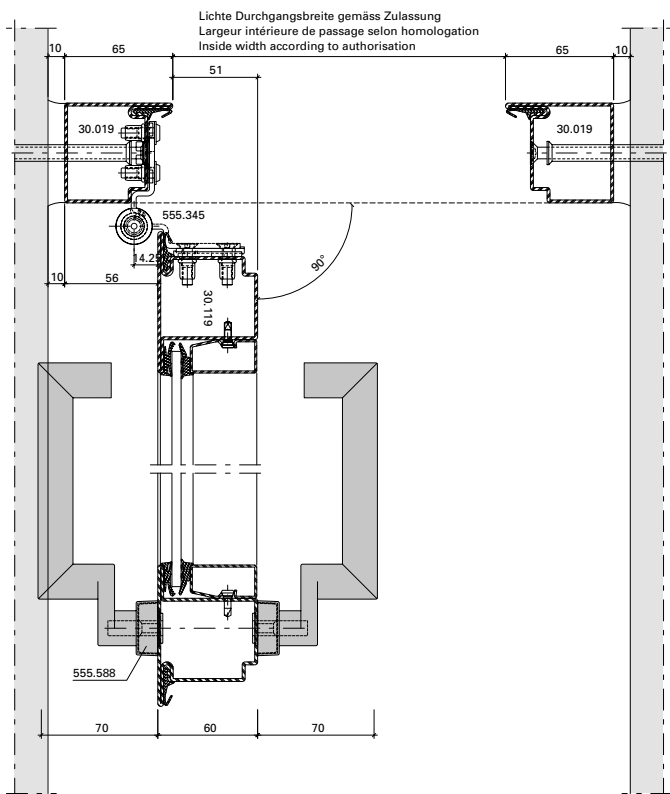




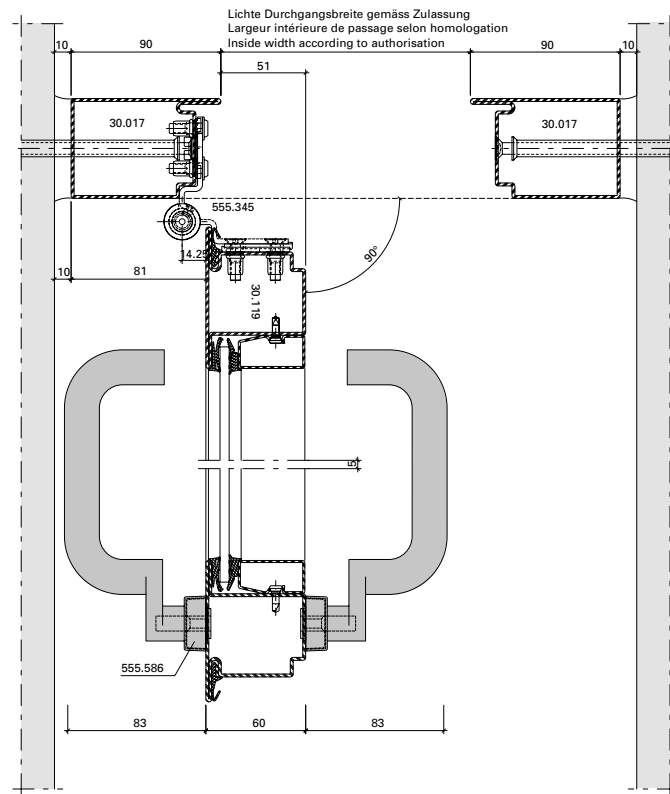
DXF **DWG** 41-0301-E-013



DXF **DWG** 41-0301-E-014

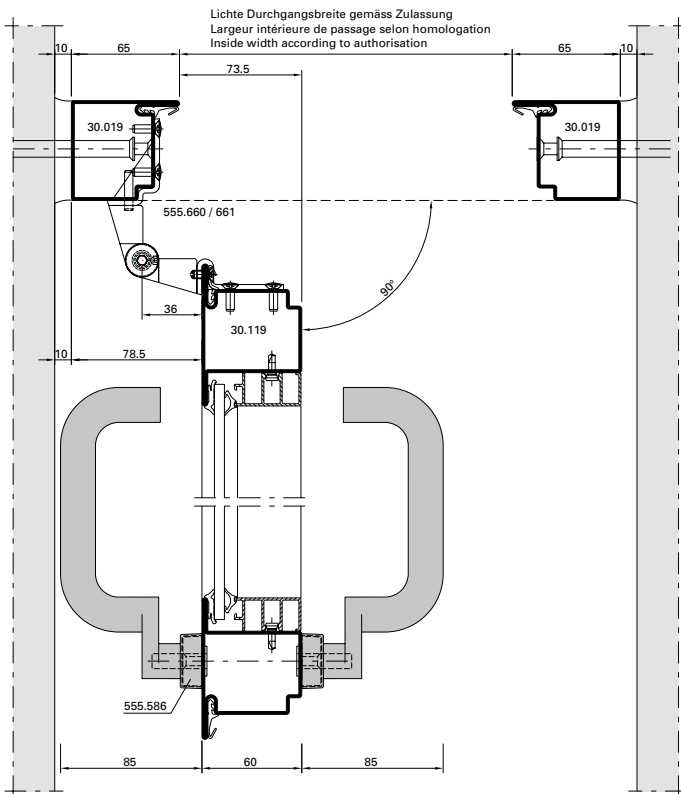


DXF **DWG** 41-0301-E-015

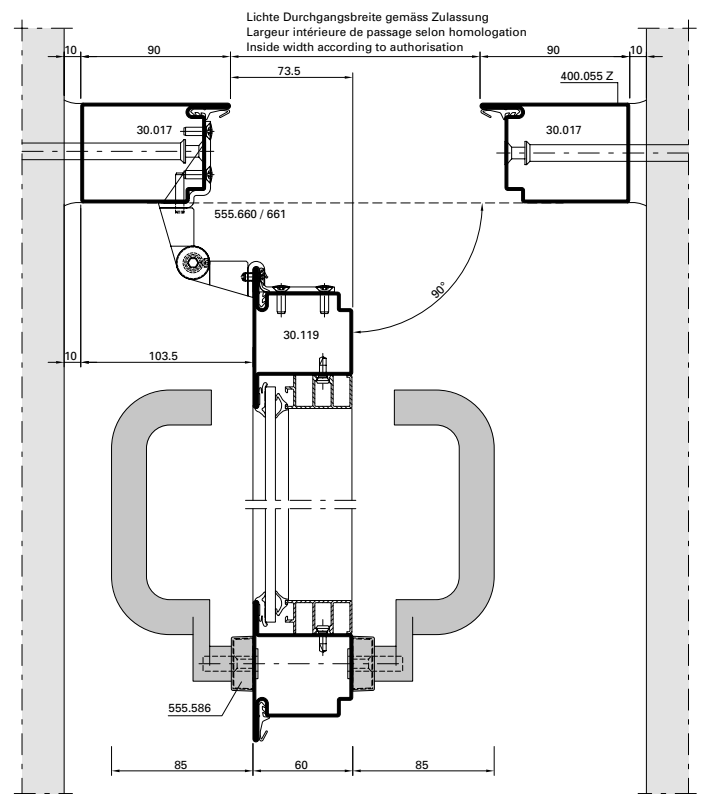


DXF **DWG** 41-0301-E-016

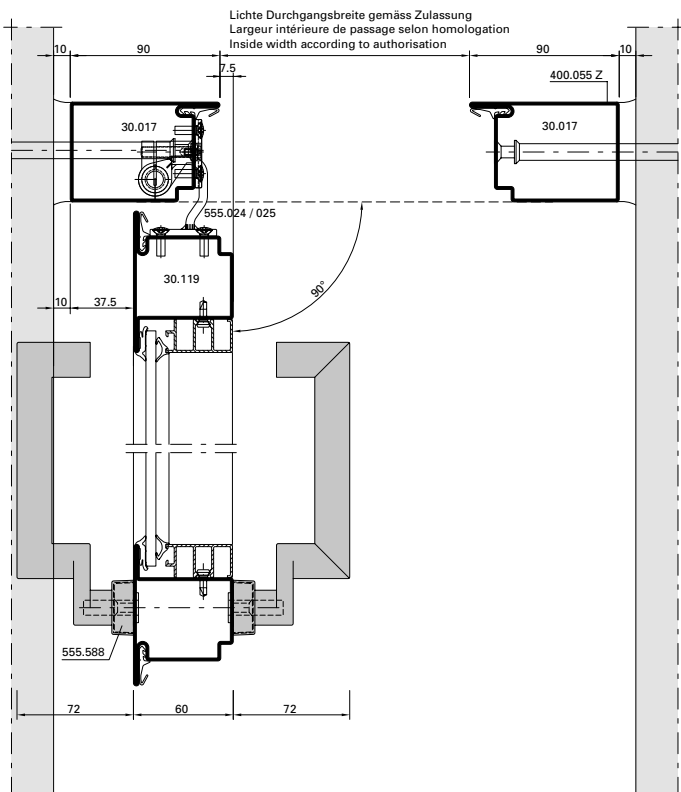




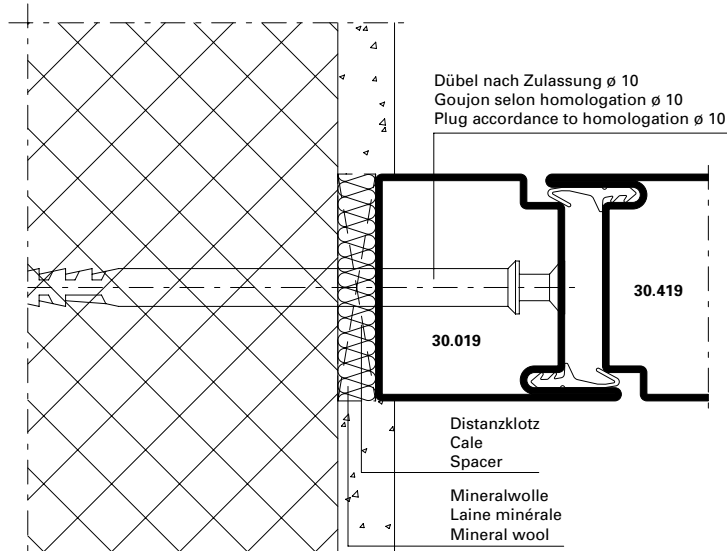
DXF **DWG** 41-0301-E-023



DXF **DWG** 41-0301-E-022



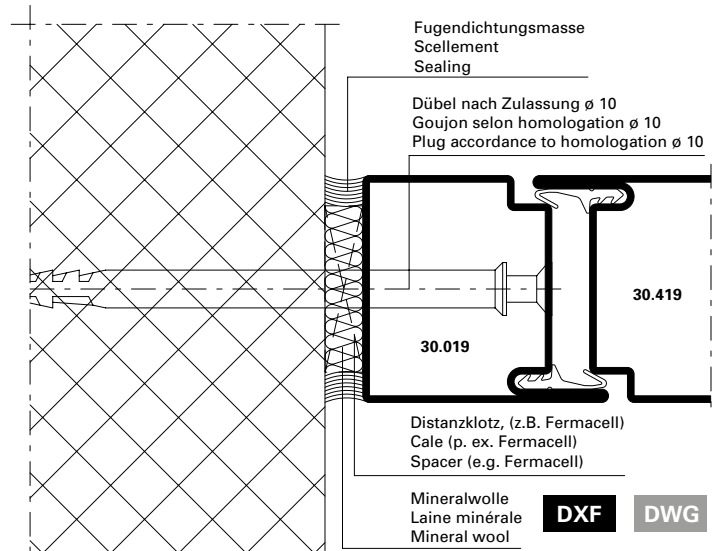
DXF **DWG** 41-0301-E-021



DXF

DWG

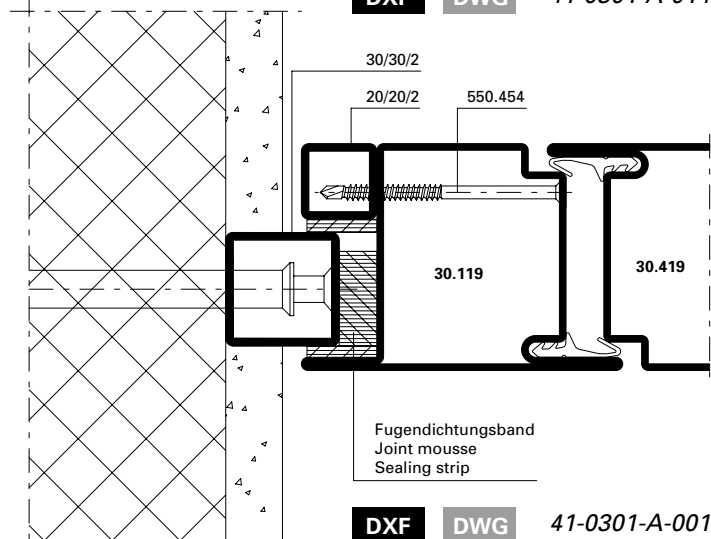
41-0301-A-014



DXF

DWG

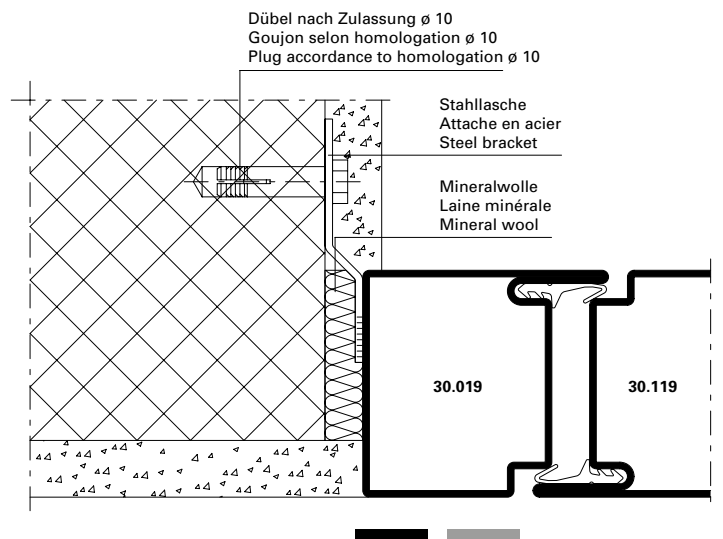
41-0301-A-015



DXF

DWG

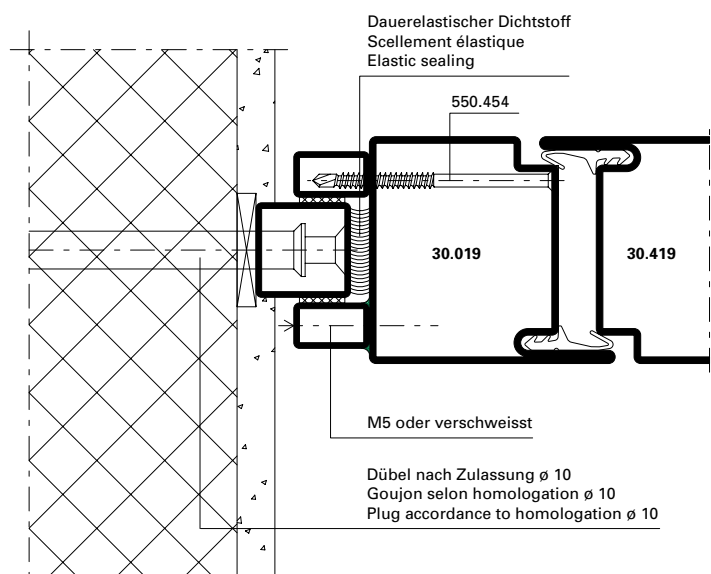
41-0301-A-001



DXF

DWG

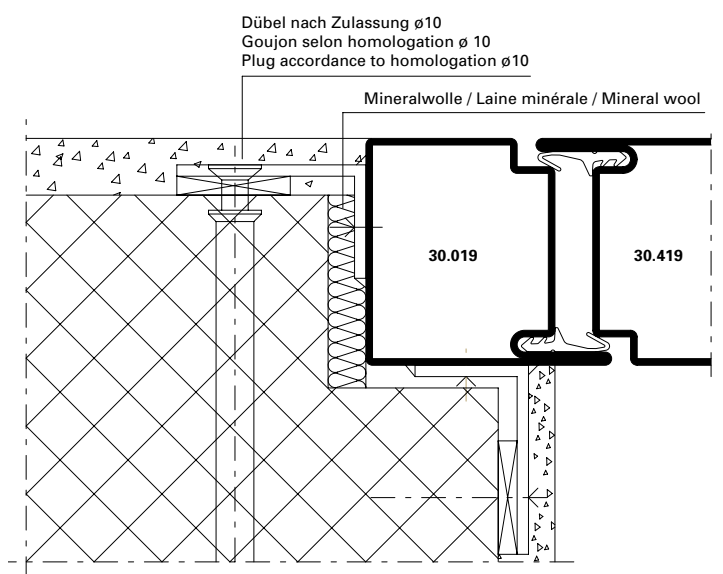
41-0301-A-002



DXF

DWG

41-0301-A-003



DXF

DWG

41-0301-A-016

Anschlüsse am Bau im Masstab 1:2

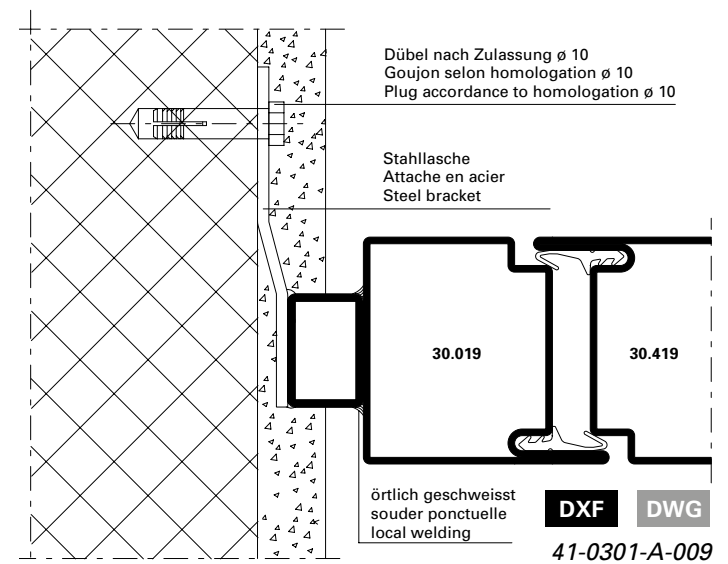
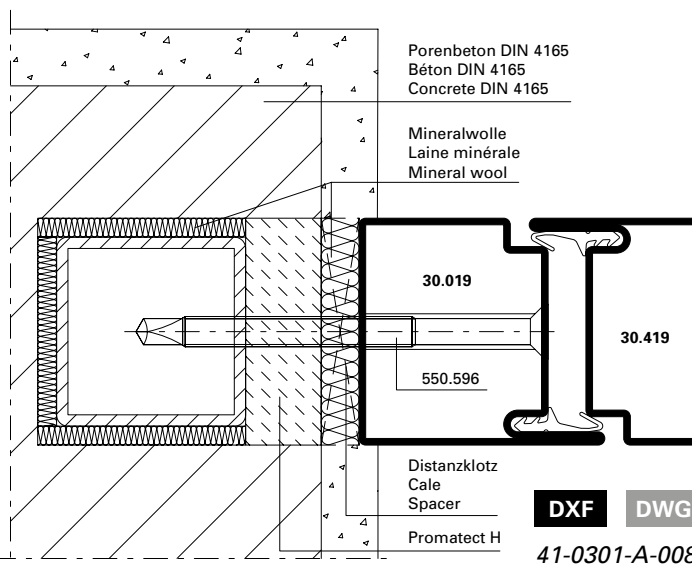
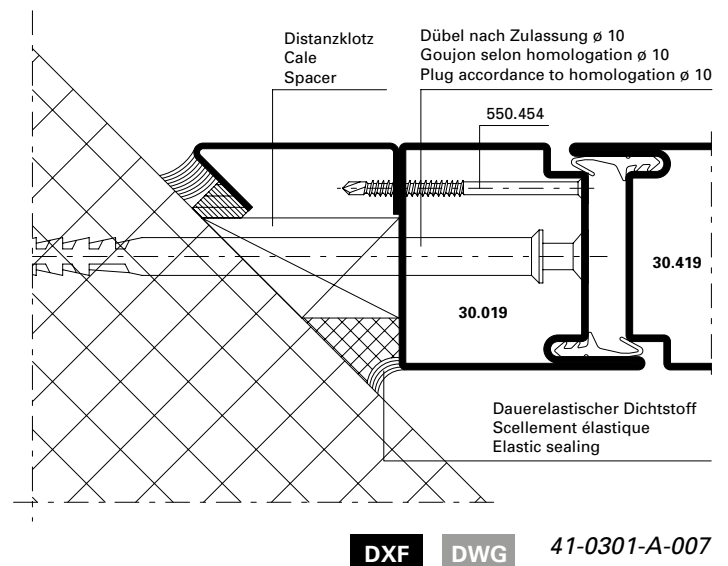
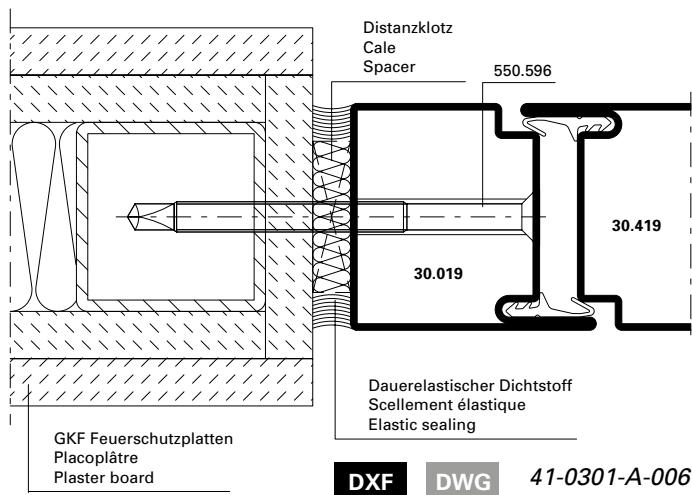
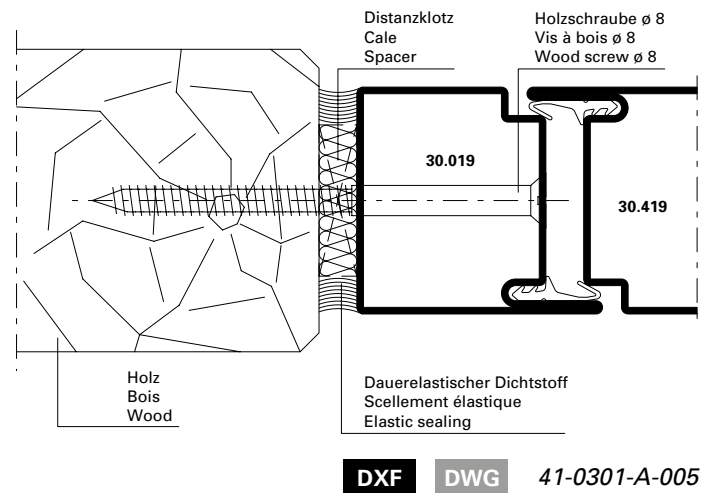
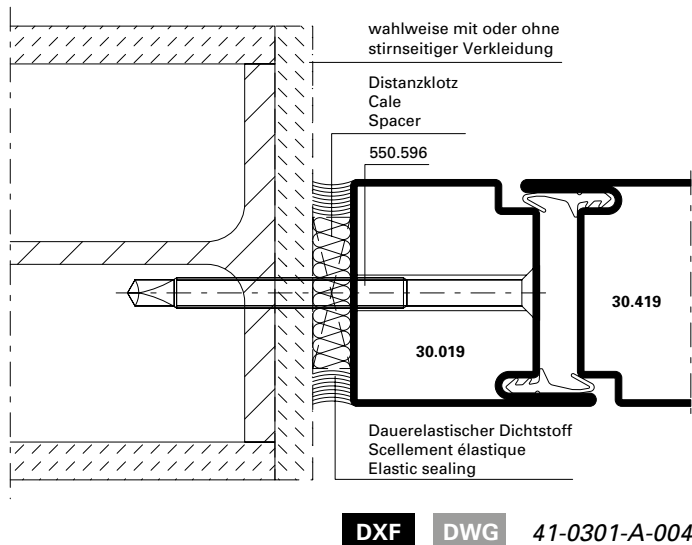
Raccords au mur à l'échelle 1:2

Attachment to structure on scale 1:2

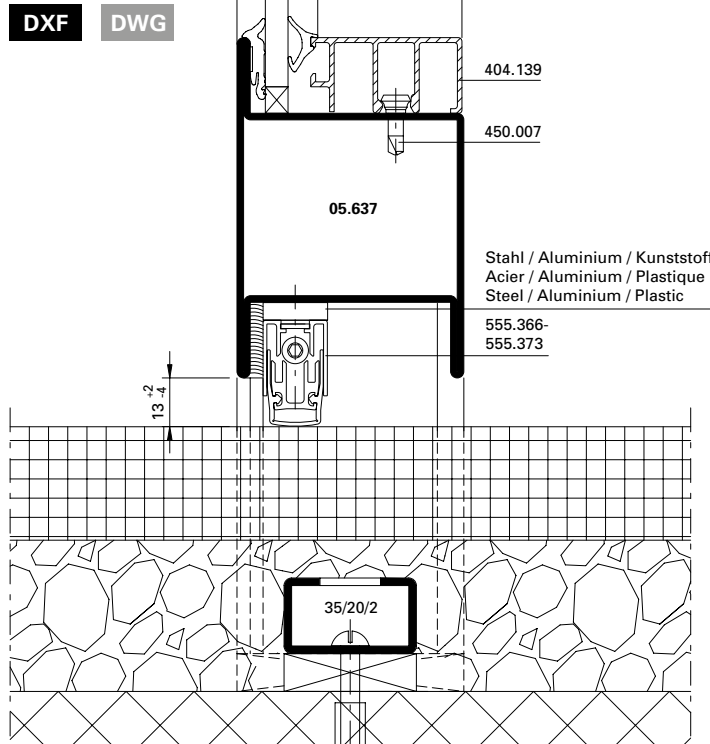
Jansen-Economy 60 RS DIN 18095

Jansen-Economy 60 RS DIN 18095

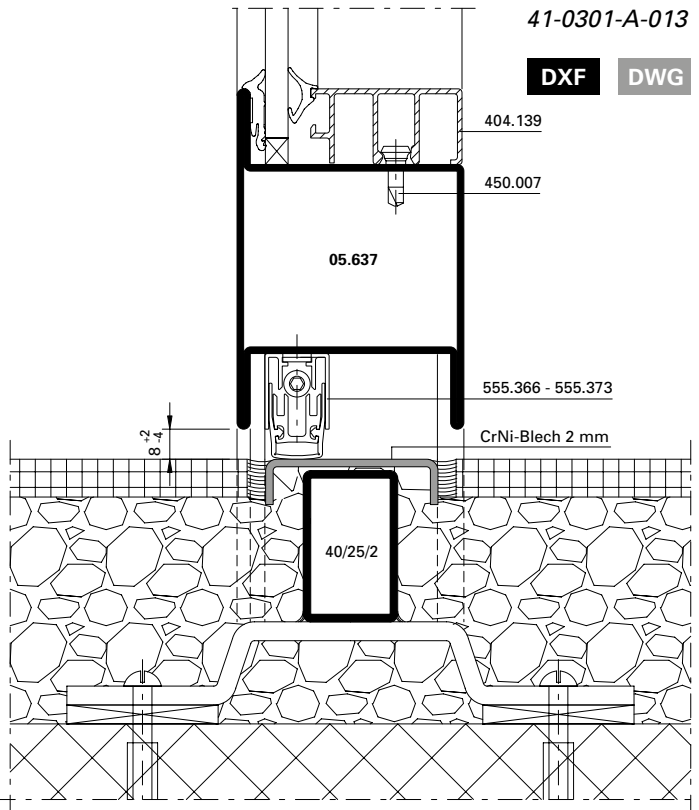
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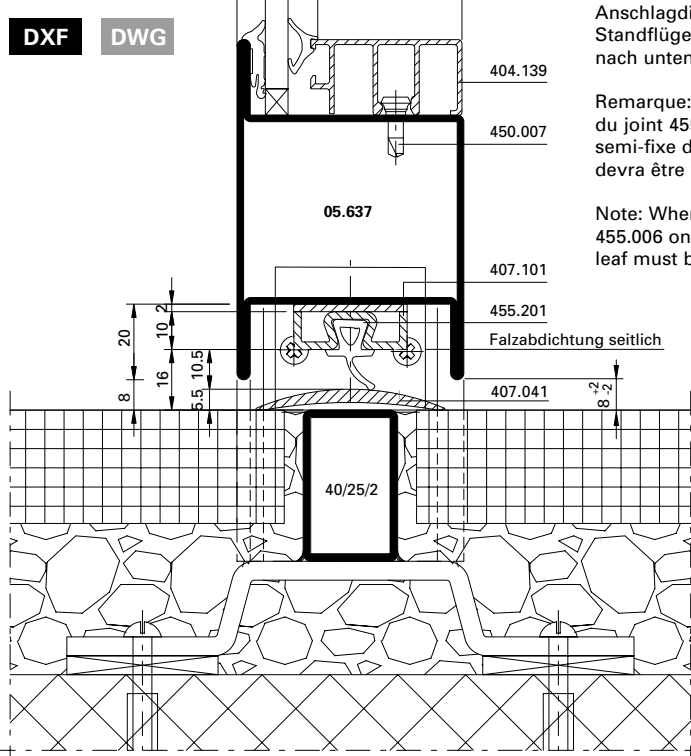
41-0301-A-011



41-0301-A-013



41-0301-A-010

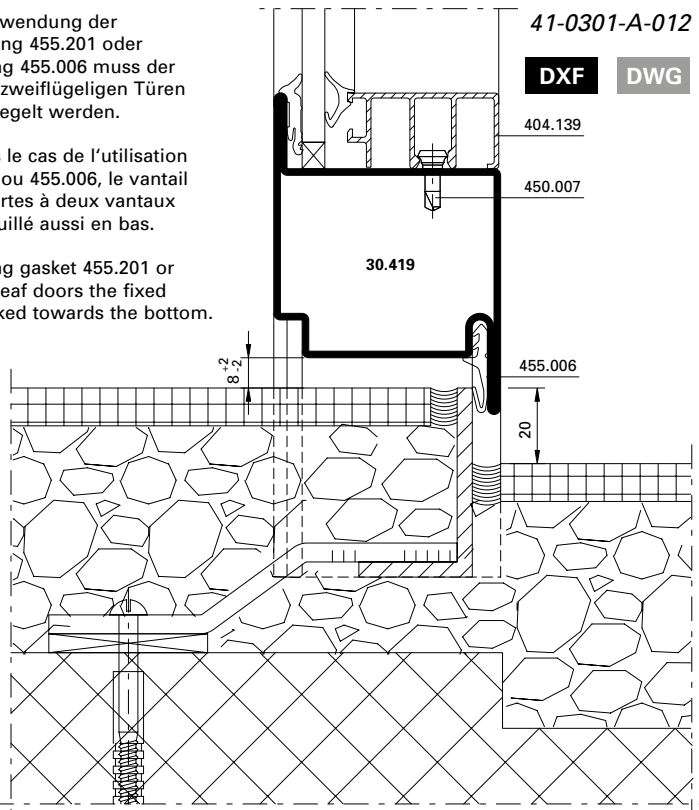


Hinweis: Bei Verwendung der Schwellendichtung 455.201 oder Anschlagdichtung 455.006 muss der Standflügel von zweiflügeligen Türen nach unten verriegelt werden.

Remarque: Dans le cas de l'utilisation du joint 455.201 ou 455.006, le vantail semi-fixe des portes à deux vantaux devra être verrouillé aussi en bas.

Note: When using gasket 455.201 or 455.006 on two leaf doors the fixed leaf must be locked towards the bottom.

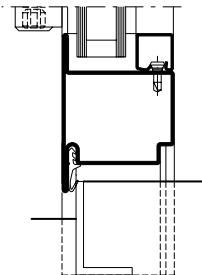
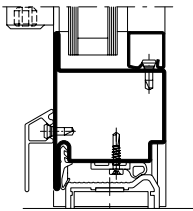
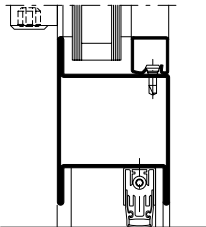
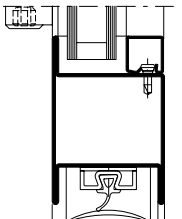
41-0301-A-012



**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
Anschlagdichtung Joint de butée Rebate gasket		1	2	1A	C4
		2	2	2A	C4
		3	3	2A	C5
Doppel-Anschlagdichtung Joint de base double Double rebate gasket		1	4	3A	C4
		2	4	3A	C4
		3	4	5A	C5
Senkdichtung Joint seuil Drop seal		1	2	1A	C4
		2	2	2A	C4
		3	3	2A	C5
Auflaufdichtung Joint de contact Ramp seal		1	2	0	C4
		2	2	0	C4
		3	2	0	C5

1 Fallenriegel-Schloss
Serrure à mortaiser
Latch and bolt lock

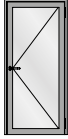
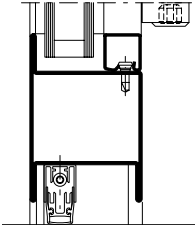
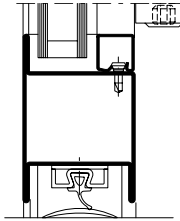
2 Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

3 Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

**Einflügelige Türen,
einwärts öffnend,
Flügelhöhe ≤ 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 Joint seuil Drop seal		❶	2	0	C4
		❷	2	0	C4
		❸	3	1A	C5
Auflaufdichtung Joint de contact Ramp seal		❶	2	0	C4
		❷	2	0	C4
		❸	2	0	C5

❶ Fallenriegel-Schloss
Serrure à mortaiser
Latch and bolt lock

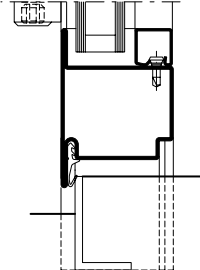
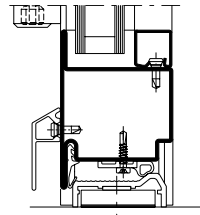
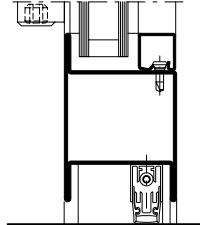
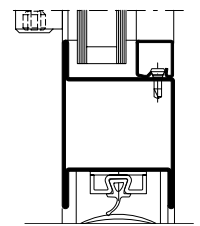
❷ Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

**Einflügelige Türen,
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
Anschlagdichtung Joint de butée Rebate gasket		1 1	0	C1
	2	1	0	C1
	3	1	0	C2
Doppel-Anschlagdichtung Joint de base double Double rebate gasket		1 1	1A	C1
	2	1	1A	C1
	3	2	2A	C2
Senkdichtung Joint seuil Drop seal		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

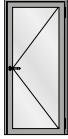
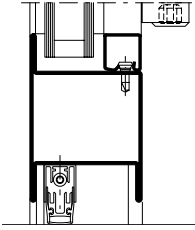
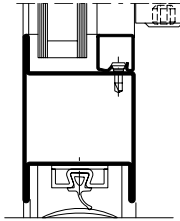
2 Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

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 Joint seuil Drop seal		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

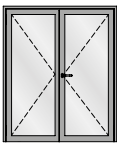
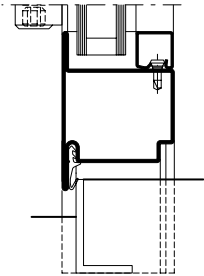
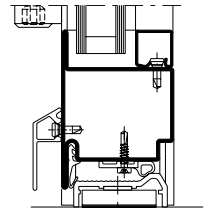
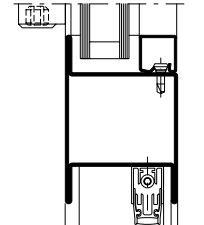
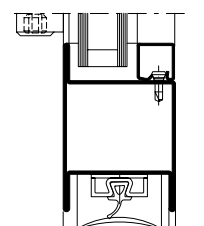
❷ Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

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
Anschlagdichtung Joint de butée Rebate gasket		❶	2	1A	C2
		❷	2	2A	C2
		❸	2	2A	C3
Doppel-Anschlagdichtung Joint de base double Double rebate gasket		❶	2	2A	C2
		❷	2	2A	C2
		❸	3	3A	C3
Senkdichtung Joint seuil Drop seal		❶	2	1A	C2
		❷	2	2A	C2
		❸	2	2A	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

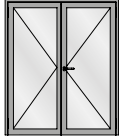
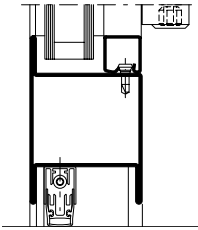
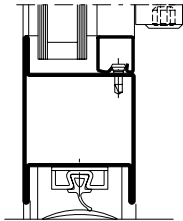
❷ Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

❸ Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

**Zweiflügelige Türen,
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 Joint seuil Drop seal		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

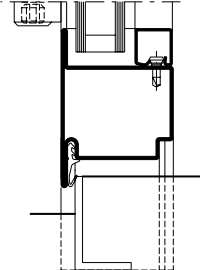
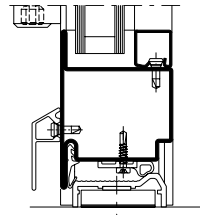
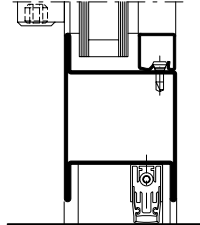
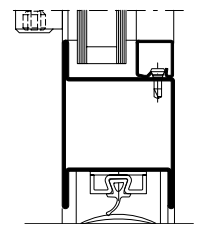
❷ Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

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
Anschlagdichtung Joint de butée Rebate gasket		1 0	0	C1
	2	0	0	C1
	3	1	0	C2
Doppel-Anschlagdichtung Joint de base double Double rebate gasket		1 1	0	C1
	2	1	0	C1
	3	2	0	C2
Senkdichtung Joint seuil Drop seal		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

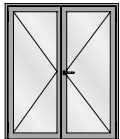
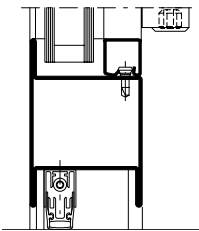
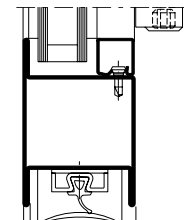
2 Schloss mit Obenverriegelung
Serrure avec verrouillage supérieur
Lock with top locking point

3 Mehrfachverriegelungs-Schloss
Serrure à verrouillage multiple
Multipoint lock

**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 Joint seuil Drop seal		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

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
Jansen-Economy 60 RS.

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
Jansen-Economy 60 RS. 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
Jansen-Economy 60 RS.

They are based on the following:

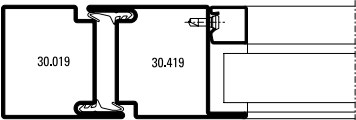
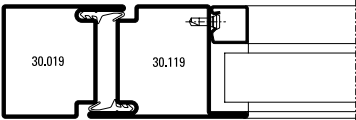
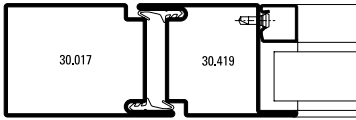
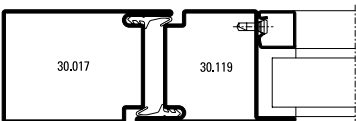
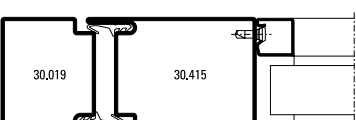
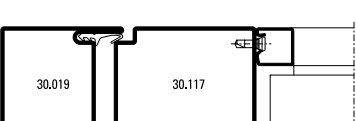
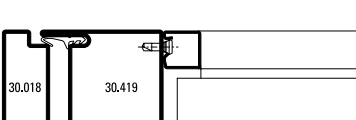
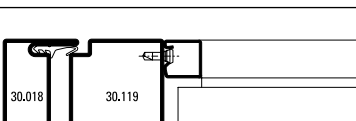
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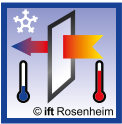
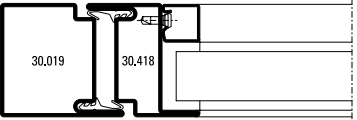
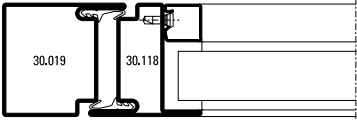
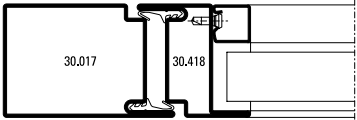
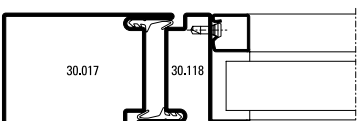
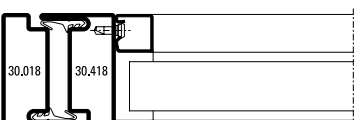
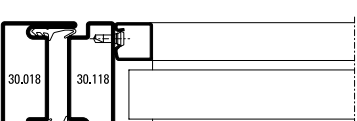
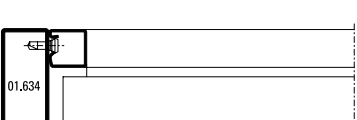
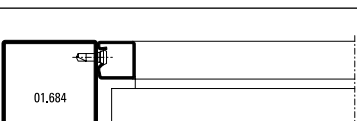
- Strip galvanised steel profiles,
uncoated
- Steel glazing beads
- Glazing with dry glazing
- Glazing with sealing

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)

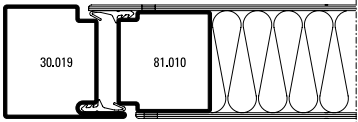
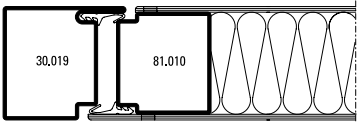
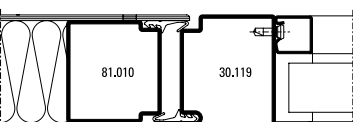
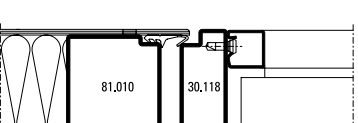
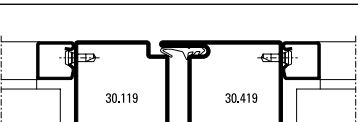
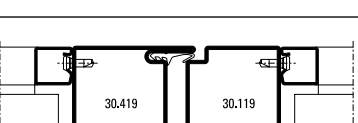
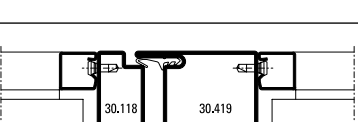
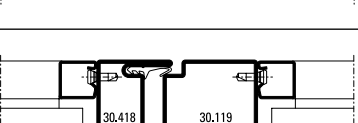
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	5,6 W/m²K
	5,3 W/m²K
	5,3 W/m²K
	5,3 W/m²K
	5,3 W/m²K
	5,6 W/m²K
	5,7 W/m²K

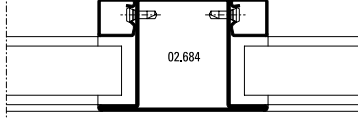
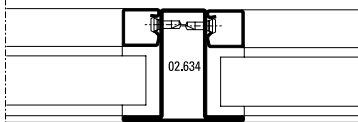
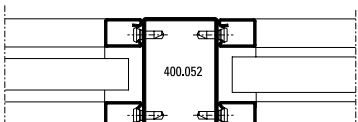
	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	5,7 W/m²K
	5,8 W/m²K
	5,5 W/m²K
	5,5 W/m²K
	6,0 W/m²K
	6,1 W/m²K
	6,9 W/m²K
	6,1 W/m²K

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
	5,3 W/m²K
	5,3 W/m²K
	5,7 W/m²K
	6,0 W/m²K
	5,8 W/m²K
	5,8 W/m²K
	6,1 W/m²K
	6,1 W/m²K

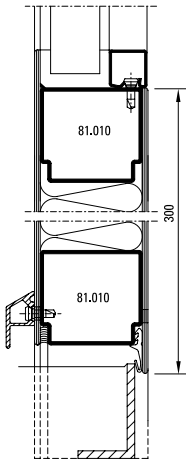
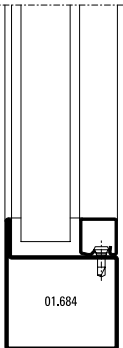
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	6,3 W/m²K
	7,2 W/m²K
	6,4 W/m²K*

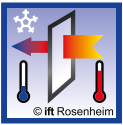
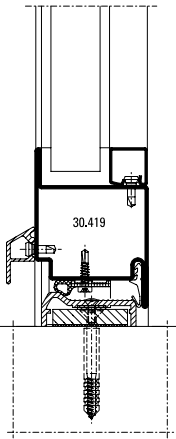
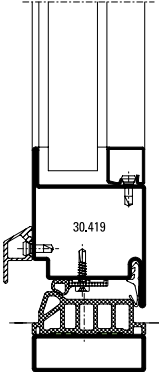
- * Nassverglasung
- * Vitrage à mastic
- * Glazing with sealing

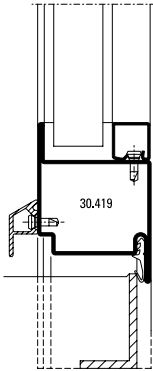
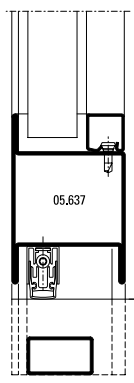
U_f-Werte
 (nach EN ISO 10077-2:2018-01)

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 > 24 mm
	4,4 W/m²K
	6,1 W/m²K

	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	6,1 W/m²K
	5,6 W/m²K

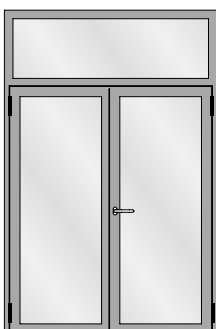
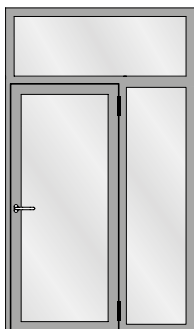
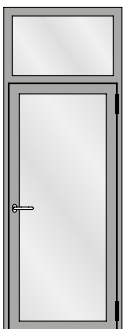
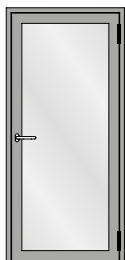
	Füllelementstärken Elements de remplissages Infill elements > 24 mm
	6,8 W/m²K
	5,6 W/m²K



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Ausführungsvarianten

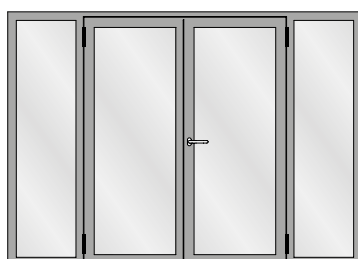
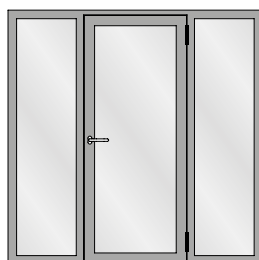
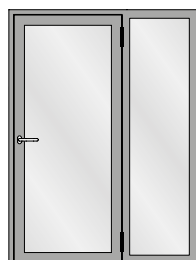
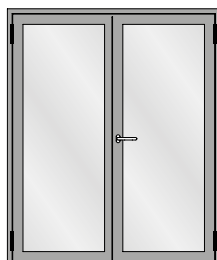
Die nachfolgende Typenübersicht ergibt einen Überblick über die beurteilten Varianten.



Isolation phonique

Modèles

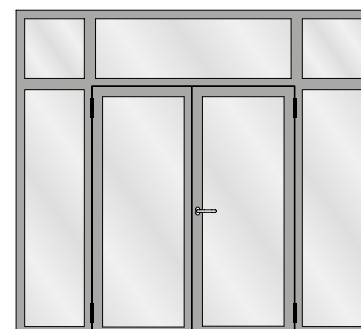
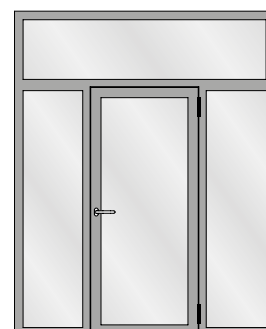
L'aperçu des types suivant fournit une vue d'ensemble des variantes examinées.



Sound insulation

Design range

The following overview of types provides an overview of the evaluated designs.



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Isolation phonique

Sound insulation

Tabelle A1

Korrekturtabelle für Jansen-Economy-Türen mit Glasfüllungen

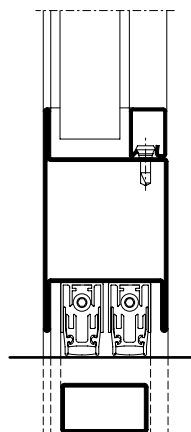
Tableau A1

Tableau de correction pour les portes Jansen-Economy avec vitrage

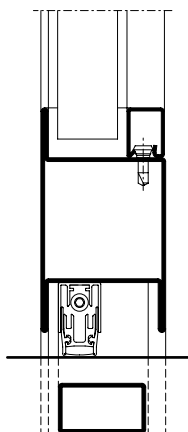
Table A1

Correction table for Jansen-Economy doors with glass

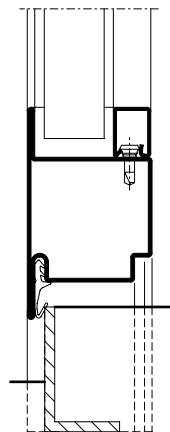
	1	2	3	4	5	6	7	8	9	10	11
	Türe mit zwei absenkba- ren Bodendichtungen Porte avec deux joint seuil automatique Door with two threshold gaskets that can be lowered R_w (C, Ctr) dB	Glas Verre Glass R_w, P, Glas dB	Korrekturen Corrections Corrections								
			K_S dB	K_{FV} dB	K_{Nass} dB	K_{1aB} dB	K_{W/S} dB	K_{G 0,4} dB	K_{G 1,8} dB	K_{G 2,6} dB	K_{G 3,2} dB
1	32 (-1; -5)	31	0	-1	0	0	0	0	-1	-2	-3
2	33 (-1; -5)	32	0	-1	0	0	0	0	-1	-2	-3
3	35 (-1; -5)	34	0	-1	0	0	0	0	-1	-2	-3
4	36 (-2; -5)	35	0	-1	-1	0	0	0	-1	-2	-3
5	37 (-2; -5)	37	0	0	-1	0	-1	0	-1	-2	-3
6	38 (-2; -5)	39	0	0	-1	-1	-1	0	-1	-2	-3
7	39 (-2; -5)	40	0	0	-1	-1	-1	0	-1	-2	-3
8	40 (-2; -5)	41	0	0	-1	-1	-2	-1	-1	-2	-3
9	41 (-2; -5)	42	0	0	-1	-1	-2	-2	-1	-2	-3
10	42 (-2; -5)	43	-1	0	-1	-1	-2	-2	-1	-2	-3
11	42 (-2; -5)	44	-1	0	-1	-1	-2	-2	-1	-2	-3
12	43 (-2; -5)	45	-1	+1	-1	-1	-3	-3	-1	-2	-3
13	44 (-2; -5)	49	-1	+1	-1	-2	-3	-3	-1	-2	-3



K_{1aB}



K_{W/S}



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

Isolation phonique

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

Sound insulation

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

$$R_{w, \text{Tür}} = R_w + K_S + K_{FV} + K_{Nass} + K_{1aB} + K_{W/S} + K_{Band} + K_{G 0,4} + K_{G 1,8} + K_{G 2,6} + K_{G 3,2} \text{ dB}$$

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 der Verglasung (Prüfwert nach ISO 140-3, mit Prüfnachweis einer PÜZ-Stelle). Alternativ können Tabellenwerte nach DIN EN 12758, Abschnitt 6 verwendet werden
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_{Band}	Korrekturwert bei Verwendung von Anschlagbändern, die eine Dichtungsebene unterbrechen ($K_{Band} = - 0,5 \text{ dB pro Band}$)
$K_{W/S}$	Korrekturwert für 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	Mesure d'isolement contre les sons aériens des portes évaluée suivant l'isolement phonique $R_{w,P, \text{Glas}}$
$R_{w,P, \text{Glas}}$	Cote d'isolation acoustique du vitrage évalué (valeur contrôlée selon ISO 140-3 avec certificat d'un bureau de contrôle, de surveillance ou de certification). Il est également possible d'utiliser les valeurs selon le tableau DIN EN 12758, section 6
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_{Band}	Valeur corrective en cas d'utilisation de paumelles qui interrompent un plan d'étanchéité ($K_{Band} = - 0,5 \text{ dB par paumelle}$)
$K_{W/S}$	Valeur de correction pour portes 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	Airborne sound reduction index of doors depending on the sound insulation $R_{w,P, \text{Glas}}$
$R_{w,P, \text{Glas}}$	Airborne sound reduction index (test value in accordance with ISO 140-3, with a test certificate from a recognised testing, inspection or certification body). Alternatively, the tabulated values in DIN EN 12758, Section 6 may be used
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_{Band}	Correction value when using hinges that interrupt a sealing plane ($K_{Band} = - 0.5 \text{ dB per hinge}$)
$K_{W/S}$	Correction value for 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 $\geq 3,2 \text{ m}^2$

