VISS SG / VISS Semi SG

Structural Glazing Fassaden

VISS SG / VISS Semi SG

Façades toute en verre

VISS SG / VISS Semi SG

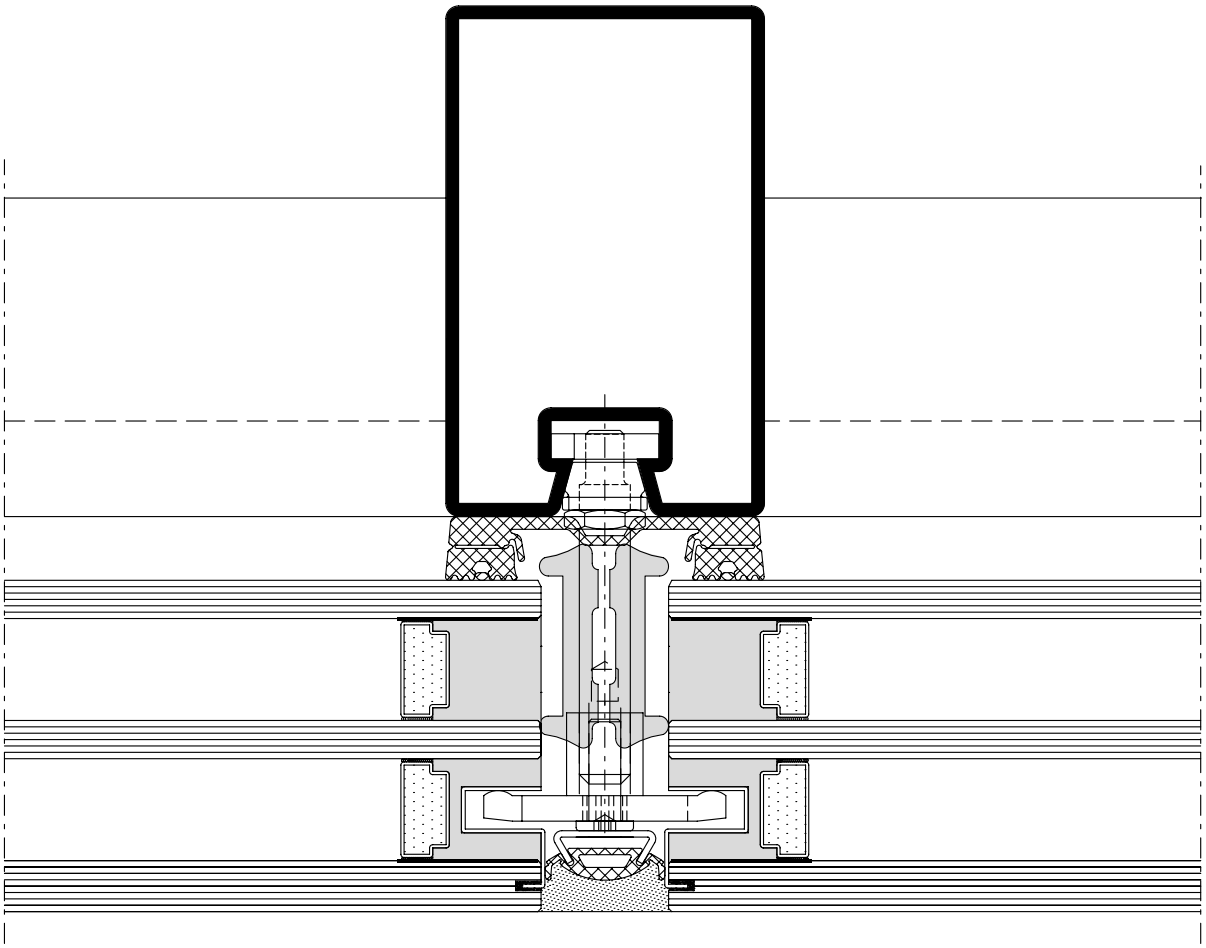
Structural glazing façades

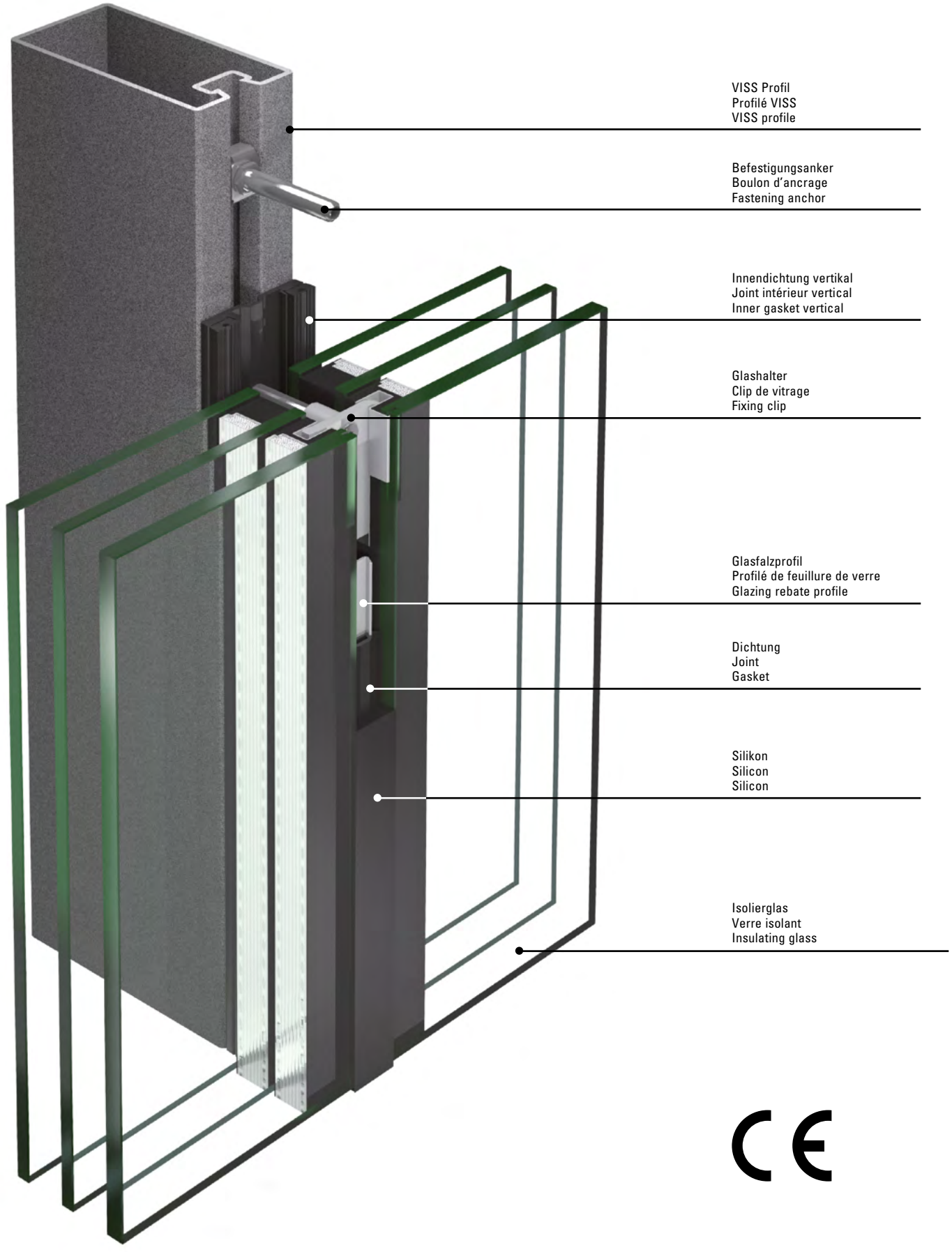
JANSEN

- CE-Kennzeichnung nach ETAG 002
- ETA Zulassung für Vorhangfassade und Dachverglasung
- Glasflächen bis 2.5 x 5 m (b x h) bzw. 5 x 2.5 m (b x h)
- Mechanische Sicherung der Gläser - kein Verkleben notwendig
- Zweifach- und Dreifach-Isolierglas Glasstärken bis 30 - 70 mm
- Realisierung von VISS SG und VISS Semi-SG Lösungen
- Einfache Realisierung von Ganzglas-Ecklösungen
- Kombinierbar mit der VISS Standard Fassade
- Absturzsichernde Verglasung nach DIN 18008

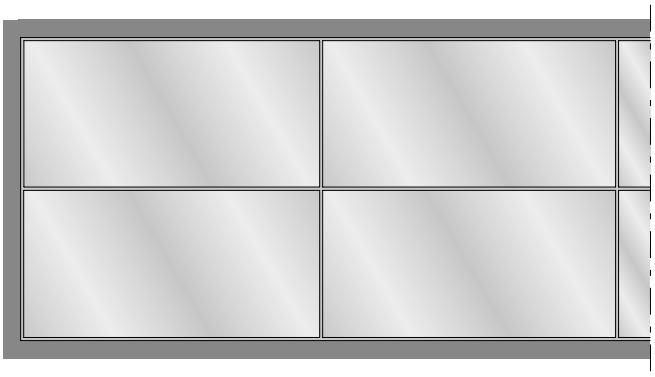
- Marquage CE selon ETAG 002
- Homologation ETA pour façade-rideau et verrière
- Surfaces vitrées jusqu'à 2.5 x 5 m (la x h) et 5 x 2.5 m (la x h)
- Sécurité mécanique des vitres - inutile de coller
- Verre isolant double ou triple, épaisseurs de verre jusqu'à 30 à 70 mm
- Réalisation de solutions VISS SG et VISS Semi SG
- Réalisation simple d'angles tout verre
- Combinable avec la façade VISS standard
- Sécurité anti-chute des vitrages selon DIN 18008

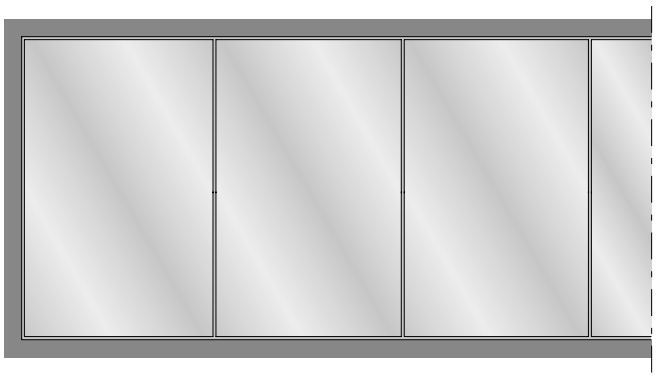
- CE marking in accordance with ETAG 002
- ETA approval for curtain walling and roof glazing
- Glass surfaces of up to 2.5 x 5 m (w x h) or 5 x 2.5 m (w x h)
- Mechanical fixing of the glass - no bonding required
- Double and triple insulating glass thicknesses of up to 30 - 70 mm
- Implementation of VISS SG and VISS Semi SG solutions
- Easy implementation of all-glass corner solutions
- Can be combined with the VISS Standard façade
- protecting glazing against falling out in accordance with DIN 18008




VISS Profil
Profilé VISS
VISS profile
Befestigungsanker
Boulon d'ancrage
Fastening anchor
Innendichtung vertikal
Joint intérieur vertical
Inner gasket vertical
Glashalter
Clip de vitrage
Fixing clip
Glasfalzprofil
Profilé de feuillure de verre
Glazing rebate profile
Dichtung
Joint
Gasket
Silikon
Silicon
Silicon
Isolierglas
Verre isolant
Insulating glass

CE





In einzelnen Ländern (z.B. Deutschland oder Österreich) muss die äussere Scheibe von Ganzglasfassaden mechanisch gesichert werden.
Für VISS SG stehen hierzu grundsätzlich diese beiden Varianten zur Verfügung.

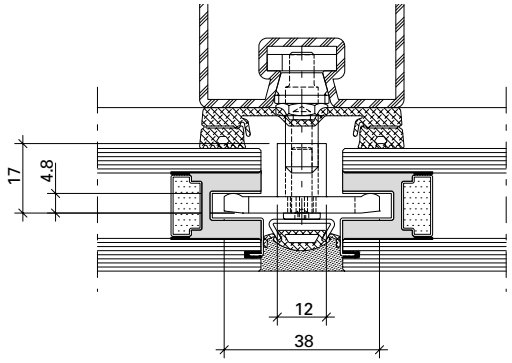
Beide Verglasungen erfüllen die Anforderungen an vorgefertigte absturzsichernde Verglasungen nach DIN 18008 Teil 4, wie es in Deutschland gefordert ist.

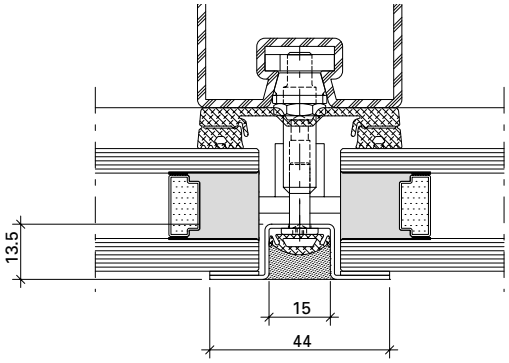
Dans certains pays (par ex. Allemagne ou Autriche), il faut assurer un calage mécanique de la vitre extérieure de façades entièrement vitrées. Dans le cas de VISS SG, il existe à cet effet les deux variantes suivantes.

Les deux types de vitrage satisfont au «Règlement technique pour la sécurité anti-chute des vitrages» (TRAV), exigé en Allemagne

In some countries (e.g. Germany and Austria) the exterior pane of all-glass facades must be secured mechanically. For VISS SG the following two options are available.

Both types of glazing fulfil the «Technical regulations for protecting glazing against falling out» (TRAV) required in Germany.





Sicherung der Aussenscheibe durch integrierte Nothalter mit VARIO DZ bzw. VARIO S-FOR. Vorteil dieser Lösung: die mechanische Sicherung ist praktisch unsichtbar.

Blocage de la vitre extérieure avec des cales de sécurité intégrées avec VARIO DZ ou VARIO S-FOR. L'avantage de cette solution est de rendre le calage mécanique pratiquement invisible.

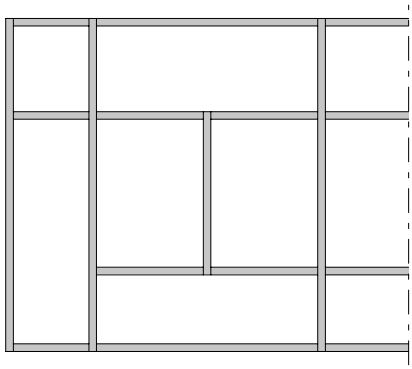
Securing the exterior pane using integrated fastening devices with VARIO DZ or VARIO S-FOR. Advantage of this solution: the mechanical anchor is almost completely concealed.

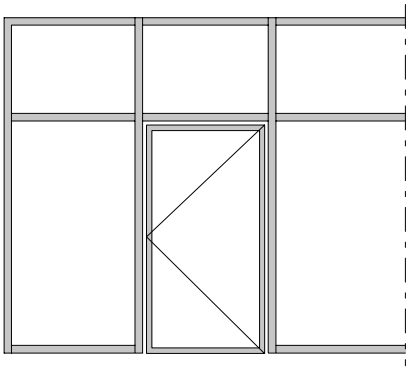
Sicherung der Aussenscheibe durch eine mechanische Aussenklammer in Verbindung mit VARIO II. Kostengünstige Alternative, wobei die mechanische Sicherung dezent sichtbar ist.

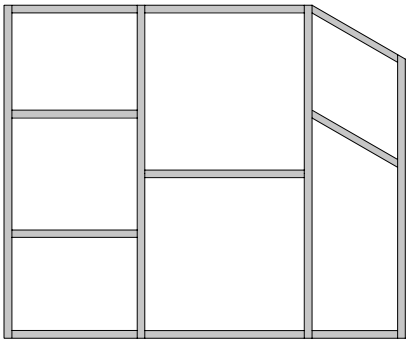
Blocage de la vitre extérieure avec une attache extérieure mécanique en association avec VARIO II. Alternative économique, le blocage mécanique se caractérisant par une visibilité discrète.

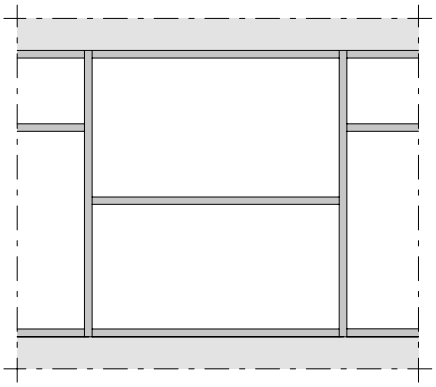
Securing the exterior pane using a mechanical external bracket in combination with VARIO II. An economical alternative; the elegant mechanical bracket is visible.

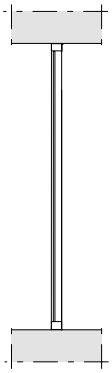
	Prüfungen (Prüfnorm) **Essais (Norme d'essai)** **Tests (Test standard)**	**Klassifizierungs-Norm** **Norme de classification** **Classification standard**	**Werte** **Valeurs** **Values**
	Schlagregendichtheit (EN 12155) Etanchéité à la pluie battante (EN 12155) Watertightness (EN 12155)	**EN 12154**	RE 1200
	Widerstand bei Windlast (EN 12179) Résistance à la pression du vent (EN 12179) Resistance to wind load (EN 12179)	**EN 13116**	Bemessungslast 2 kN/m² Charge de calcul 2 kN/m² Designed load 2 kN/m²
	Luftdurchlässigkeit (EN 12153) Perméabilité à l'air (EN 12153) Air permeability (EN 12153)	**EN 12152**	Klasse AE Classe AE Class AE
	Wärmedurchgangskoeffizient (EN 13947) Transmission thermique (EN 13947) Thermal production (EN 13947)	**EN ISO 10077-2**	ab U_f > 0.50 W/m²K dès U_f > 0.50 W/m²K from U_f > 0.50 W/m²K
	Stossfestigkeit Résistance au chocs Impact strength	**EN 14019**	Klasse E5 / I5 Classe E5 / I5 Class E5 / I5
	Technische Regeln für die Verwendung von absturzsichernden Verglasungen Règlement technique pour la sécurité anti-chute des vitrages The technical regulations for protecting glazing against falling out	**DIN 18008-4**	Kategorie A, C2, C3 Catégorie A, C2, C3 Category A, C2, C3
	Europäische technische Zulassung (ETA) Homologation technique européenne (ETA) European Technical Approval (ETA)	**ETAG 002**	ETA 13/0015

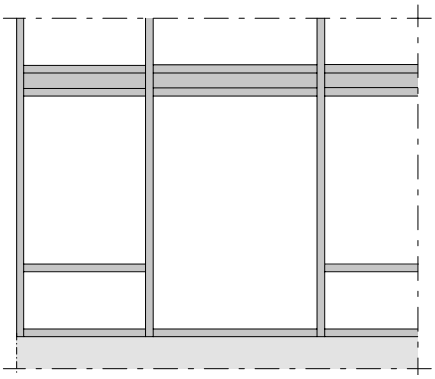


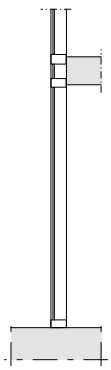


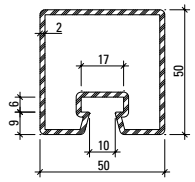




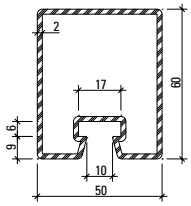








76.694
76.694 Z



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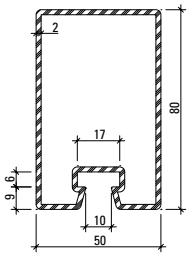

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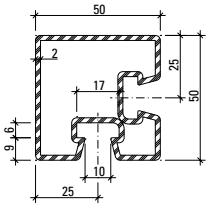

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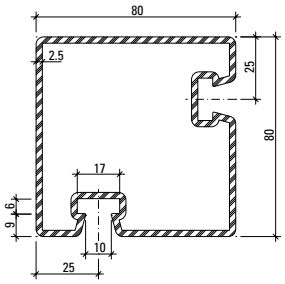

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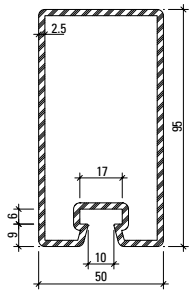

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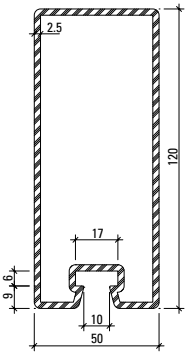
76.697 Z



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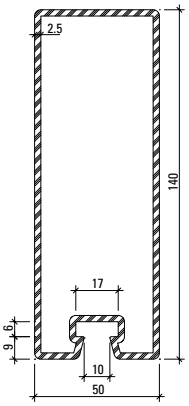

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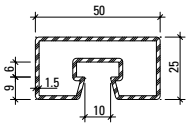
76.666 Z



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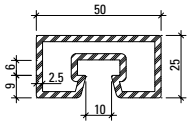

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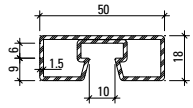

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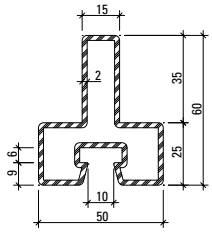

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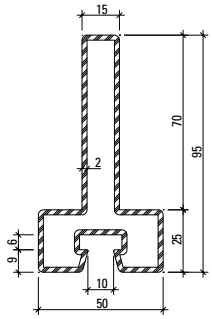

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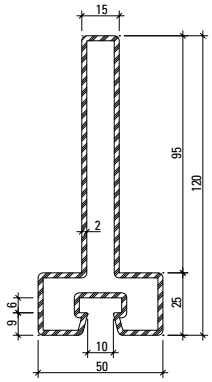
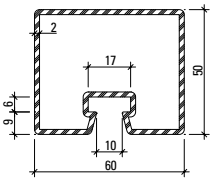
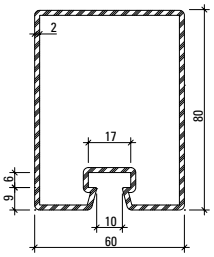


76.116

Profil-Nr.	G kg/m	F cm²	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/m	L mm
76.094	4,090	5,2	15,2	5,8	15,2	5,8	0,280	6000
76.096	7,437	9,5	83,8	20,5	83,8	20,5	0,391	6000
76.666	7,910	10,1	241,3	32,3	43,7	17,5	0,412	6500
76.671	3,860	4,9	23,3	7,2	17,3	6,9	0,260	6500
76.679	7,120	9,1	162,2	25,2	37,9	15,2	0,373	6500
76.680	3,390	4,3	3,2	2,4	11,1	4,4	0,182	6100
76.682	2,120	2,7	2,2	1,7	7,2	2,9	0,190	6000
76.692	1,900	2,5	0,9	1,0	5,9	2,4	0,176	6000
76.694	3,500	4,5	14,7	5,6	15,0	6,0	0,240	6500
76.696	4,450	5,7	47,6	11,1	21,9	8,8	0,300	6500
76.697	6,100	7,9	90,2	17,6	31,0	12,4	0,330	6500
76.114	3,820	4,9	15,4	4,1	9,8	3,9	0,251	6000
76.115	4,920	6,3	54,8	9,3	10,4	4,2	0,321	6000
76.116	5,710	7,3	105,0	14,3	10,8	4,3	0,371	6000



76.695
76.695 Z



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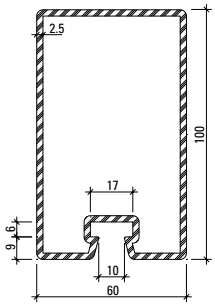
76.678 Z



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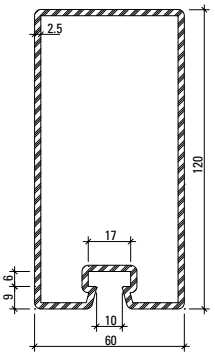

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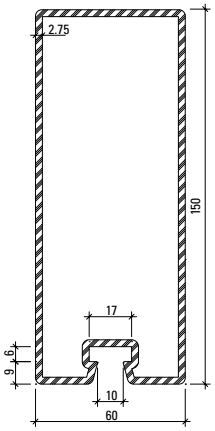

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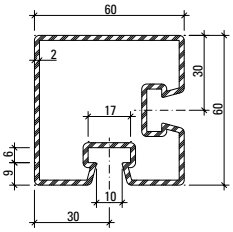
76.667 Z



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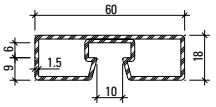

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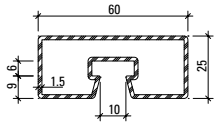

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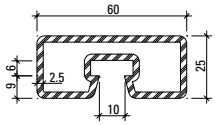

76.681

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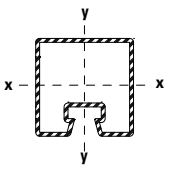
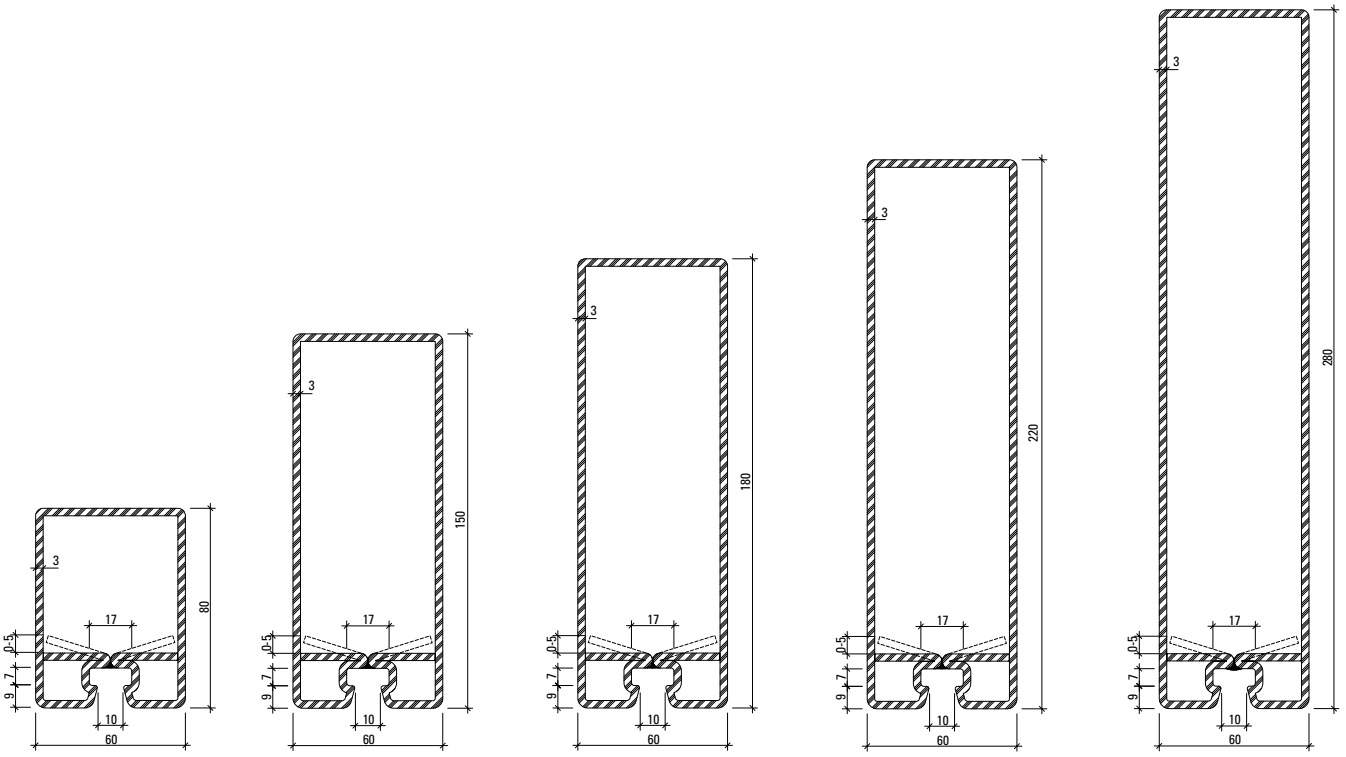
DXF DWG

Stabachse
Axe de la barre
Bar axis



Profil-Nr.	G kg/m	F cm²	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/m	L mm
76.095	4,750	6,1	27,2	8,6	27,2	8,6	0,311	6000
76.667	9,530	12,1	342,8	43,0	75,1	25,0	0,452	6500
76.678	4,800	6,1	53,9	12,6	32,8	11,0	0,320	6500
76.681	3,790	4,8	3,8	2,9	17,3	5,8	0,202	6100
76.683	2,360	3,0	2,6	2,0	11,1	3,7	0,210	6000
76.684	6,730	8,6	114,1	21,3	48,3	16,1	0,352	6500
76.693	2,140	2,8	1,3	1,3	9,3	3,1	0,196	6000
76.695	3,800	4,9	17,2	6,5	22,9	7,6	0,260	6500
76.698	7,500	9,7	179,6	28,0	56,6	18,9	0,400	6500



76.143 Z **76.144 Z** **76.140 Z** **76.141 Z** **76.142 Z**

Aufgrund von Fertigungstoleranzen kann die Lage des Rückbogens von 0 bis 5 mm variieren.

En raison des tolérances de fabrication, la position du segment coudé peut varier de 0 à 5 mm.

Due to fabrication tolerances, the position of the rear arch may vary between 0 and 5 mm.

Oberfläche/Werkstoff

Artikel-Nr.

ohne Zusatz = blank

mit Z = bandverzinkter Stahl

Surface/Matériau

No. d'article

sans supplément = brut

avec Z = bandes d'acier zinguées

Surface/Material

Part no.

without addition = bright

with Z = galvanised strip

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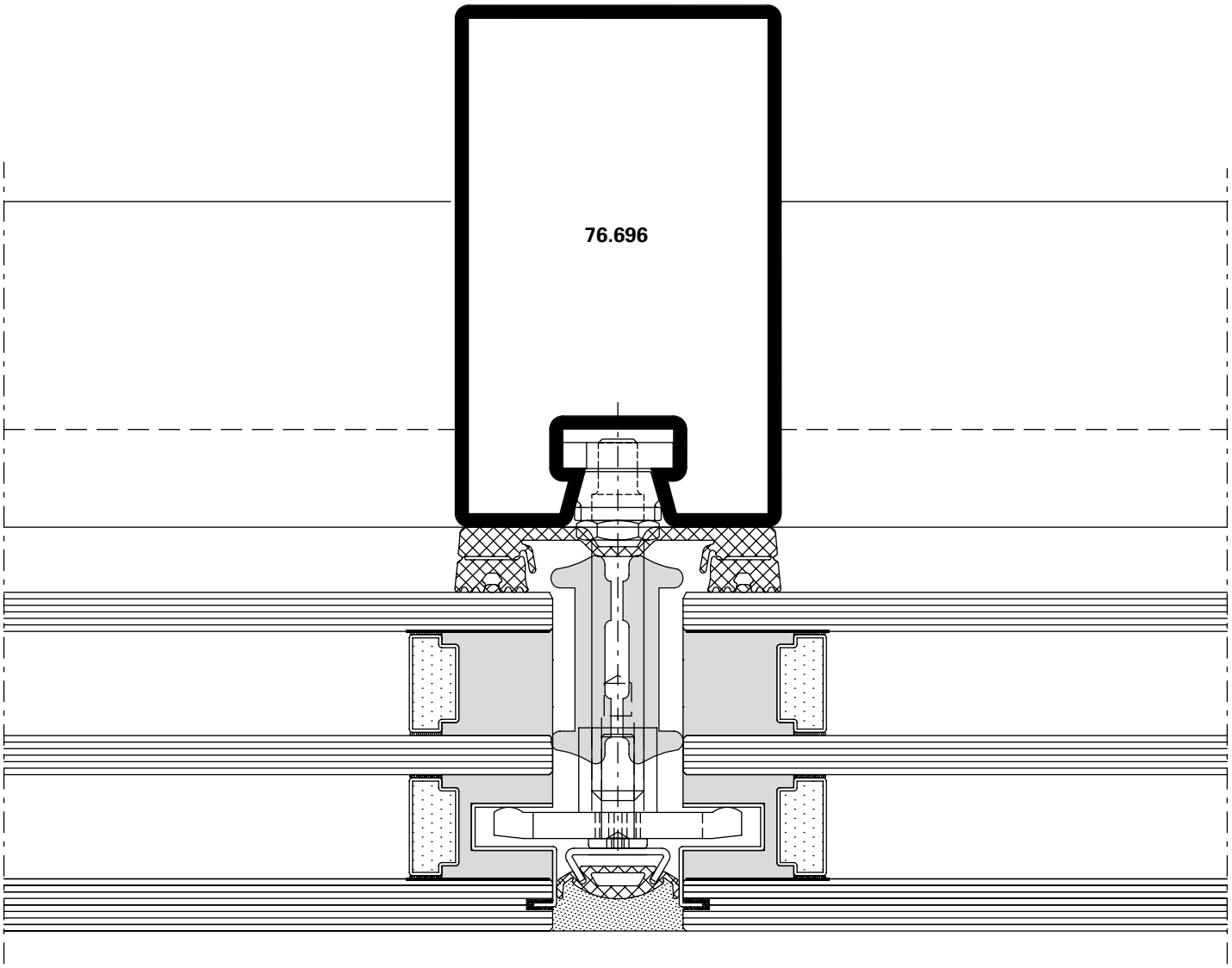
DXF DWG

Profil-Nr.	G kg/m	F cm²	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/m	L mm
76.140 Z	12,946	16,47	649,2	64,3	100,0	33,2	0,516	8000
76.141 Z	14.833	18.87	1090,2	89,1	119,1	39,7	0,596	8000
76.142 Z	17,662	22,5	2041,7	132,7	148,4	49,5	0,716	10000
76.143 Z	8.340	10.62	80,4	17,9	50,8	16,9	0,316	6500
76.144 Z	11.630	14.82	406,0	47,9	85,0	28,3	0,456	6500

VISS SG HI
Pfosten-Detail
Ansichtsbreite 50 mm

VISS SG HI
Détail de la montant
Largeur de face 50 mm

VISS SG HI
Detail of mullion
Width 50 mm

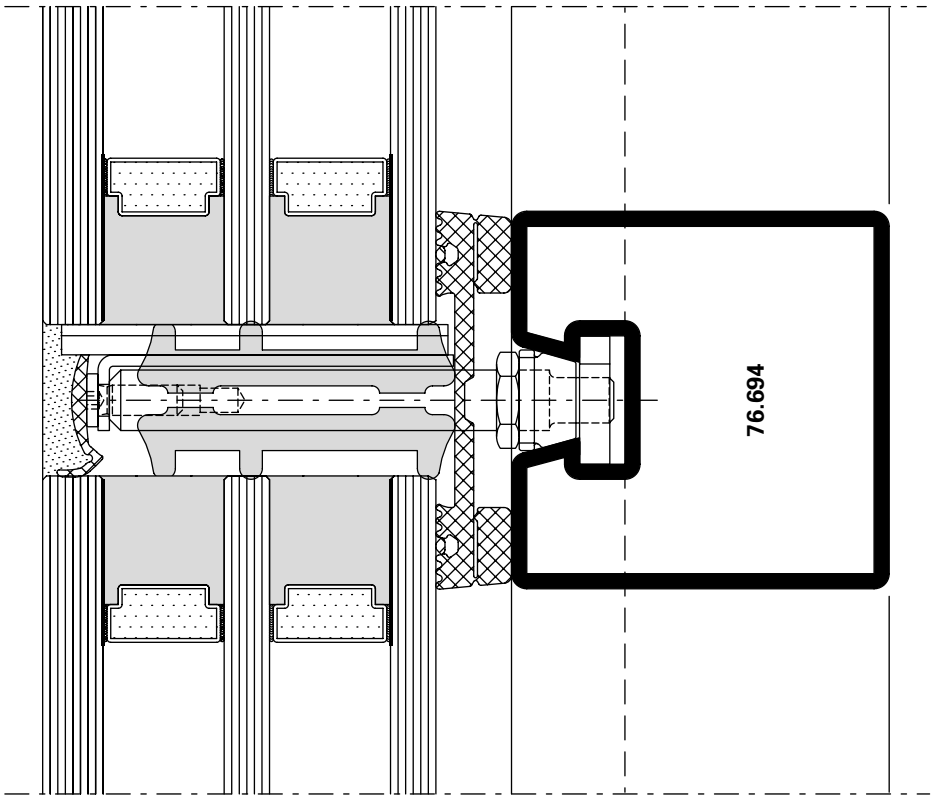


DXF **DWG** *D-530-C-002*

VISS SG HI
Riegel-Detail
Ansichtsbreite 50 mm

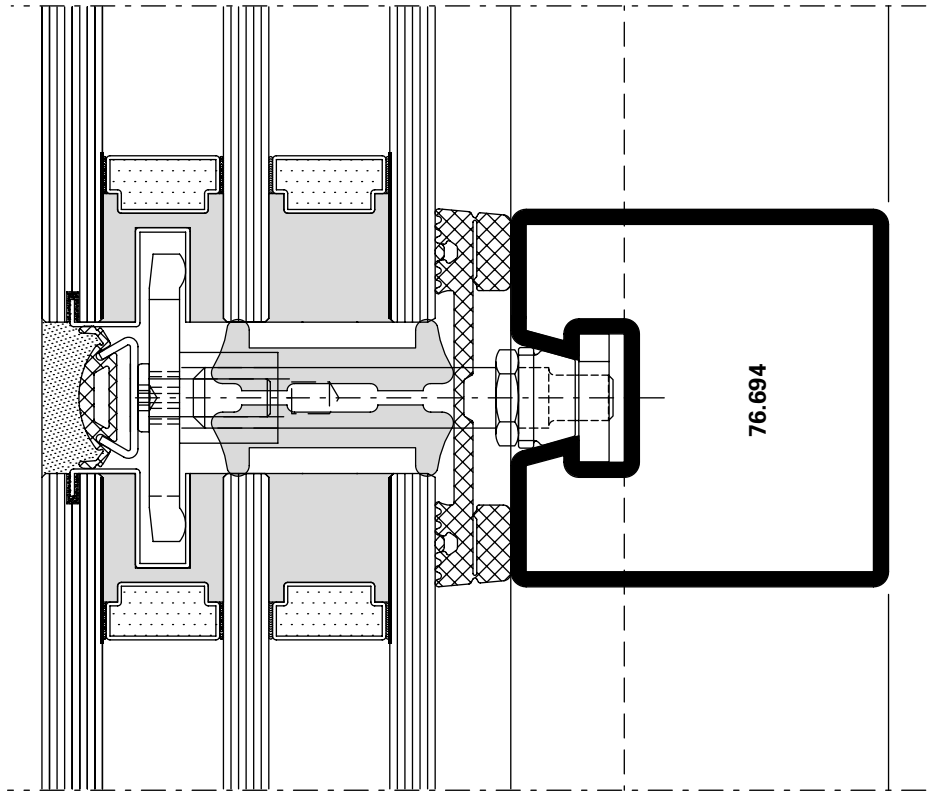
VISS SG HI
Détail de la traverse
Largeur de face 50 mm

VISS SG HI
Detail of transom
Width 50 mm



DXF DWG

D-530-C-012



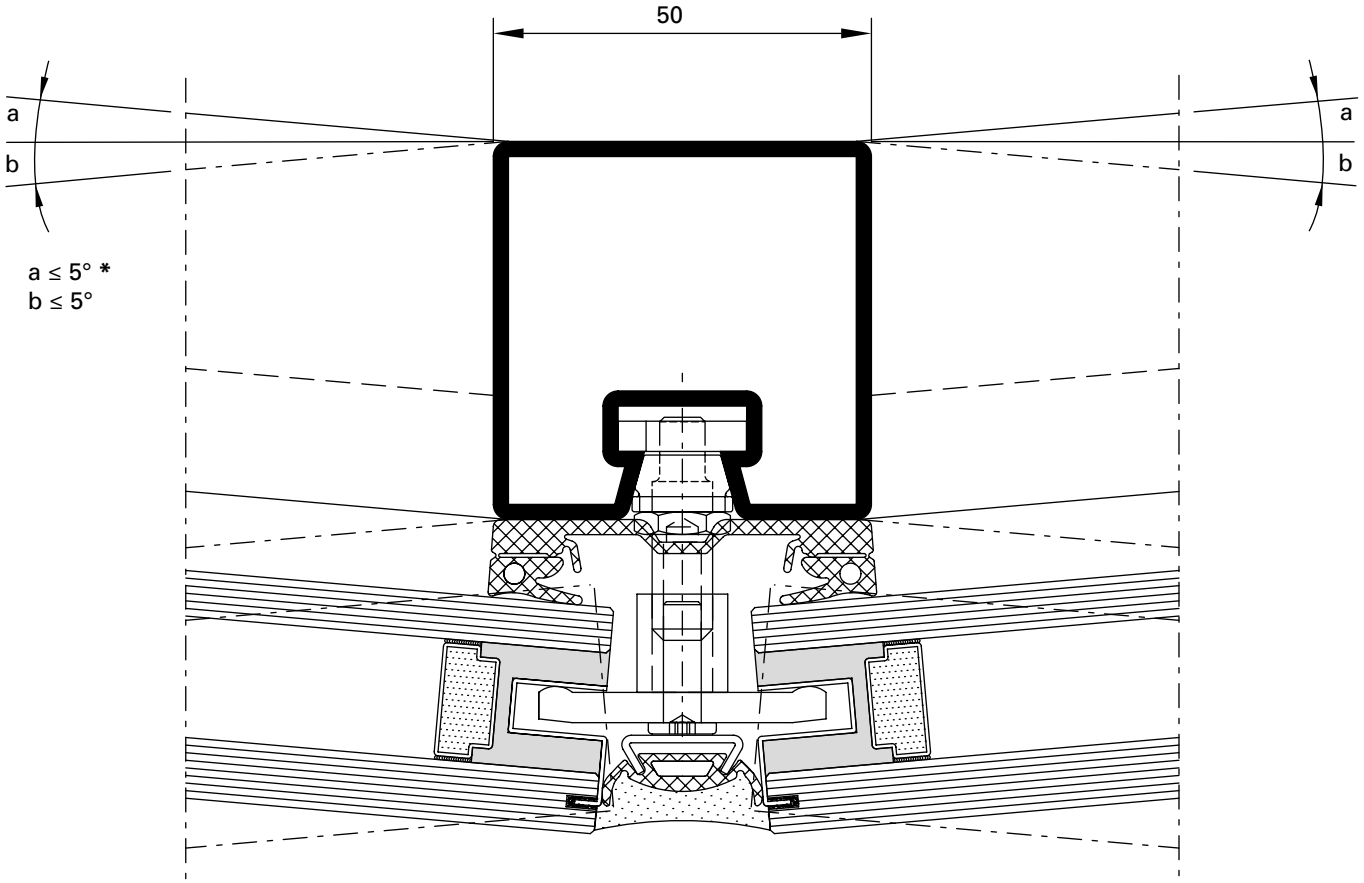
DXF DWG

D-530-C-011

VISS SG
Segmentverglasung
Pfosten-Detail
Ansichtsbreite 50 mm

VISS SG
Vitrage segmenté
Détail de la montant
Largeur de face 50 mm

VISS SG
Segmental glazing
Detail of mullion
Width 50 mm



DXF DWG *D-530-C-009*

*** Hinweis**
Dies gilt für Füllelementstärken von 30 - 70 mm bzw. für 2- und 3-fach Verglasungen.

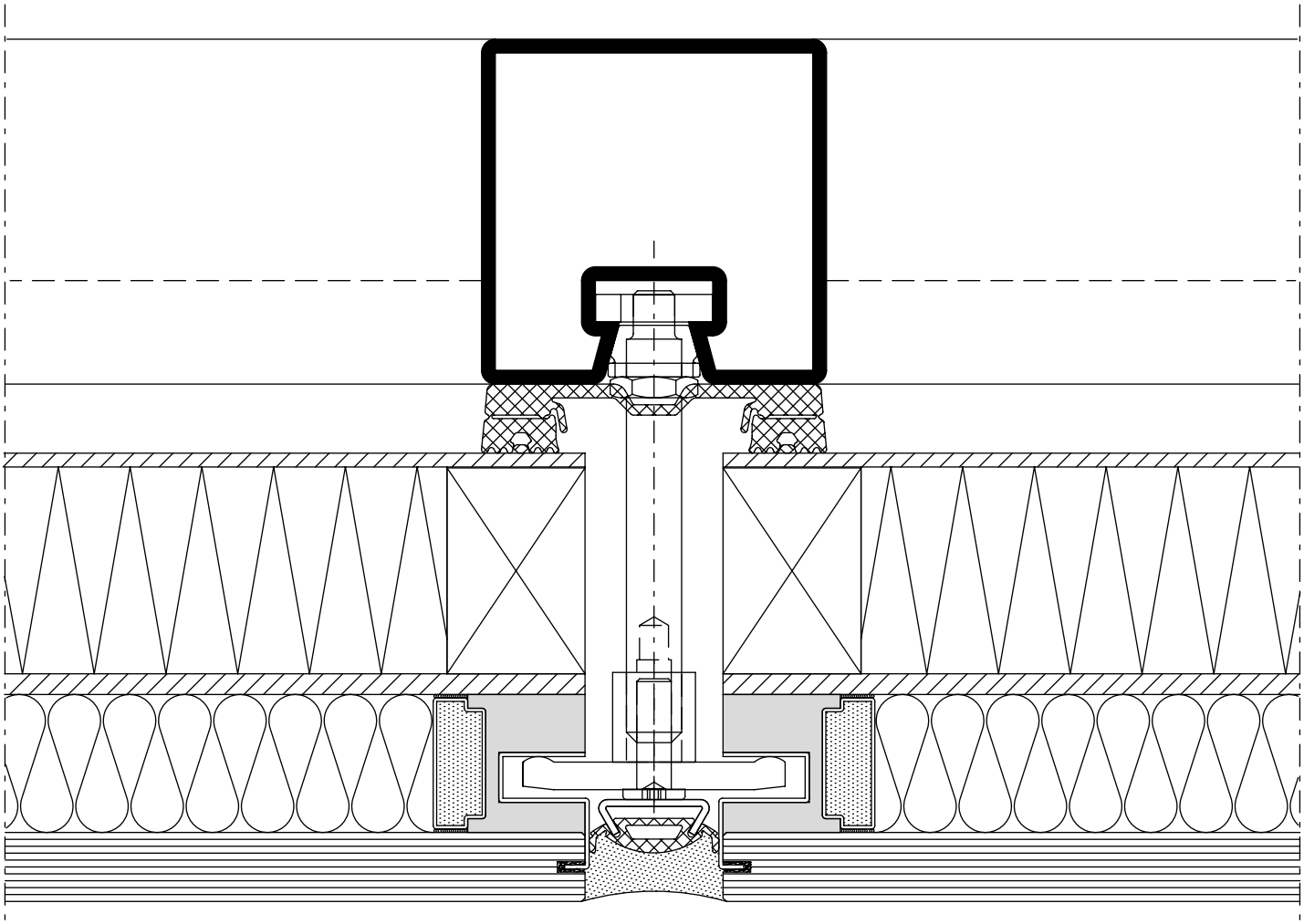
*** Remarque**
Cela est applicable pour les épaisseurs d'élément de remplissage de 30 à 70 mm et pour les vitrages doubles et triples.

*** Note**
This applies to infill unit thicknesses of 30-70 mm and to double and triple glazing.

VISS SG
Paneelverglasung
Pfosten-Detail
Ansichtsbreite 50 mm

VISS SG
Vitrage panneau
Détail de la montant
Largeur de face 50 mm

VISS SG
Panel glazing
Detail of mullion
Width 50 mm

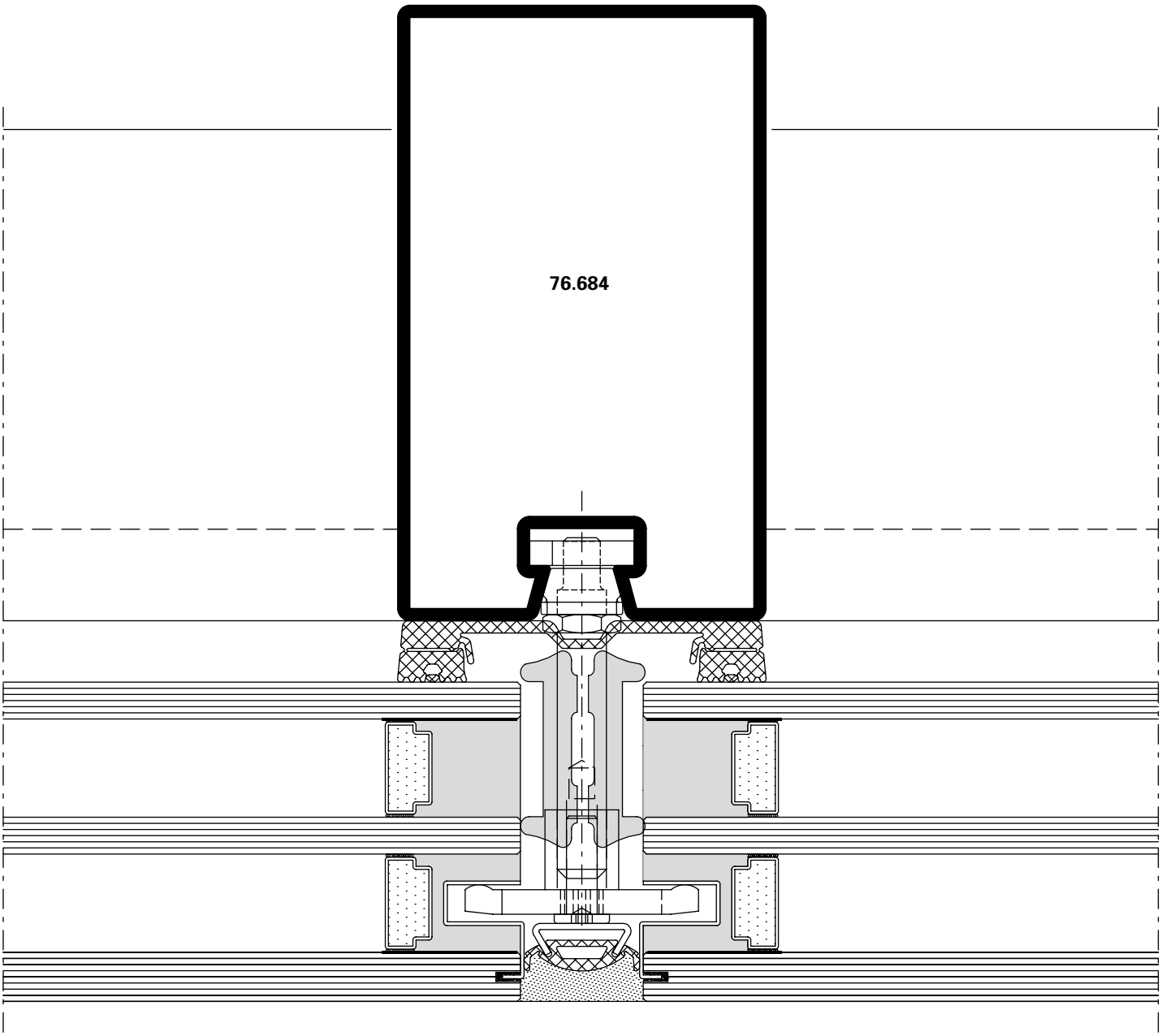


DXF DWG *D-530-C-010*

VISS SG HI
Pfosten-Detail
Ansichtsbreite 60 mm

VISS SG HI
Détail de la montant
Largeur de face 60 mm

VISS SG HI
Detail of mullion
Width 60 mm

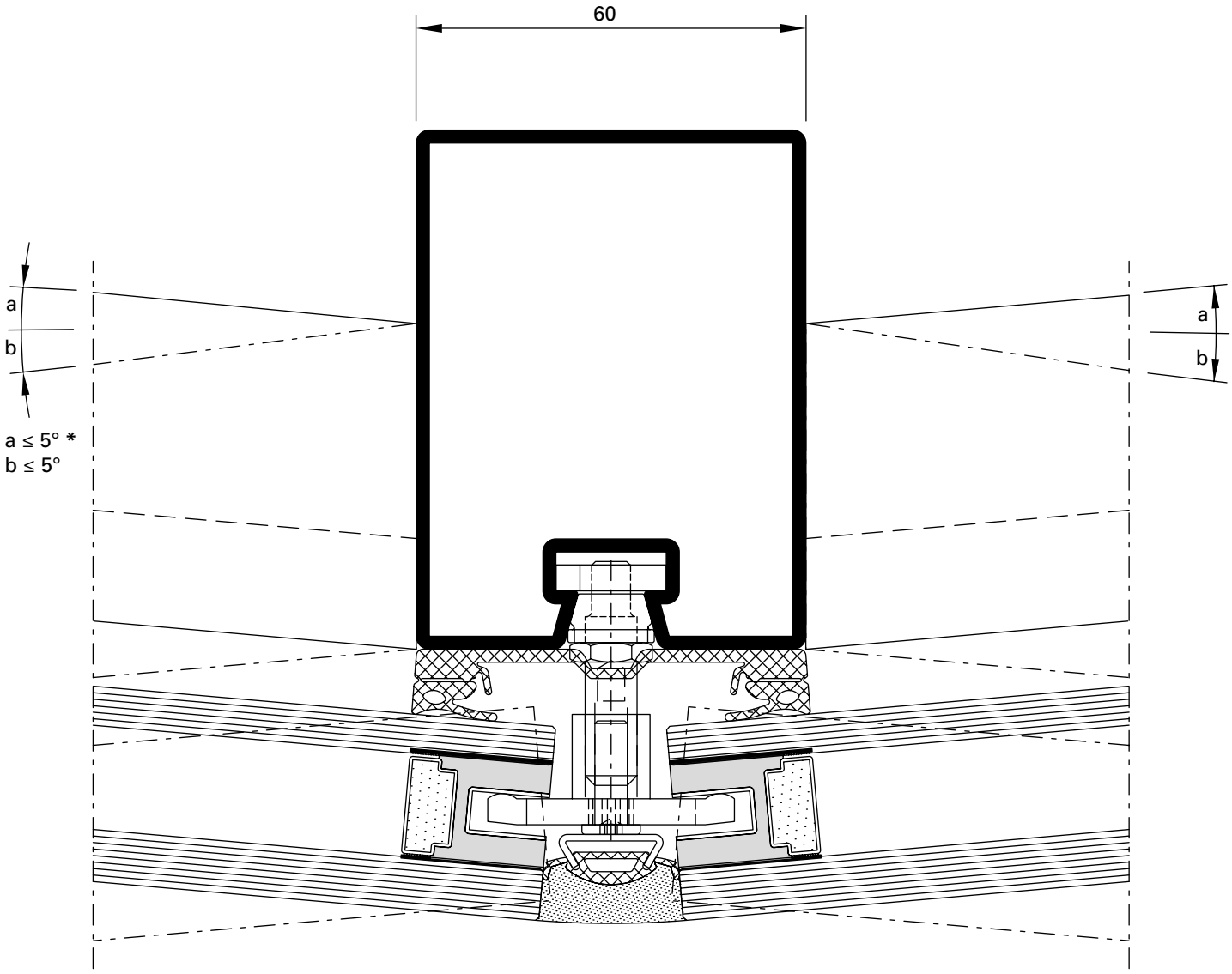


DXF **DWG** *D-630-C-002*

VISS SG
Segmentverglasung
Pfosten-Detail
Ansichtsbreite 60 mm

VISS SG
Vitrage segmenté
Détail de la montant
Largeur de face 60 mm

VISS SG
Segmental glazing
Detail of mullion
Width 60 mm

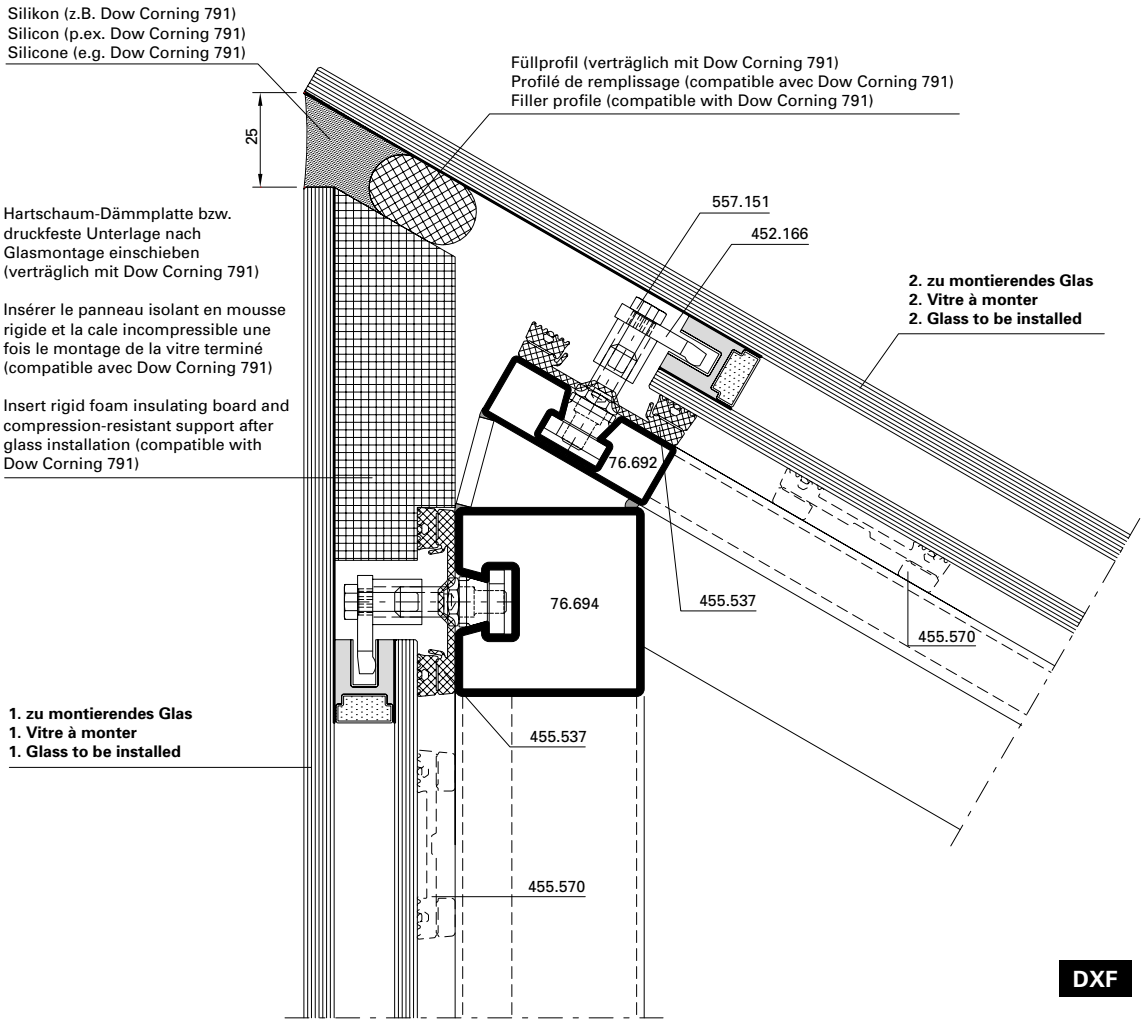


DXF DWG *D-630-C-008*

***Hinweis**
Dies gilt für Füllelementstärken von 30 - 70 mm bzw. für 2- und 3-fach Verglasungen.

*** Remarque**
Cela est applicable pour les épaisseurs d'élément de remplissage de 30 à 70 mm et pour les vitrages doubles et triples.

*** Note**
This applies to infill unit thicknesses of 30-70 mm and to double and triple glazing.



DXF DWG

D-530-K-008

Montageablauf

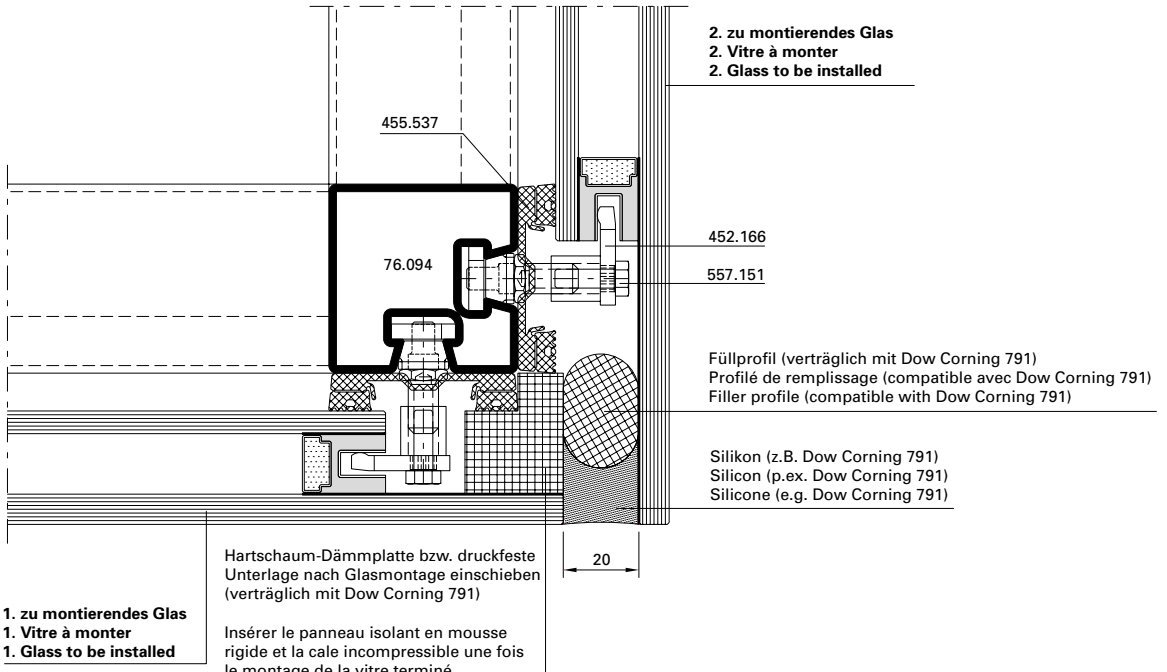
1. Glashalter 452.166 senkrecht vormontieren (vor den Glaselementen).
2. Glaselemente mit kurzer Glasstufe montieren (Anzugsmoment 2 Nm).
3. Mit Haltegabel (durch Metallbauer zu fertigen) Glashalter abdrehen und mit Gabelschlüssel Sechskantschraube vorsichtig eindrehen.
4. Hartschaum-Dämmplatte einschieben
5. Glaselement mit langer Glasstufe montieren (Anzugsmoment 2 Nm) analog Punkt 3.
6. Füllprofil einschieben und Silikonfuge erstellen.

Étapes du montage

1. Prémonter le clip de vitrage 452.166 à la verticale (avant les éléments vitrés).
2. Monter les éléments vitrés avec épaulement de verre court (couple de serrage 2 Nm).
3. Faire tourner le clip de vitrage avec la fourche de maintien (fabriquées par le constructeur métallique) et visser avec précaution avec une clé à fourche à six pans.
4. Insérer le panneau isolant en mousse rigide
5. Monter l'élément vitré à épaulement de verre long (couple de serrage 2 Nm) de manière analogue au point 3.
6. Insérer le profilé de remplissage et réaliser un joint silicone.

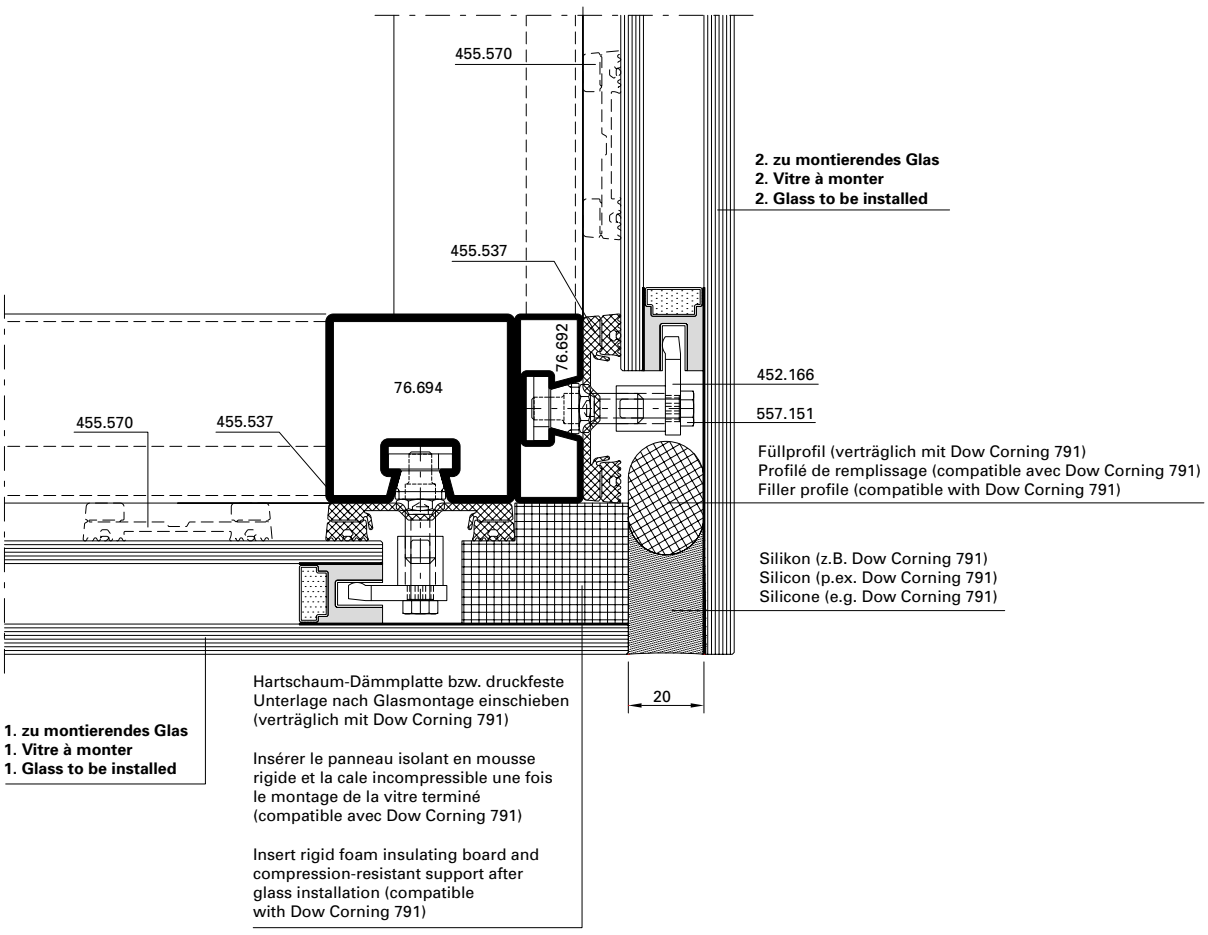
Installation sequence

1. Pre-install glazing clip 452.166 vertically (before the glass units).
2. Install glass units with short glass overlap (torque setting 2 Nm).
3. Turn glazing clip with support bracket (to be produced by the metal fabricator) and carefully screw in the hexagon head bolt using the open-ended spanner.
4. Insert rigid foam insulating board.
5. Install glass unit with long glass overlap (torque setting 2 Nm) in the same way as point 3.
6. Insert filler profile and create silicone joint.



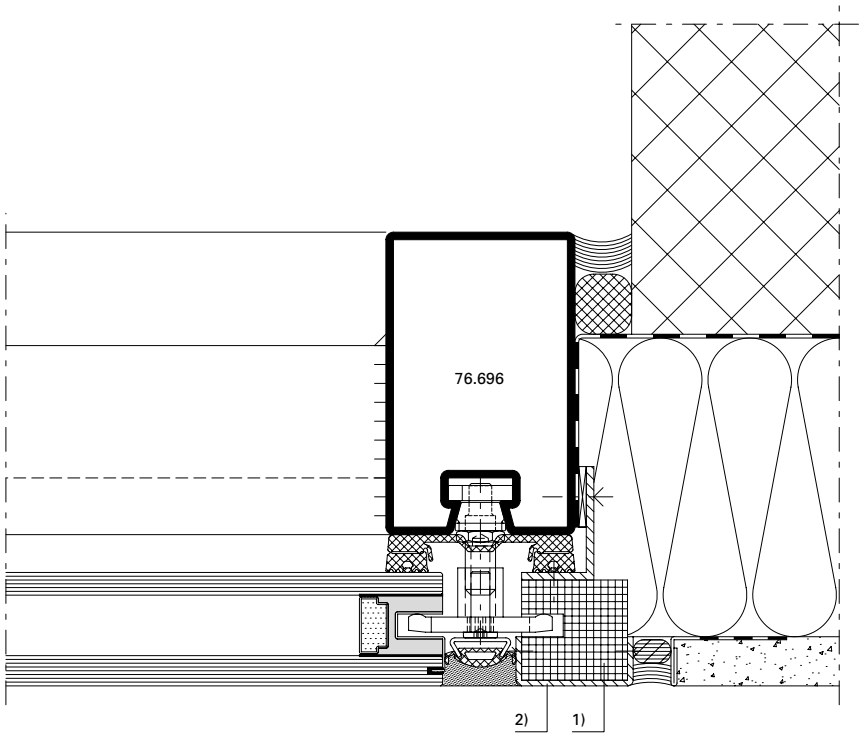
DXF DWG

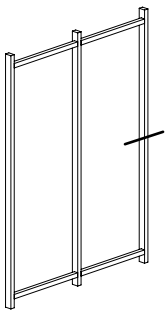
D-530-K-009



DXF DWG

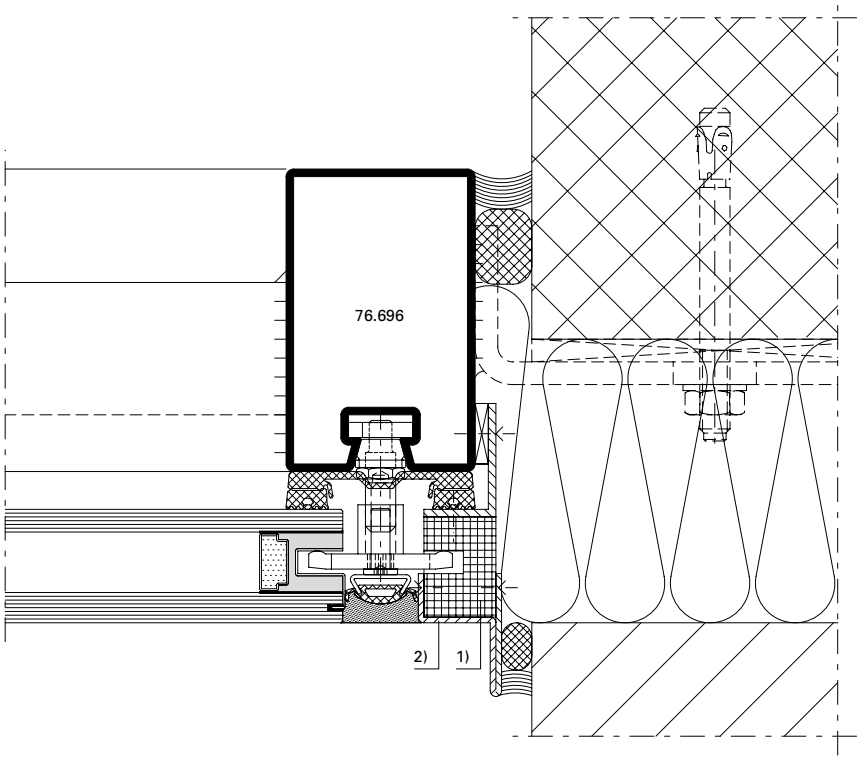
D-530-K-010

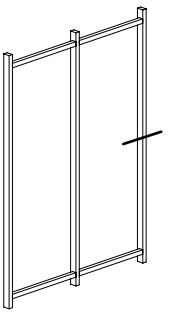




DXF DWG

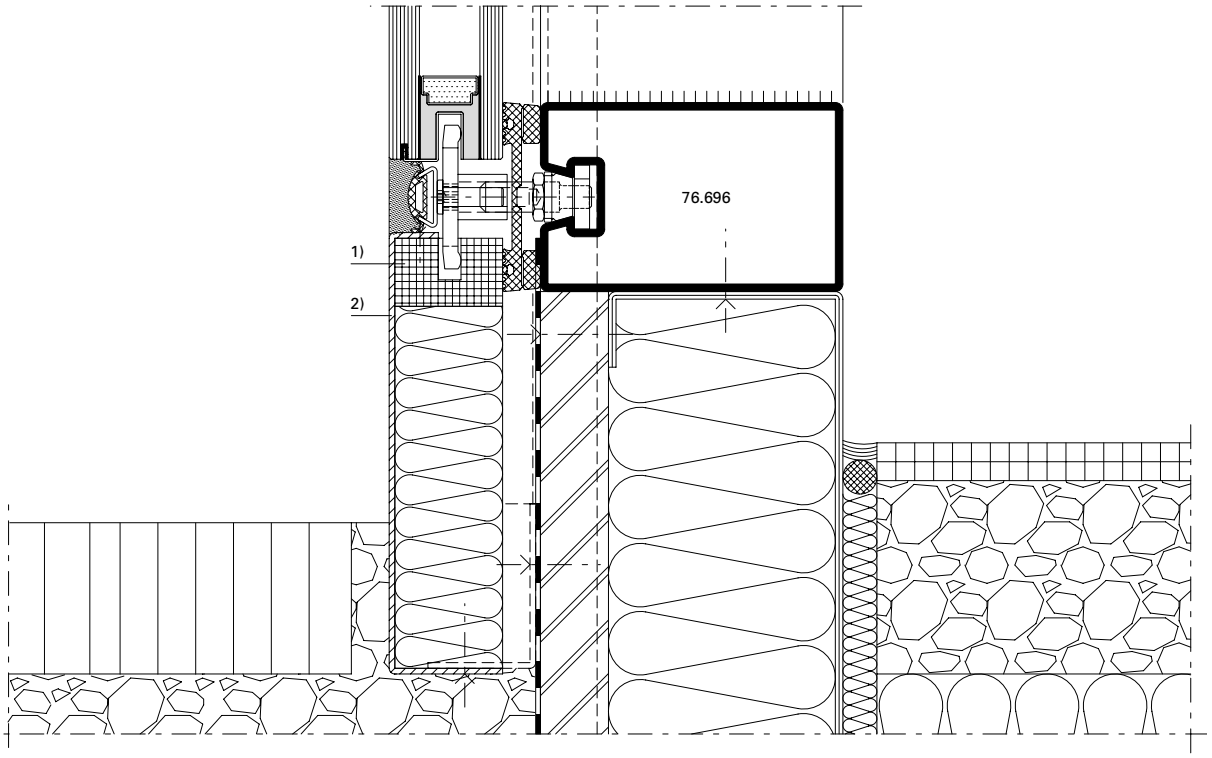
D-530-A-005

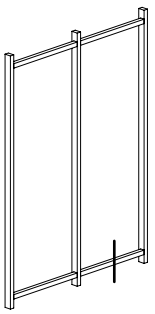




DXF DWG

D-530-A-006





DXF DWG

D-530-A-004

Ausführungshinweis:

1) Druckfeste Unterlage (verträglich mit Dow Corning 791)
2) Aluminium eloxiert (Qualität EURAS A6)

Consigne d'exécution:

1) Cale incompressible (compatible avec Dow Corning 791)
2) Aluminium anodisé (qualité EURAS A6)

Design information:

1) Compression-resistant support (compatible with Dow Corning 791)
2) Anodised aluminium (EURAS quality A6)

VISS SG HI
Ansichtsbreite 50 mm
mit Dämmprofil

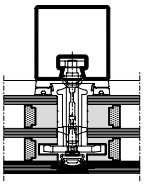
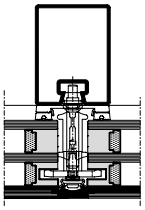
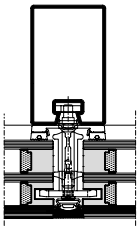
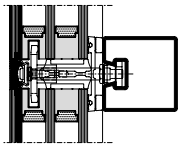
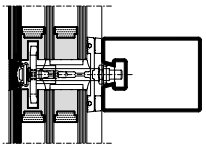
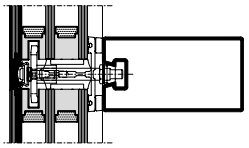
U_f-Werte nach EN 10077-2

VISS SG HI
Largeur de face 50 mm
avec gaine isolante

Valeurs U_f selon EN 10077-2

VISS SG HI
Width 50 mm
with insulating core

U_f values according to 10077-2

						
Glas **Verre** **Glass**	Pfosten 50/50 Montant 50/50 Mullion 50/50	Pfosten 50/95 Montant 50/95 Mullion 50/95	Pfosten 50/140 Montant 50/140 Mullion 50/140	Riegel 50/50 Traverse 50/50 Transom 50/50	Riegel 50/95 Traverse 50/95 Transom 50/95	Riegel 50/140 Traverse 50/140 Transom 50/140
50 mm	**0,75 W/m²K**	**0,76 W/m²K**	**0,77 W/m²K**	**0,74 W/m²K**	**0,75 W/m²K**	**0,75 W/m²K**
60 mm	**0,64 W/m²K**	**0,64 W/m²K**	**0,65 W/m²K**	**0,63 W/m²K**	**0,64 W/m²K**	**0,64 W/m²K**
70 mm	**0,58 W/m²K**	**0,57 W/m²K**	**0,57 W/m²K**	**0,56 W/m²K**	**0,56 W/m²K**	**0,57 W/m²K**

Der Einfluss der Schrauben-befestigung in Höhe von 0.3 W/m²K ist berücksichtigt.

L'influence de la fixation à vis de 0.3 W/m²K est prise en compte.

The 0.3 W/m²K influence of the screw fixing is taken into account.

Unter 40 mm Glasstärke kann das Dämmprofil nicht eingesetzt werden, da sonst keine optimale Glasfalz-belüftung garantiert werden kann.

A moins de 40 mm d'épaisseur de verre, le profilé isolant ne peut être utilisé car il est alors impossible de garantir une aération optimale de la feuillure à verre.

The insulating profile cannot be used with glass thicknesses under 40 mm, as optimum glazing rebate ventilation cannot otherwise be guaranteed.

VISS SG HI
Ansichtsbreite 60 mm
mit Dämmprofil

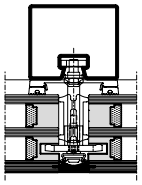
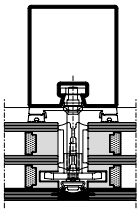
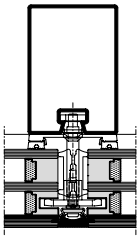
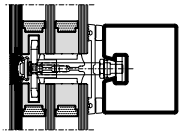
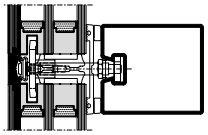
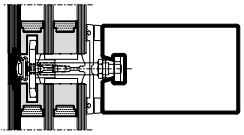
U_f-Werte nach EN 10077-2

VISS SG HI
Largeur de face 60 mm
avec gaine isolante

Valeurs U_f selon EN 10077-2

VISS SG HI
Width 60 mm
with insulating core

U_f values according to 10077-2

						
Glas **Verre** **Glass**	Pfosten 60/50 Montant 60/50 Mullion 60/50	Pfosten 60/100 Montant 60/100 Mullion 60/100	Pfosten 60/150 Montant 60/150 Mullion 60/150	Riegel 60/50 Traverse 60/50 Transom 60/50	Riegel 60/100 Traverse 60/100 Transom 60/100	Riegel 60/150 Traverse 60/150 Transom 60/150
50 mm	**0,72 W/m²K**	**0,73 W/m²K**	**0,73 W/m²K**	**0,71 W/m²K**	**0,72 W/m²K**	**0,72 W/m²K**
60 mm	**0,61 W/m²K**	**0,62 W/m²K**	**0,62 W/m²K**	**0,60 W/m²K**	**0,61 W/m²K**	**0,61 W/m²K**
70 mm	**0,56 W/m²K**	**0,60 W/m²K**	**0,60 W/m²K**	**0,50 W/m²K**	**0,50 W/m²K**	**0,50 W/m²K**

Glas **Verre** **Glass**	**76.140** Pfosten 60/180 Montant 60/180 Mullion 60/180	**76.141** Pfosten 60/220 Montant 60/220 Mullion 60/220	**76.142** Pfosten 60/280 Montant 60/280 Mullion 60/280	**76.140** Riegel 60/180 Traverse 60/180 Transom 60/180	**76.141** Riegel 60/220 Traverse 60/220 Transom 60/220	**76.142** Riegel 60/280 Traverse 60/280 Transom 60/280
50 mm	**0,73 W/m²K**	**0,74 W/m²K**	**0,74 W/m²K**	**0,72 W/m²K**	**0,73 W/m²K**	**0,73 W/m²K**
60 mm	**0,62 W/m²K**	**0,62 W/m²K**	**0,62 W/m²K**	**0,61 W/m²K**	**0,61 W/m²K**	**0,61 W/m²K**
70 mm	**0,60 W/m²K**	**0,60 W/m²K**	**0,60 W/m²K**	**0,50 W/m²K**	**0,50 W/m²K**	**0,50 W/m²K**

Der Einfluss der Schrauben-befestigung in Höhe von 0.3 W/m²K ist berücksichtigt.

Unter 40 mm Glasstärke kann das Dämmprofil nicht eingesetzt werden, da sonst keine optimale Glasfalz-belüftung garantiert werden kann.

L'influence de la fixation à vis de 0.3 W/m²K est prise en compte.

A moins de 40 mm d'épaisseur de verre, le profilé isolant ne peut être utilisé car il est alors impossible de garantir une aération optimale de la feuillure à verre.

The 0.3 W/m²K influence of the screw fixing is taken into account.

The insulating profile cannot be used with glass thicknesses under 40 mm, as optimum glazing rebate ventilation cannot otherwise be guaranteed.

VISS SG
Ansichtsbreite 50 mm

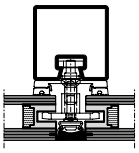
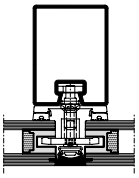
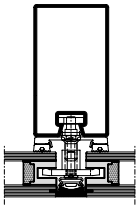
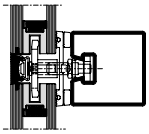
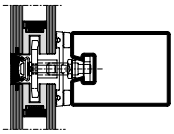
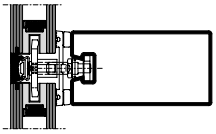
U_f-Werte nach EN 10077-2

VISS SG
Largeur de face 50 mm

Valeurs U_f selon EN 10077-2

VISS SG
Width 50 mm

U_f values according to 10077-2

						
Glas Verre Glass	Pfosten 50/50 Montant 50/50 Mullion 50/50	Pfosten 50/95 Montant 50/95 Mullion 50/95	Pfosten 50/140 Montant 50/140 Mullion 50/140	Riegel 50/50 Traverse 50/50 Transom 50/50	Riegel 50/95 Traverse 50/95 Transom 50/95	Riegel 50/140 Traverse 50/140 Transom 50/140
30 mm	**1,6 W/m²K**	**1,6 W/m²K**	**1,6 W/m²K**	**1,4 W/m²K**	**1,4 W/m²K**	**1,4 W/m²K**
40 mm	**1,4 W/m²K**	**1,4 W/m²K**	**1,4 W/m²K**	**1,2 W/m²K**	**1,3 W/m²K**	**1,3 W/m²K**
50 mm	**1,3 W/m²K**	**1,3 W/m²K**	**1,3 W/m²K**	**1,1 W/m²K**	**1,2 W/m²K**	**1,2 W/m²K**
60 mm	**1,3 W/m²K**	**1,3 W/m²K**	**1,3 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**
70 mm	**1,2 W/m²K**	**1,2 W/m²K**	**1,2 W/m²K**	**1,0 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**

Der Einfluss der Schrauben-befestigung in Höhe von 0.3 W/m²K ist berücksichtigt.

L'influence de la fixation à vis de 0.3 W/m²K est prise en compte.

The 0.3 W/m²K influence of the screw fixing is taken into account.

VISS SG
Ansichtsbreite 60 mm

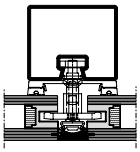
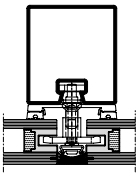
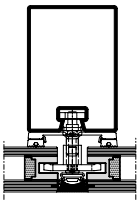
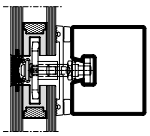
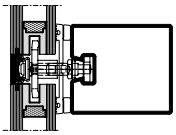
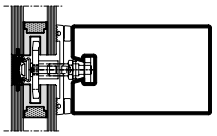
U_f-Werte nach EN 10077-2

VISS SG
Largeur de face 60 mm

Valeurs U_f selon EN 10077-2

VISS SG
Width 60 mm

U_f values according to 10077-2

						
Glas **Verre** **Glass**	Pfosten 60/50 Montant 60/50 Mullion 60/50	Pfosten 60/100 Montant 60/100 Mullion 60/100	Pfosten 60/150 Montant 60/150 Mullion 60/150	Riegel 60/50 Traverse 60/50 Transom 60/50	Riegel 60/100 Traverse 60/100 Transom 60/100	Riegel 60/150 Traverse 60/150 Transom 60/150
30 mm	**1,4 W/m²K**	**1,5 W/m²K**	**1,5 W/m²K**	**1,3 W/m²K**	**1,3 W/m²K**	**1,3 W/m²K**
40 mm	**1,3 W/m²K**	**1,3 W/m²K**	**1,3 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**	**1,2 W/m²K**
50 mm	**1,2 W/m²K**	**1,2 W/m²K**	**1,2 W/m²K**	**1,0 W/m²K**	**1,0 W/m²K**	**1,1 W/m²K**
60 mm	**1,1 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**	**0,96 W/m²K**	**0,97 W/m²K**	**0,98 W/m²K**
70 mm	**1,0 W/m²K**	**1,0 W/m²K**	**1,1 W/m²K**	**0,90 W/m²K**	**0,90 W/m²K**	**0,90 W/m²K**

Glas **Verre** **Glass**	**76.140** Pfosten 60/180 Montant 60/180 Mullion 60/180	**76.141** Pfosten 60/220 Montant 60/220 Mullion 60/220	**76.142** Pfosten 60/280 Montant 60/280 Mullion 60/280	**76.140** Riegel 60/180 Traverse 60/180 Transom 60/180	**76.141** Riegel 60/220 Traverse 60/220 Transom 60/220	**76.142** Riegel 60/280 Traverse 60/280 Transom 60/280
50 mm	**1,2 W/m²K**	**1,2 W/m²K**	**1,2 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**
60 mm	**1,1 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**	**0,98 W/m²K**	**0,98 W/m²K**	**0,98 W/m²K**
70 mm	**1,1 W/m²K**	**1,1 W/m²K**	**1,1 W/m²K**	**0,90 W/m²K**	**0,90 W/m²K**	**0,90 W/m²K**

Der Einfluss der Schrauben-befestigung in Höhe von 0.3 W/m²K ist berücksichtigt.

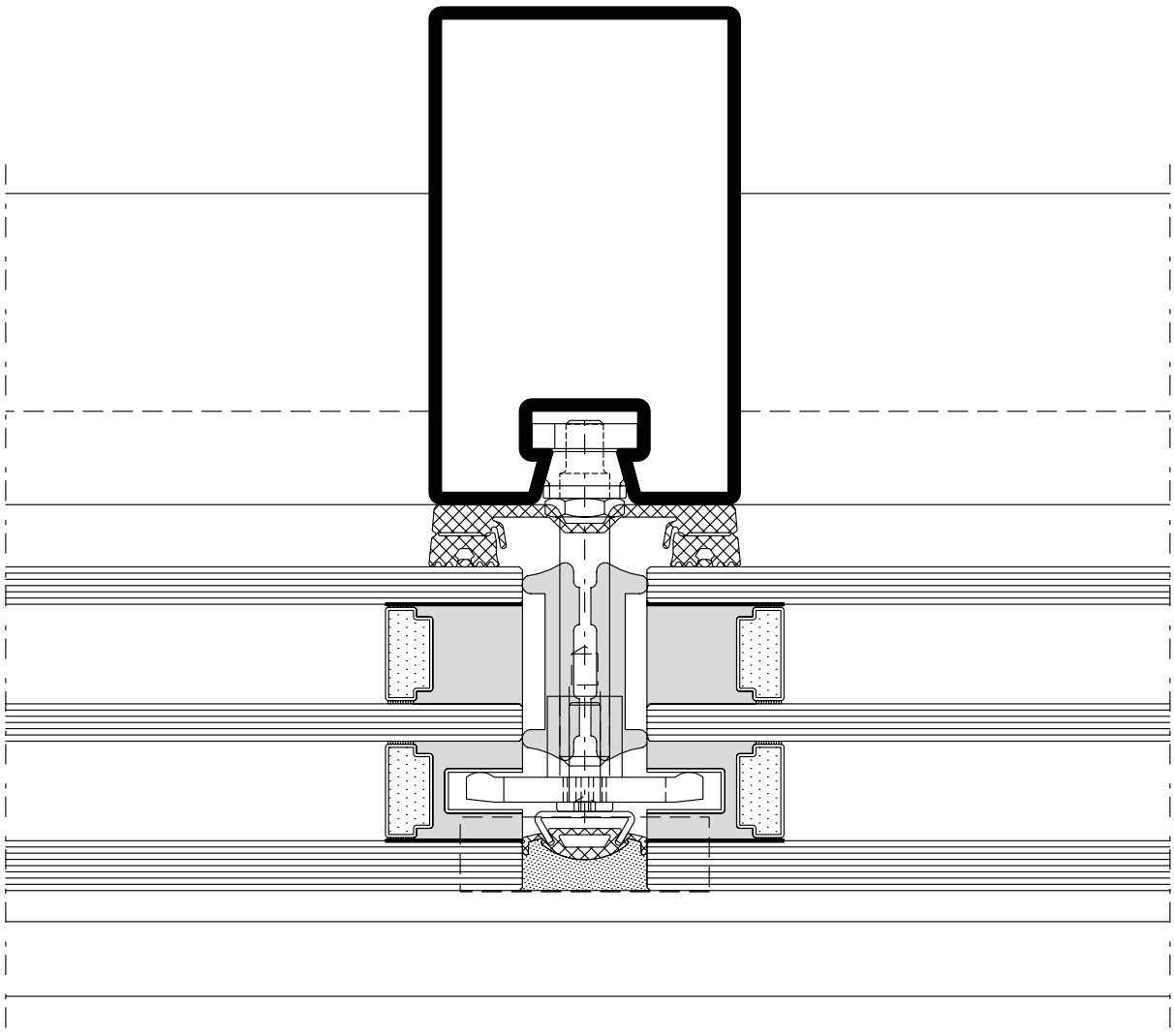
L'influence de la fixation à vis de 0.3 W/m²K est prise en compte.

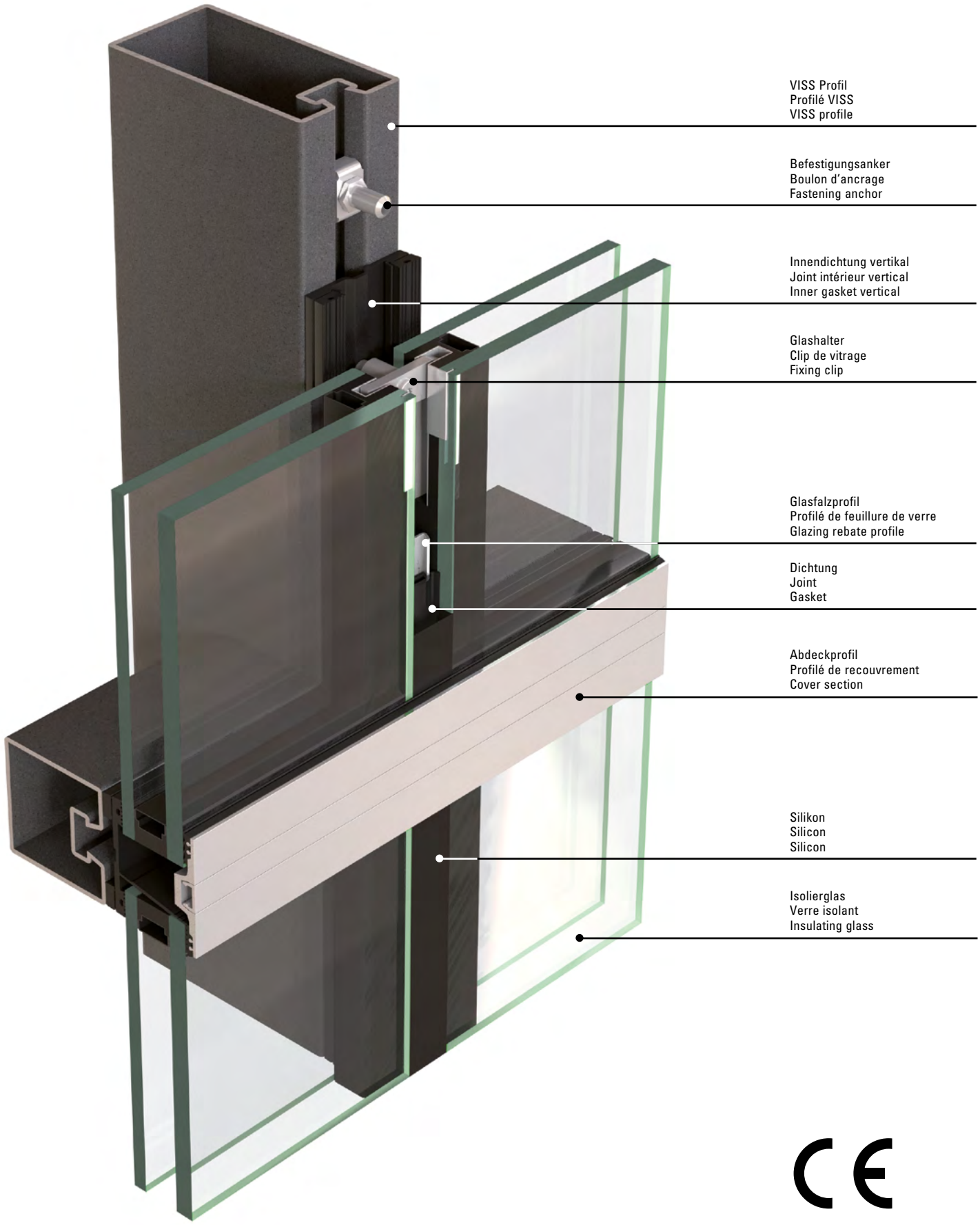
The 0.3 W/m²K influence of the screw fixing is taken into account.

- CE-Kennzeichnung nach EN 13830
- Betonung der horizontalen oder vertikalen Linien
- Erhöht die Transparenz der Fassade
- Glasstösse mit einer Silikonfuge von nur 20 mm
- Ansichtsbreiten 50 und 60 mm
- Zweifach- und Dreifach-Isolierglas Glasstärken bis 30 - 70 mm
- Kombinierbar mit der VISS Fassade sowie VISS Basic
- Einfache Realisierung von Ganzglas-Ecklösungen
- Mechanische Fixierung der Gläser - kein Verkleben notwendig

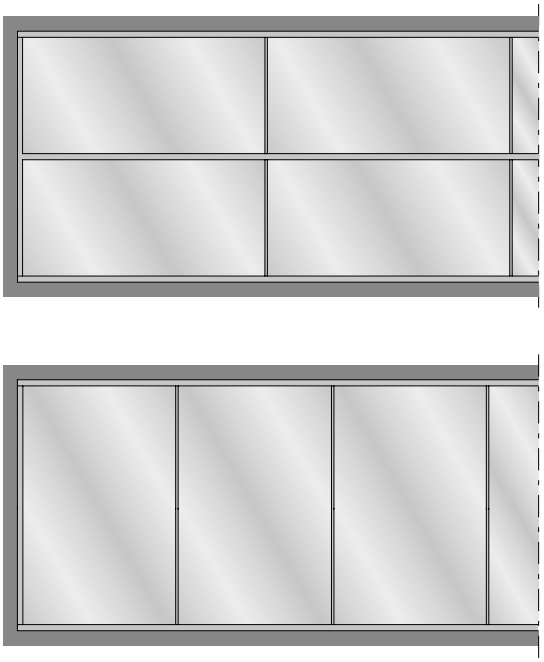
- Marquage CE selon EN 13830
- Accentuation des lignes horizontales ou verticales
- Accroît la transparence de la façade
- Étanchéité grâce à un joint silicone de seulement 20 mm
- Largeurs de face 50 et 60 mm
- Verre isolant double ou triple, épaisseurs de verre jusqu'à 30 à 70 mm
- Combinable avec les façades VISS et VISS Basic
- Réalisation simple d'angles tout verre
- Fixation mécanique des vitres - inutile de coller

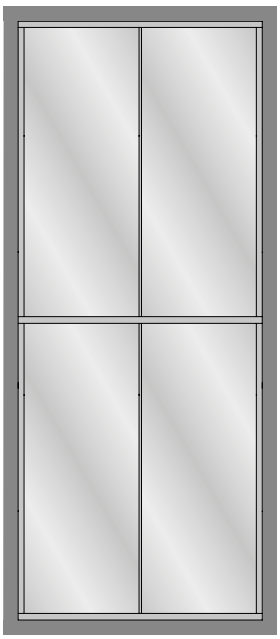
- CE marking in accordance with EN 13830
- Emphasis of horizontal or vertical lines
- Increases the degree of transparency of the façade
- Glass joints with a silicone joint of just 20 mm
- Face widths of 50 and 60 mm
- Double and triple insulating glass thicknesses of up to 30 - 70 mm
- Can be combined with the VISS façade as well as VISS Basic
- Easy implementation of all-glass corner solutions
- Mechanical fixing of the glass - no bonding required

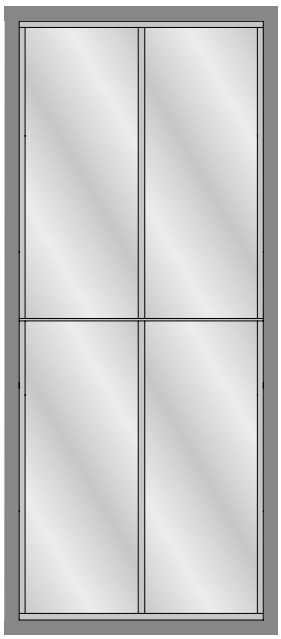


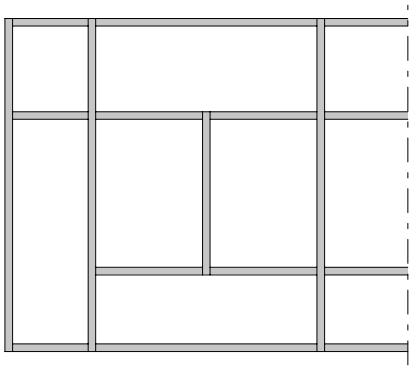

VISS Profil
Profilé VISS
VISS profile
Befestigungsanker
Boulon d'ancrage
Fastening anchor
Innendichtung vertikal
Joint intérieur vertical
Inner gasket vertical
Glashalter
Clip de vitrage
Fixing clip
Glasfalzprofil
Profilé de feuillure de verre
Glazing rebate profile
Dichtung
Joint
Gasket
Abdeckprofil
Profilé de recouvrement
Cover section
Silikon
Silicon
Silicon
Isolierglas
Verre isolant
Insulating glass

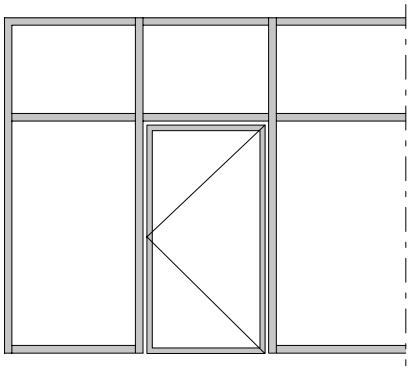
CE

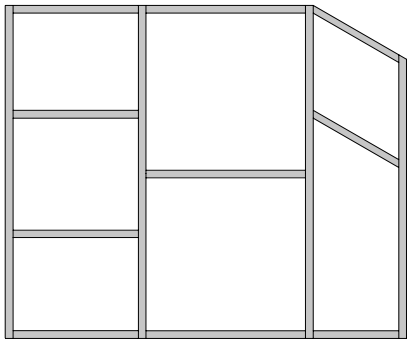


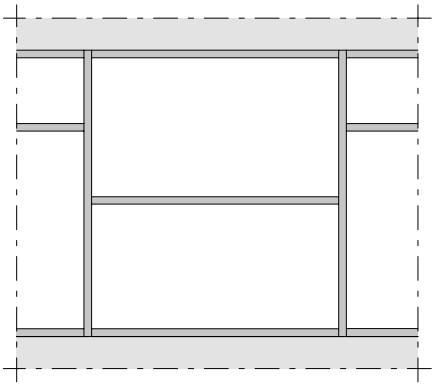


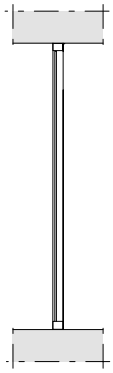


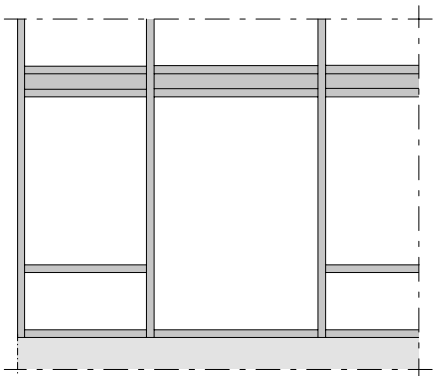


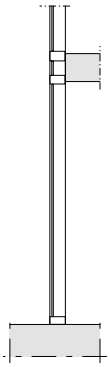




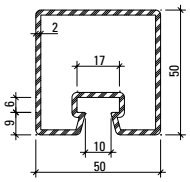




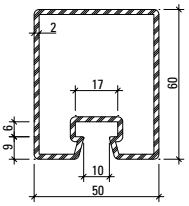




	Prüfungen (Prüfnorm) **Essais (Norme d'essai)** **Tests (Test standard)**	**Klassifizierungs-Norm** **Norme de classification** **Classification standard**	**Werte** **Valeurs** **Values**
	Schlagregendichtheit (EN 12155) Etanchéité à la pluie battante (EN 12155) Watertightness (EN 12155)	**EN 12154**	RE 1200
	Widerstand bei Windlast (EN 12179) Résistance à la pression du vent (EN 12179) Resistance to wind load (EN 12179)	**EN 13116**	Bemessungslast 2 kN/m² Charge de calcul 2 kN/m² Designed load 2 kN/m²
	Luftdurchlässigkeit (EN 12153) Perméabilité à l'air (EN 12153) Air permeability (EN 12153)	**EN 12152**	Klasse AE Classe AE Class AE
	Wärmedurchgangskoeffizient (EN 13947) Transmission thermique (EN 13947) Thermal production (EN 13947)	**EN ISO 10077-2**	ab U_f > 0.50 W/m²K dès U_f > 0.50 W/m²K from U_f > 0.50 W/m²K
	Stossfestigkeit Résistance au chocs Impact strength	**EN 14019**	Klasse E5 / I5 Classe E5 / I5 Class E5 / I5
	Technische Regeln für die Verwendung von absturzsichernden Verglasungen Règlement technique pour la sécurité anti-chute des vitrages The technical regulations for protecting glazing against falling out	**DIN 18008-4**	Kategorie A, C2, C3 Catégorie A, C2, C3 Category A, C2, C3



76.694
76.694 Z



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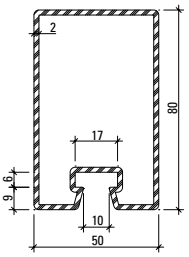

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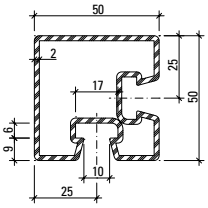

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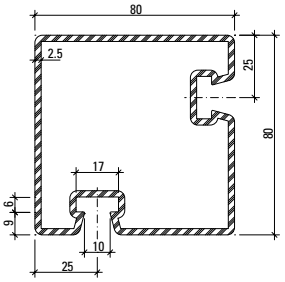

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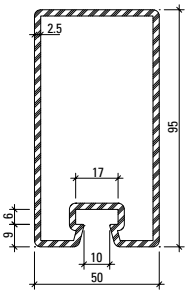

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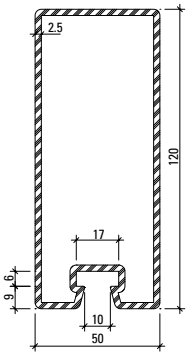

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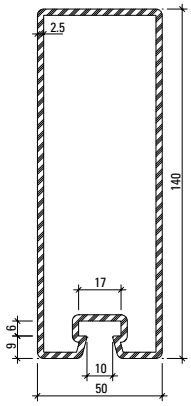

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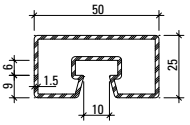

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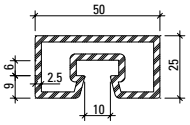

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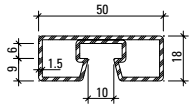

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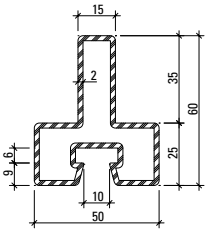

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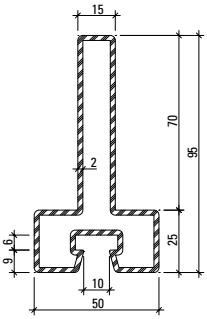

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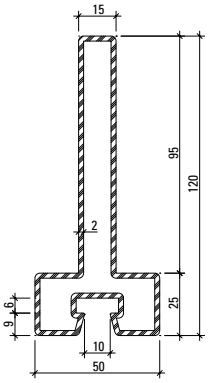
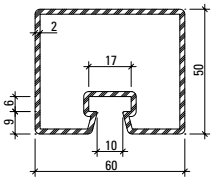
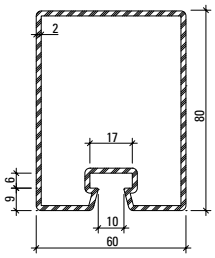


76.116

Profil-Nr.	G kg/m	F cm²	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/m	L mm
76.094	4,090	5,21	15,2	5,90	15,20	5,90	0,280	6000
76.096	6,000	7,64	68,5	16,79	68,53	16,79	0,391	6000
76.666	7,910	10,10	240,0	32,10	43,50	17,40	0,412	6500
76.671	3,860	4,90	23,20	7,20	17,30	6,90	0,260	6500
76.679	7,120	9,07	162,0	25,20	37,90	15,20	0,373	6500
76.680	3,390	4,32	3,17	2,38	11,08	4,43	0,182	6100
76.682	2,120	2,70	2,34	1,81	7,20	2,90	0,190	6000
76.692	1,900	2,52	0,85	0,81	6,00	2,40	0,176	6000
76.694	3,500	4,50	15,0	5,70	14,80	5,90	0,240	6500
76.696	4,450	5,70	48,4	11,50	21,80	8,70	0,300	6500
76.697	6,100	7,90	92,0	17,90	31,00	12,40	0,330	6500
76.114	3,820	4,87	15,36	4,14	9,79	3,91	0,251	6000
76.115	4,920	6,27	54,76	9,31	10,38	4,15	0,321	6000
76.116	5,710	7,27	105,0	14,31	10,81	4,32	0,371	6000



76.695
76.695 Z



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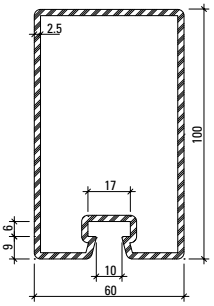

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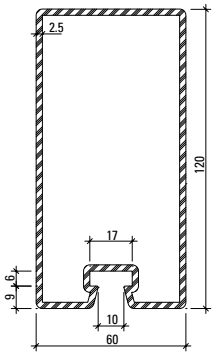

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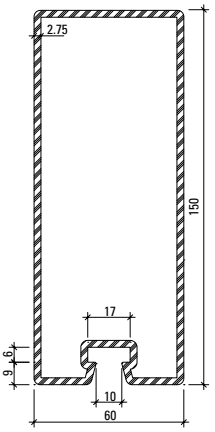

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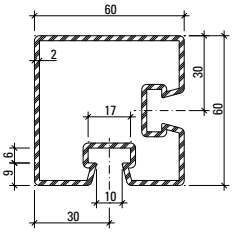

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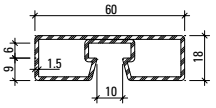

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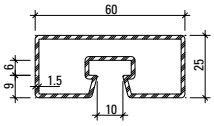

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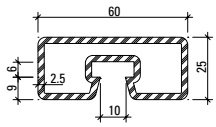

76.681

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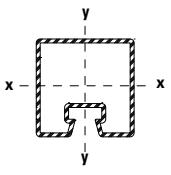
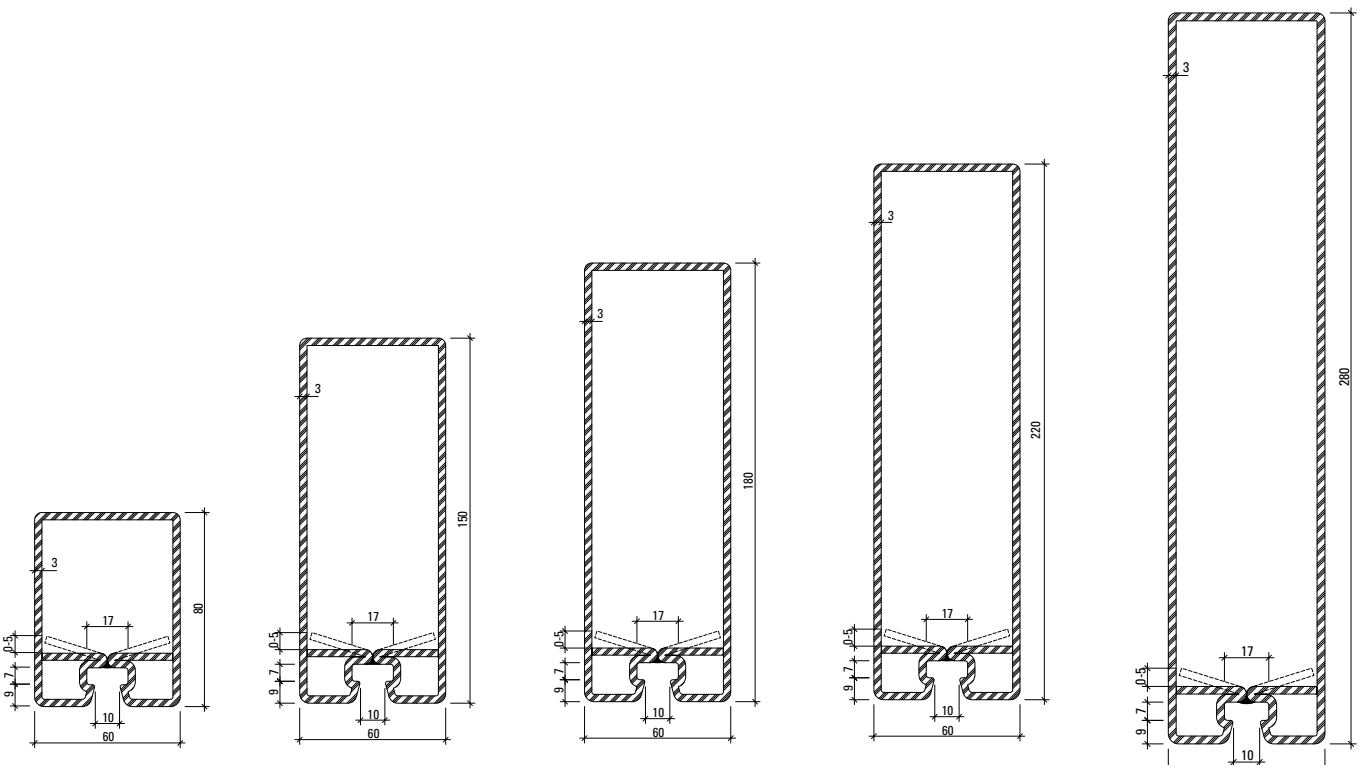
DXF **DWG**

Stabachse
Axe de la barre
Bar axis



Profil-Nr.	G kg/m	F cm²	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/m	L mm
76.095	4,750	6,05	27,2	8,56	27,17	8,56	0,311	6000
76.667	9,530	12,10	343,0	43,00	75,10	25,00	0,452	6500
76.678	4,800	6,11	53,9	12,60	33,20	11,10	0,320	6500
76.681	3,790	4,82	3,81	2,89	17,29	5,76	0,202	6100
76.683	2,360	3,00	2,77	2,14	11,20	3,70	0,210	6000
76.684	6,730	8,57	114,0	21,30	48,30	16,10	0,352	6500
76.693	2,140	2,82	1,20	1,10	9,50	3,10	0,196	6000
76.695	3,800	4,90	17,6	6,70	22,80	7,60	0,260	6500
76.698	7,500	9,67	183,0	28,30	55,50	18,50	0,400	6500



76.143 Z **76.144 Z** **76.140 Z** **76.141 Z** **76.142 Z**

Aufgrund von Fertigungstoleranzen kann die Lage des Rückbogens von 0 bis 5 mm variieren.

En raison des tolérances de fabrication, la position du segment coudé peut varier de 0 à 5 mm.

Due to fabrication tolerances, the position of the rear arch may vary between 0 and 5 mm.

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

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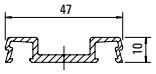
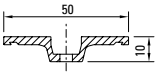
DXF DWG

Profil-Nr.	G kg/m	F cm²	Ix cm⁴	Wx cm³	Iy cm⁴	Wy cm³	U m²/m	L mm
76.140 Z	12,946	16,47	649,2	64,3	100,0	33,2	0,516	8000
76.141 Z	14.833	18.87	1090,2	89,1	119,1	39,7	0,596	8000
76.142 Z	17,662	22,5	2041,7	132,7	148,4	49,5	0,716	10000
76.143 Z	8.340	10.62	80,4	17,9	50,8	16,9	0,316	6500
76.144 Z	11.630	14.82	406,0	47,9	85,0	28,3	0,456	6500

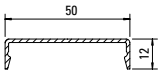


407.800

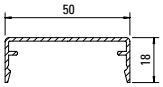


407.821

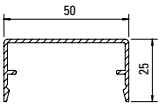
407.823



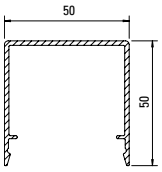
407.860



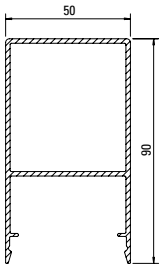
407.861



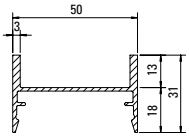
407.862



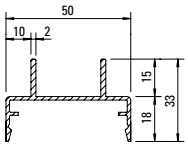
407.863



407.864



407.900



407.911

Werkstoff
Aluminium EN AW 6060 T66 roh, leicht eingeölt

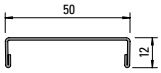
Matériau
Aluminium EN AW 6060 T66 brut, légèrement huilé

Material
Aluminium EN AW 6060 T66 mill finish, slightly oiled

Profil-Nr.	G kg/m	U m²/m	P m²/m	L mm
407.800	0,414	0,160		6000
407.821	0,440	0,143	0,067	6000
407.823	0,076	0,043	0,019	6000
407.860	0,266	0,147	0,072	6000

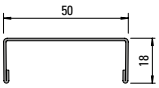
Profil-Nr.	G kg/m	U m²/m	P m²/m	L mm
407.861	0,341	0,185	0,084	6000
407.862	0,394	0,213	0,098	6000
407.863	0,660	0,313	0,148	6000
407.864	1,344	0,360	0,228	6000
407.900	0,556	0,240	0,138	6000
407.911	0,510	0,245	0,146	6000

Edelstahl-Abdeckprofile
Werkstoff 1.4301 (AISI 304)
geschliffen, Korn 220/240,
mit Schutzfolie



400.860

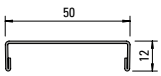
Profilé de recouvrement acier Inox
Qualité 1.4301 (AISI 304)
meulé, degré 220/240,
avec feuille de protection



400.861

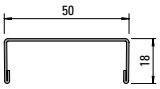
Stainless steel cover sections
Material 1.4301 (AISI 304)
polished, grain 220/240,
with protective film

Edelstahl-Abdeckprofile
Werkstoff 1.4401 (AISI 316)
geschliffen, Korn 220/240,
mit Schutzfolie



400.862

Profilé de recouvrement acier Inox
Qualité 1.4401 (AISI 316)
meulé, degré 220/240,
avec feuille de protection



400.863

Stainless steel cover sections
Material 1.4401 (AISI 316)
polished, grain 220/240,
with protective film

Profil-Nr.	G kg/m	L mm
400.860	0,644	6000
400.861	0,734	6000

Profil-Nr.	G kg/m	L mm
400.862	0,652	6000
400.863	0,744	6000

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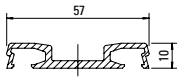
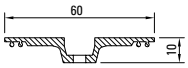
DXF DWG

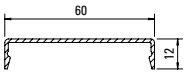


407.802



407.822

407.823



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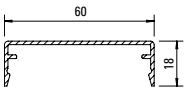

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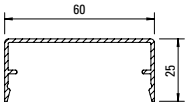
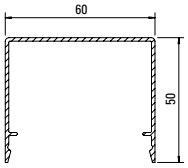
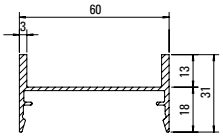


407.867



407.868



407.901

Werkstoff
Aluminium EN AW 6060 T66 roh, leicht eingeölt

Matériau
Aluminium EN AW 6060 T66 brut, légèrement huilé

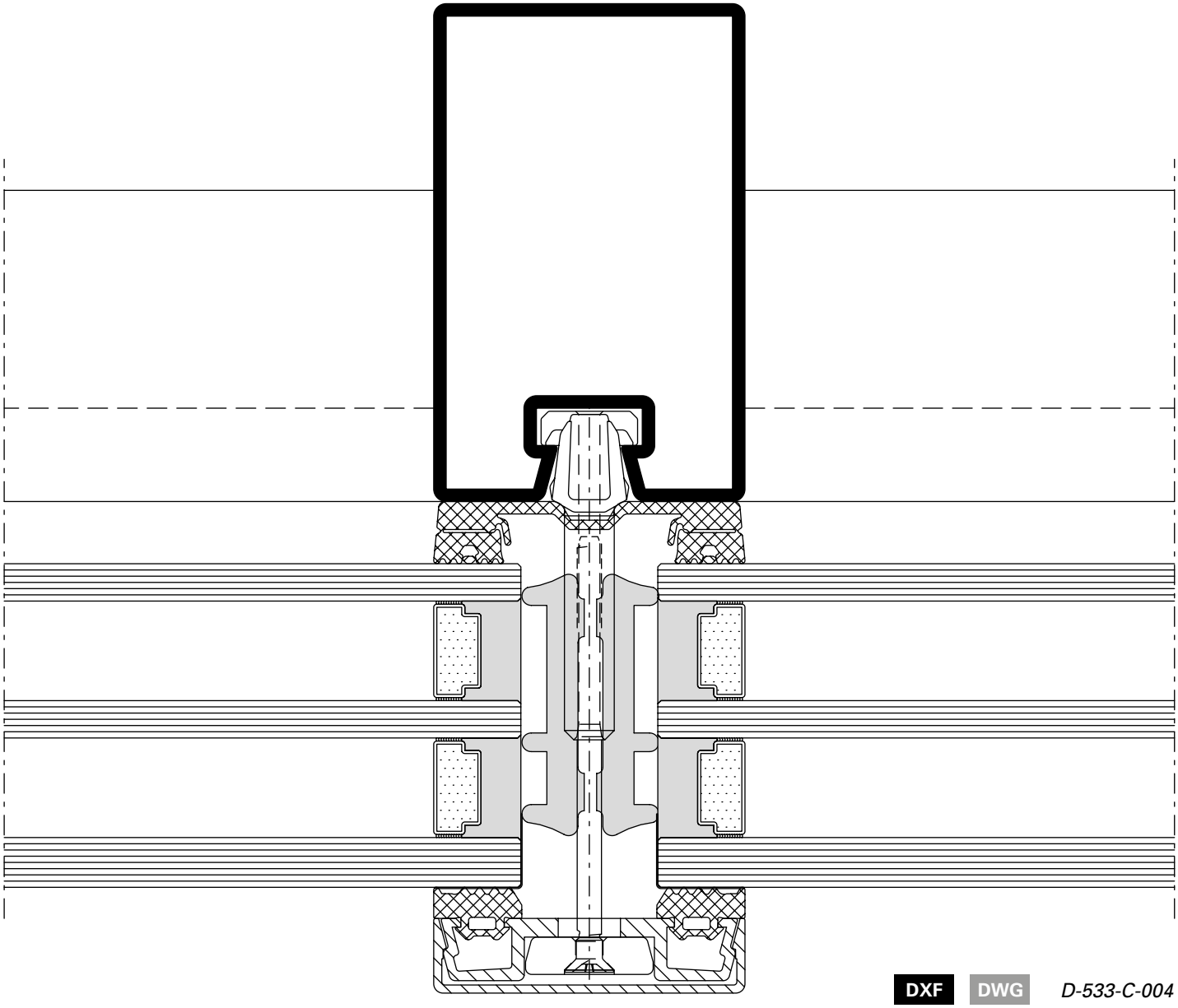
Material
Aluminium EN AW 6060 T66 mill finish, slightly oiled

Profil-Nr.	G kg/m	U m²/m	P m²/m	L mm
407.802	0,558	0,190		6000
407.822	0,530	0,163	0,051	6000
407.823	0,076	0,043	0,019	6000
407.865	0,304	0,167	0,082	6000
407.866	0,379	0,205	0,094	6000
407.867	0,432	0,223	0,108	6000
407.868	0,750	0,330	0,160	6000
407.901	0,590	0,255	0,148	6000

VISS Semi SG HI
Pfosten-Detail
Ansichtsbreite 50 mm

VISS Semi SG HI
Détail de la montant
Largeur de face 50 mm

VISS Semi SG HI
Detail of mullion
Width 50 mm

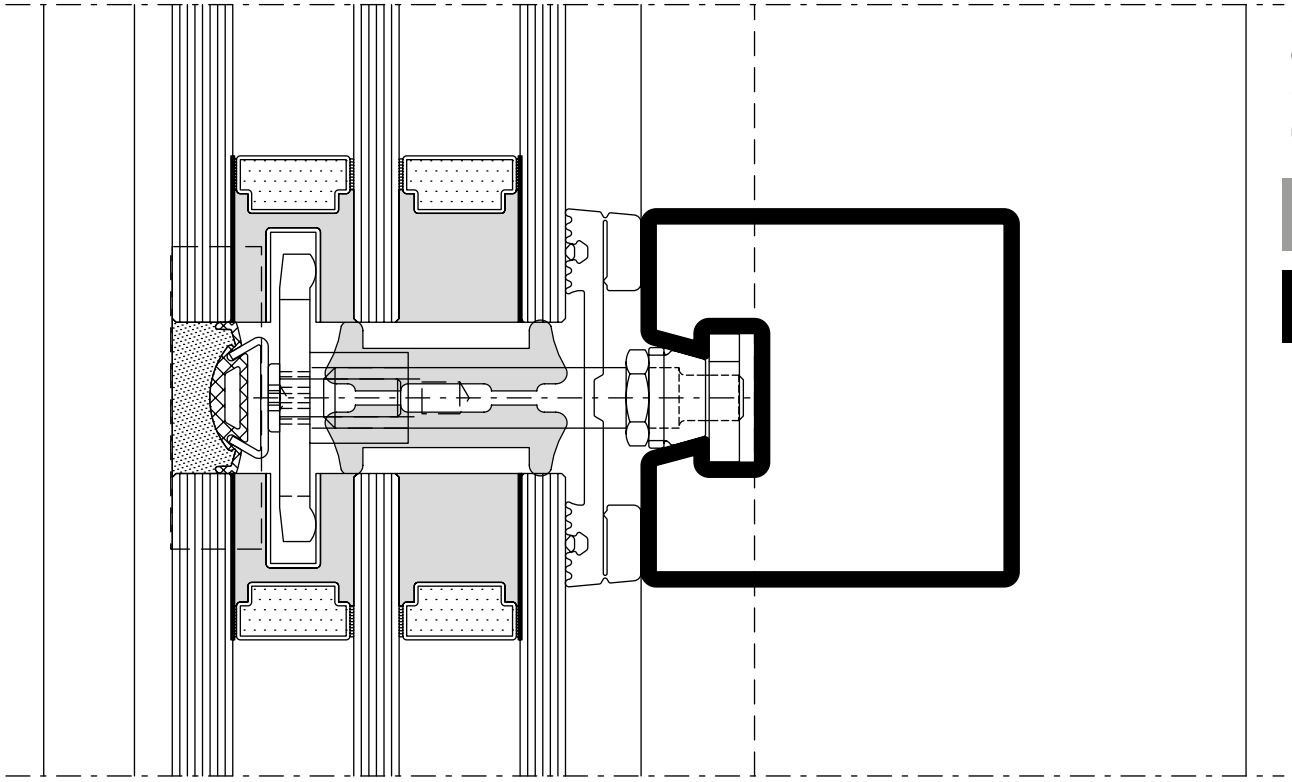


DXF **DWG** *D-533-C-004*

VISS Semi SG HI
Riegel-Detail
Ansichtsbreite 50 mm

VISS Semi SG HI
Détail de la traverse
Largeur de face 50 mm

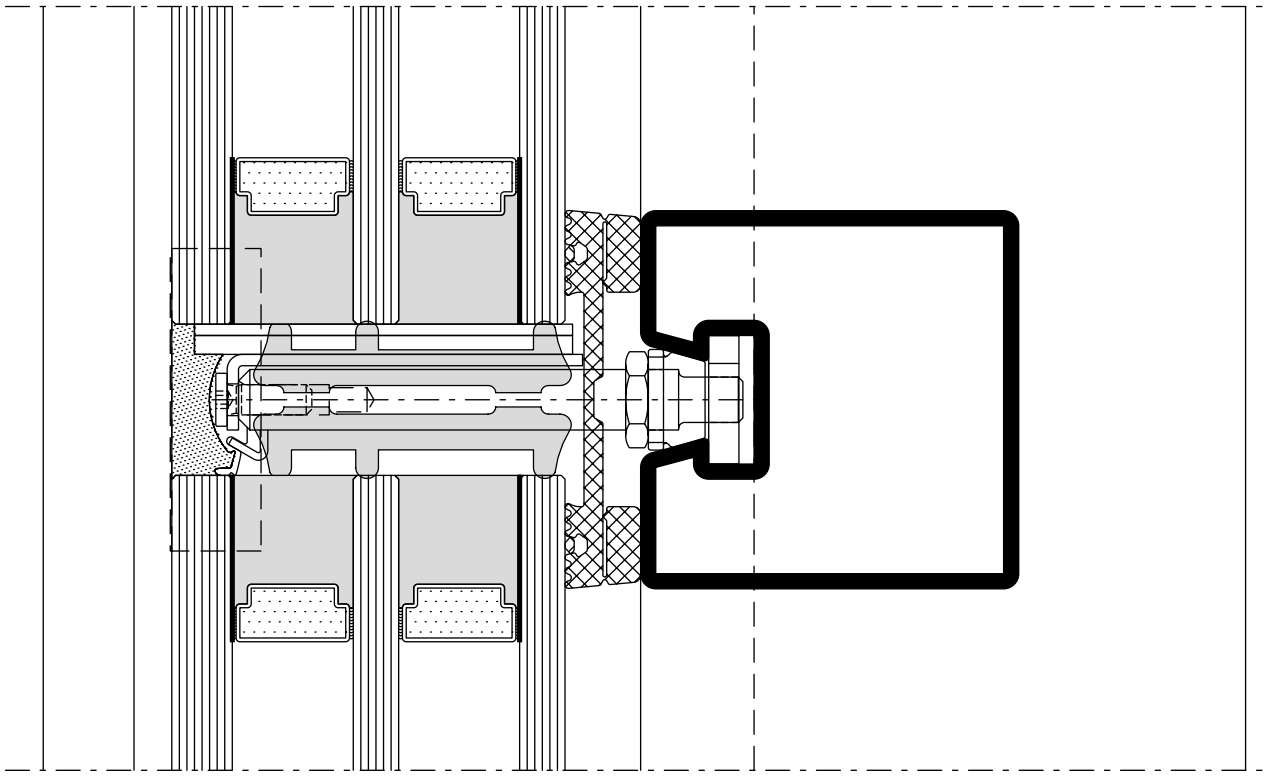
VISS Semi SG HI
Detail of transom
Width 50 mm



D-533-C-005

DWG

DXF



D-533-C-006

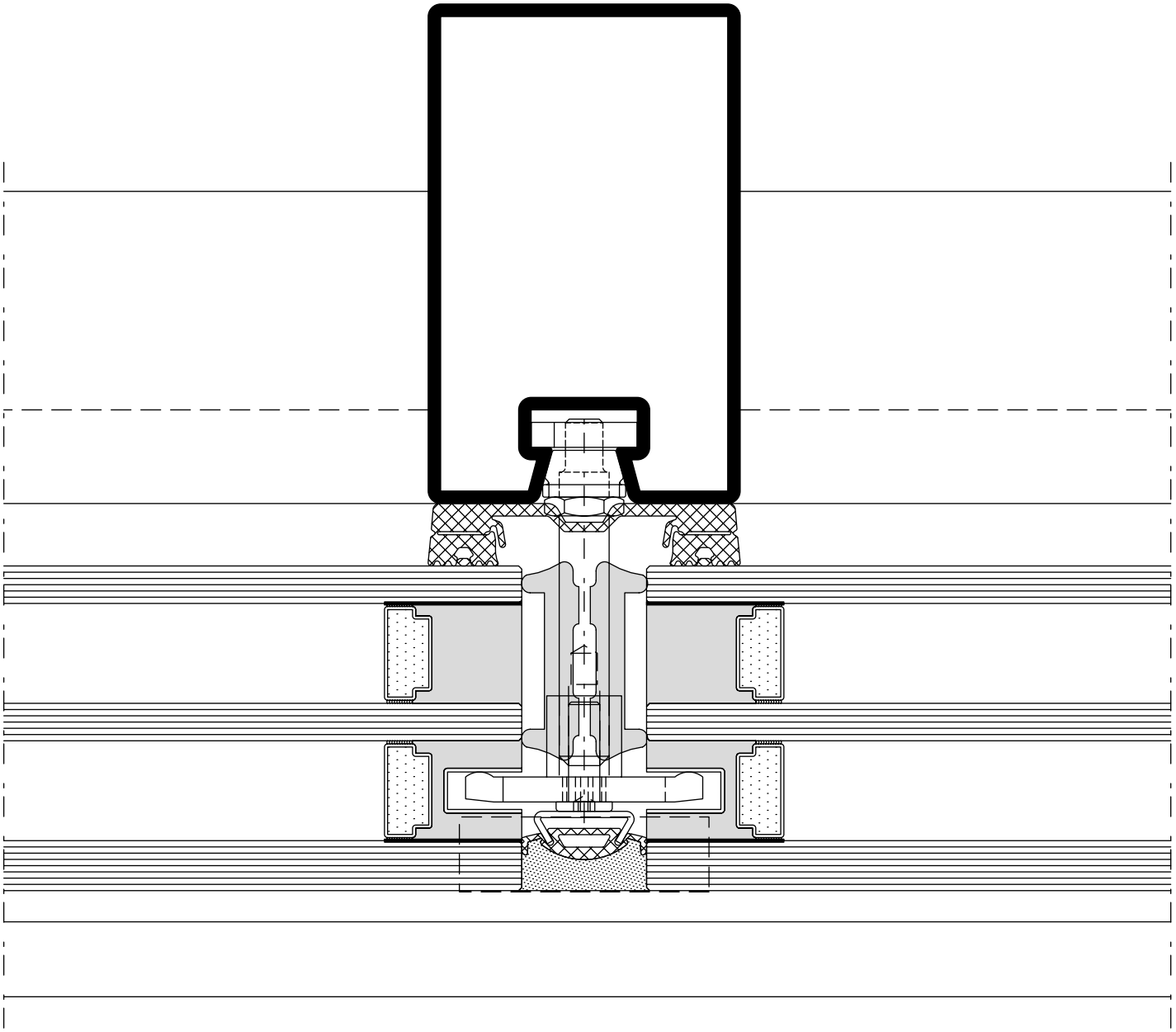
DWG

DXF

VISS Semi SG HI
Pfosten-Detail
Ansichtsbreite 50 mm

VISS Semi SG HI
Détail de la montant
Largeur de face 50 mm

VISS Semi SG HI
Detail of mullion
Width 50 mm

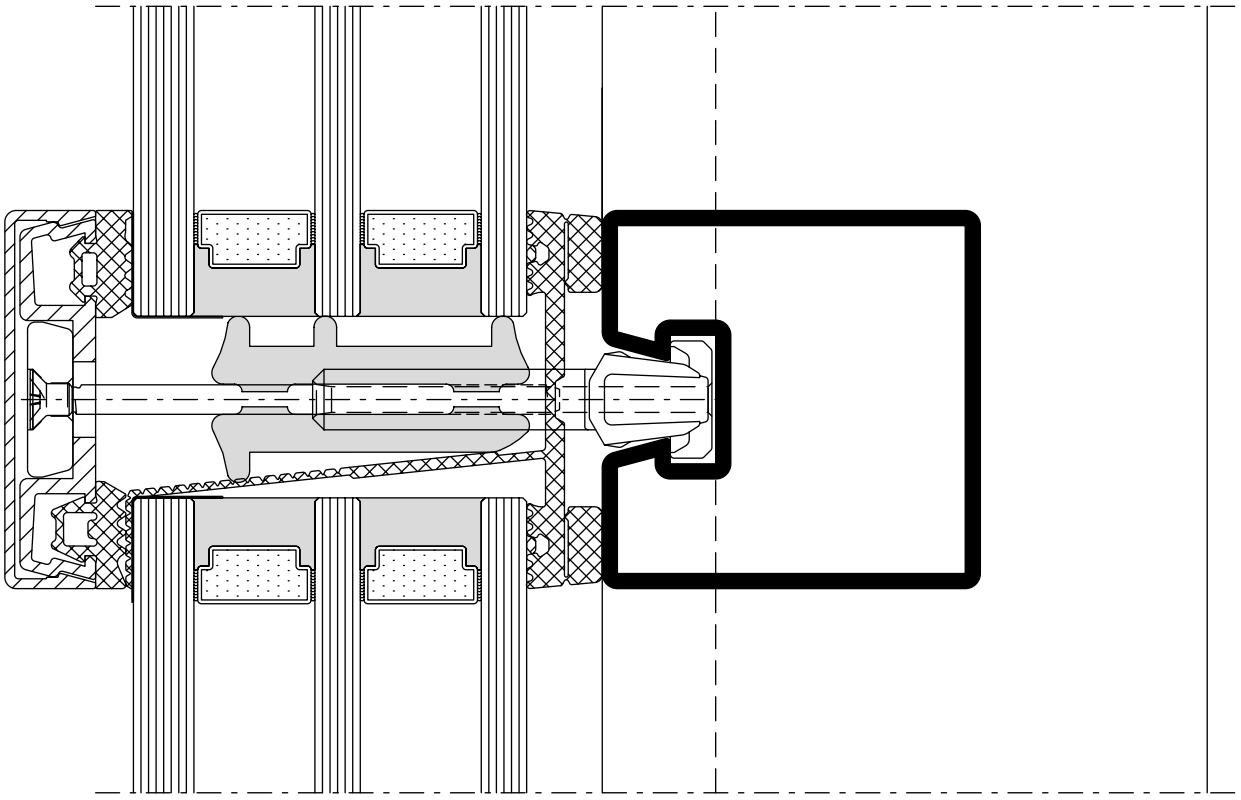


DXF DWG *D-533-C-010*

VISS Semi SG HI
Riegel-Detail
Ansichtsbreite 50 mm

VISS Semi SG HI
Détail de la traverse
Largeur de face 50 mm

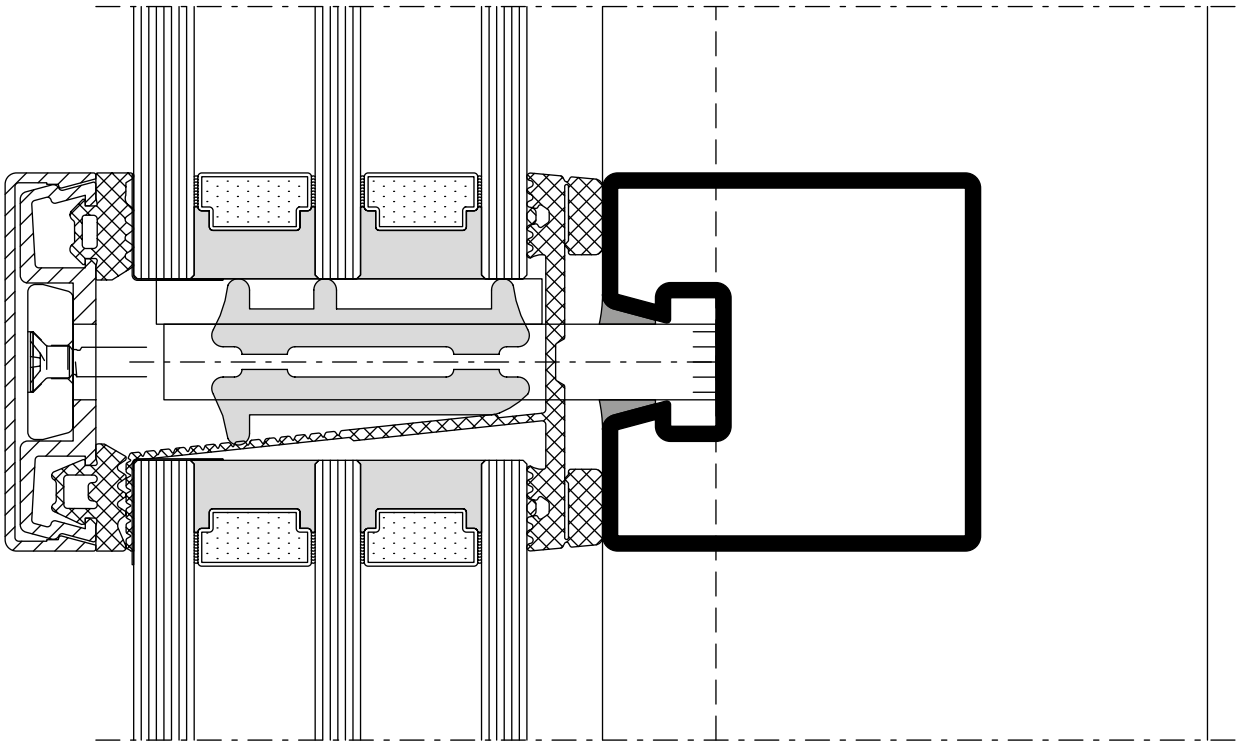
VISS Semi SG HI
Detail of transom
Width 50 mm



D-533-C-011

DWG

DXF



D-533-C-012

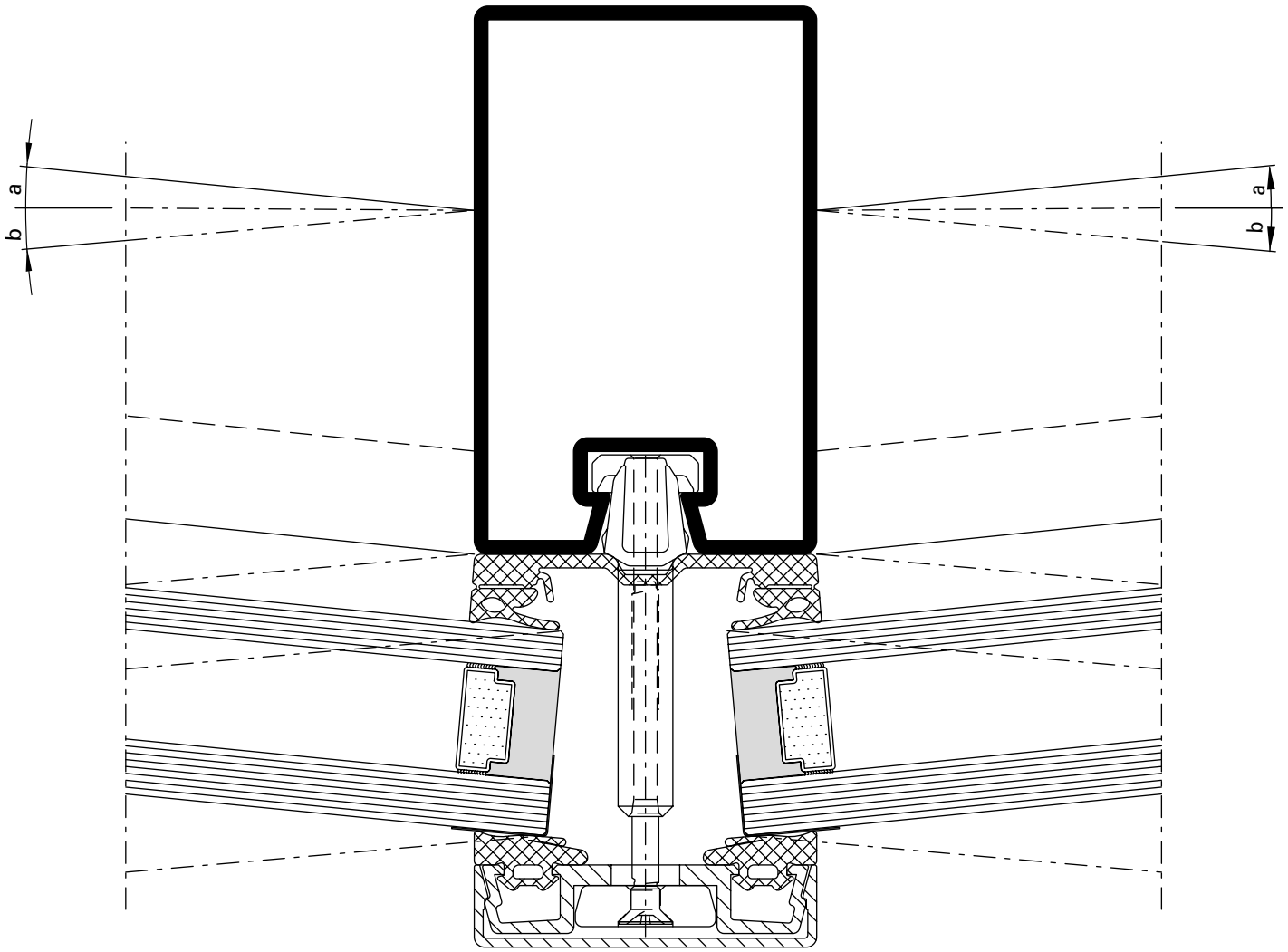
DWG

DXF

VISS Semi SG
Pfosten-Detail
Segmentverglasung 50 mm

VISS Semi SG
Détail de la montant
Vitrage segmenté 50 mm

VISS Semi SG
Detail of mullion
Segmental glazing 50 mm



DXF **DWG** *D-533-C-013*

α β	Füllelement- dicke	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

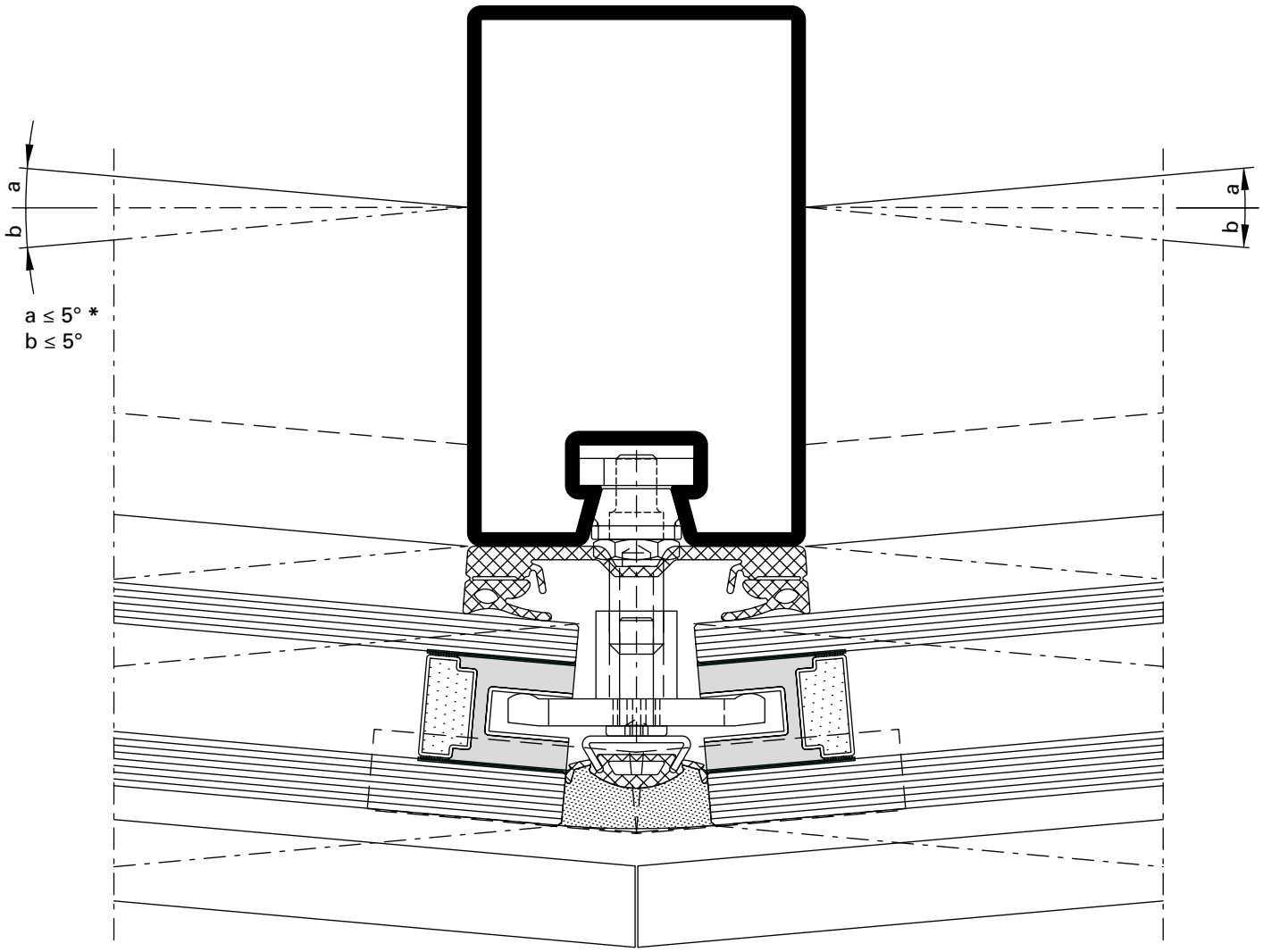
α β	Epaisseur du remplissage	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

α β	Thickness of glass/panel	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

VISS Semi SG
Pfosten-Detail
Segmentverglasung 50 mm

VISS Semi SG
Détail de la montant
Vitrage segmenté 50 mm

VISS Semi SG
Detail of mullion
Segmental glazing 50 mm



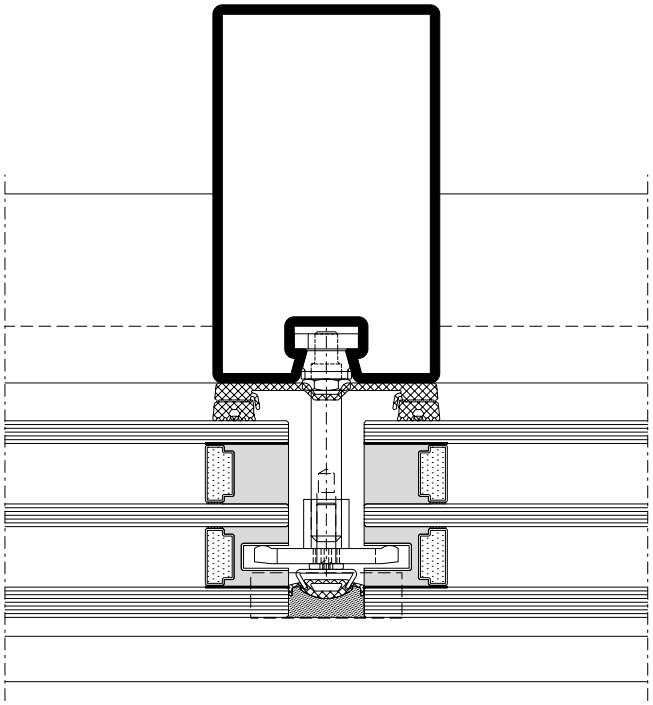
DXF DWG *D-533-C-014*

*** Hinweis**
Dies gilt für Füllelementstärken von 30 - 70 mm bzw. für 2- und 3-fach Verglasungen.

*** Remarque**
Cela est applicable pour les épaisseurs d'élément de remplissage de 30 à 70 mm et pour les vitrages doubles et triples.

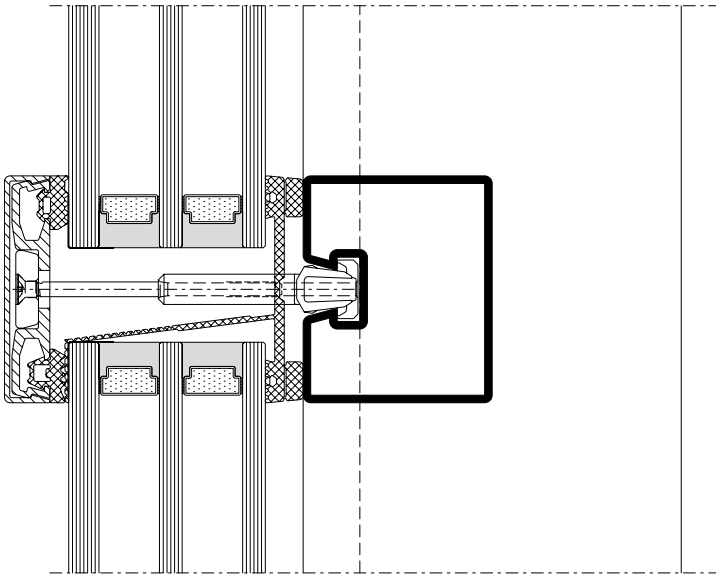
*** Note**
This applies to infill unit thicknesses of 30-70 mm and to double and triple glazing.

VISS Semi SG
Ansichtsbreite 60 mm



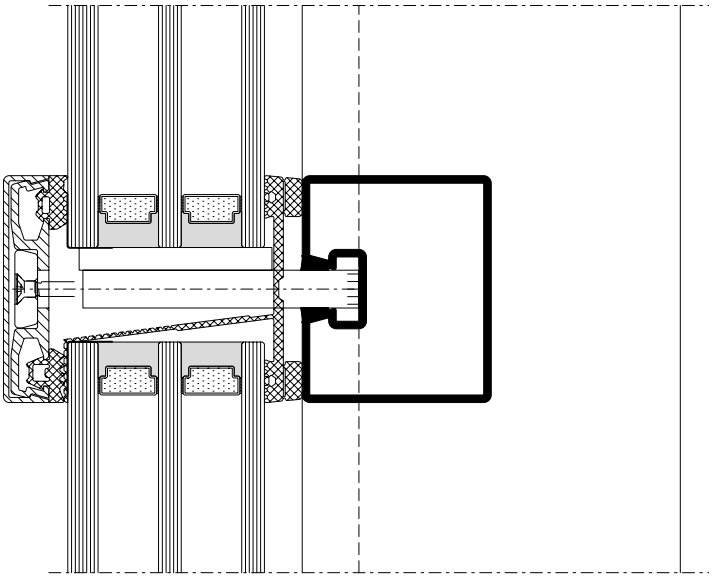
DXF DWG *D-633-C-010*

VISS Semi SG
Largeur de face 60 mm



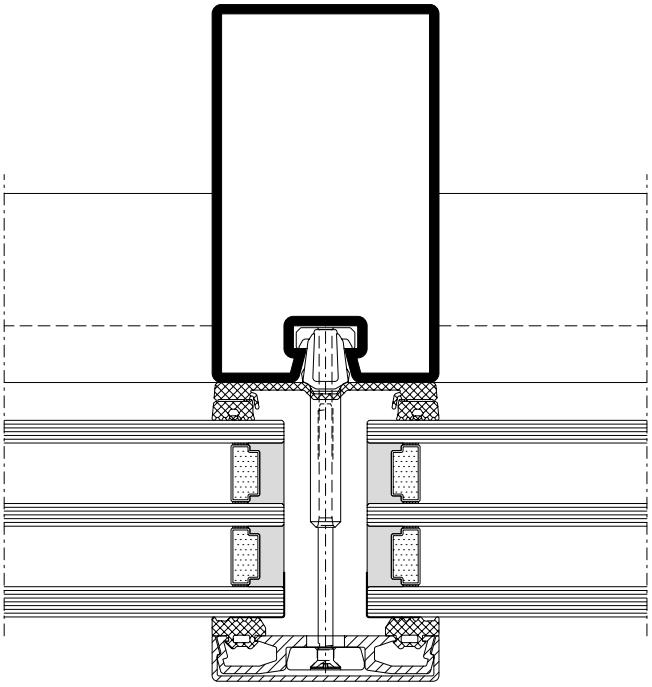
DXF DWG *D-633-C-011*

VISS Semi SG
Width 60 mm



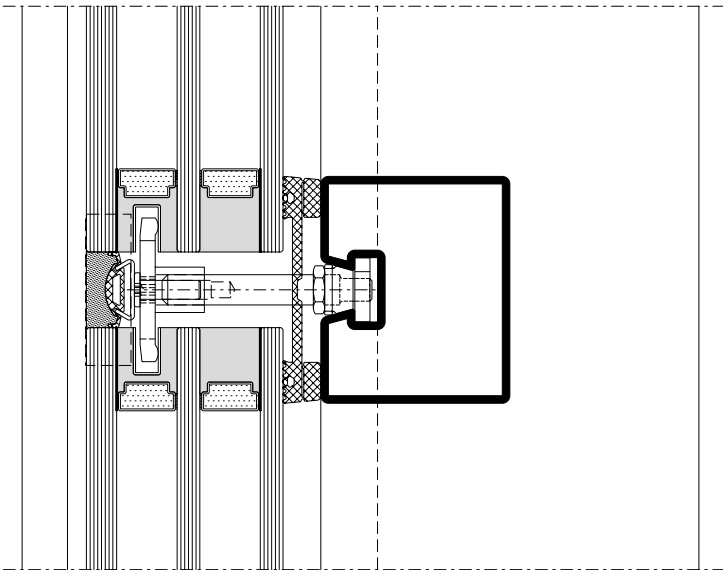
DXF DWG *D-633-C-012*

VISS Semi SG
Ansichtsbreite 60 mm



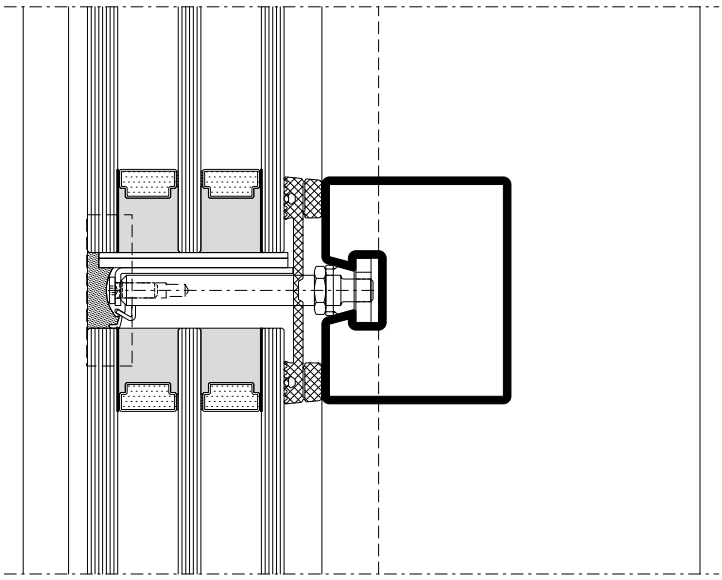
DXF DWG *D-633-C-004*

VISS Semi SG
Largeur de face 60 mm



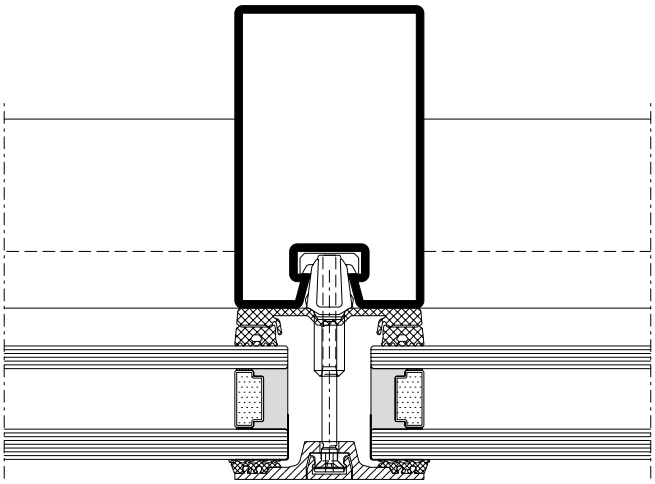
DXF DWG *D-633-C-005*

VISS Semi SG
Width 60 mm



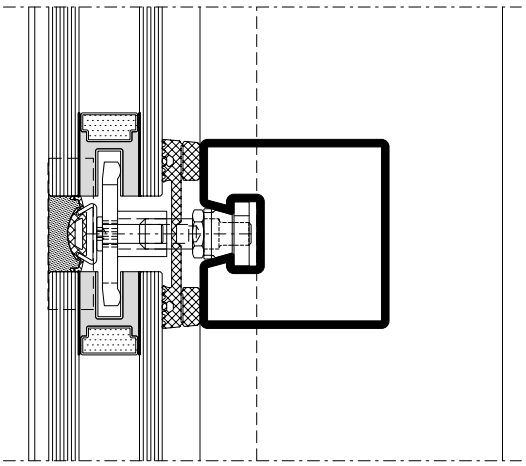
DXF DWG *D-633-C-006*

VISS Semi SG
Ansichtsbreite 50 mm
Flaches Deckprofil



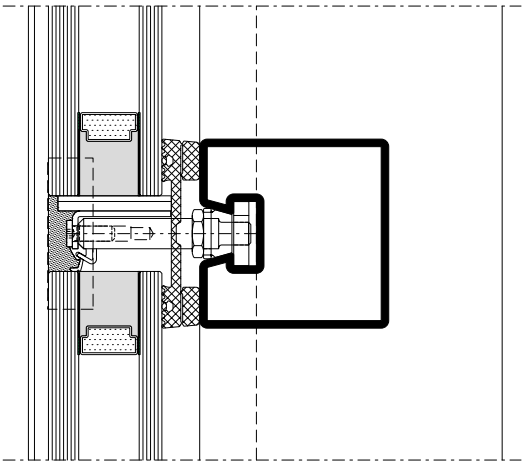
DXF DWG *D-533-C-017*

VISS Semi SG
Largeur de face 50 mm
Profilé de recouvrement plat



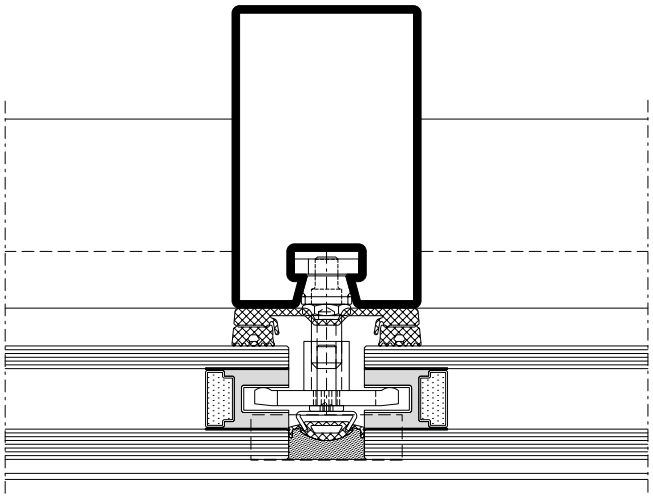
DXF DWG *D-533-C-018*

VISS Semi SG
Width 50 mm
Flat cover cap



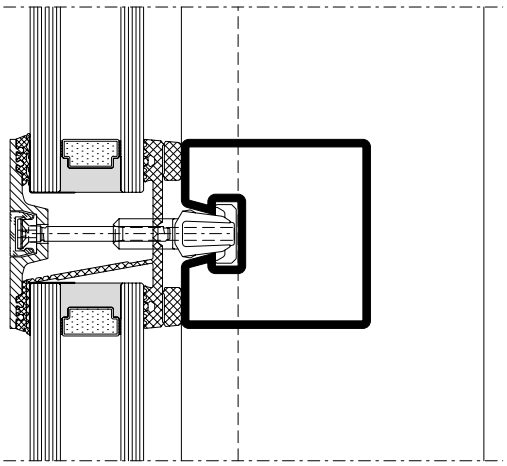
DXF DWG *D-533-C-019*

VISS Semi SG
Ansichtsbreite 50 mm
Flaches Deckprofil



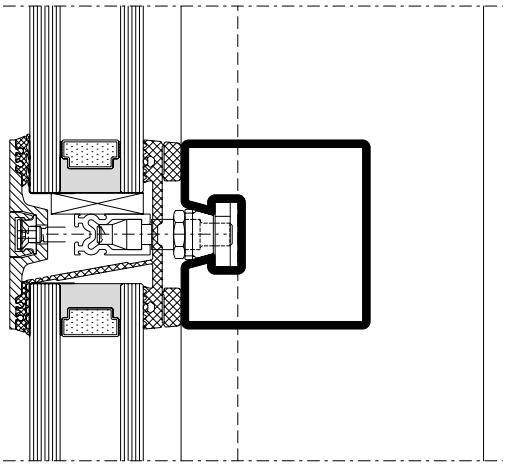
DXF DWG *D-533-C-020*

VISS Semi SG
Largeur de face 50 mm
Profilé de recouvrement plat



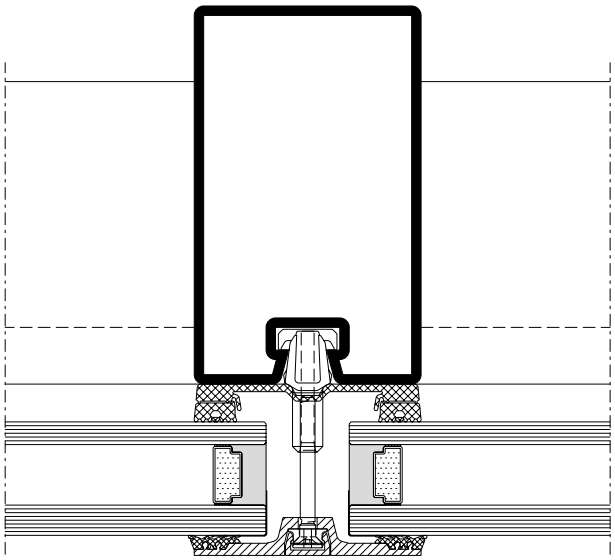
DXF DWG *D-533-C-021*

VISS Semi SG
Width 50 mm
Flat cover cap



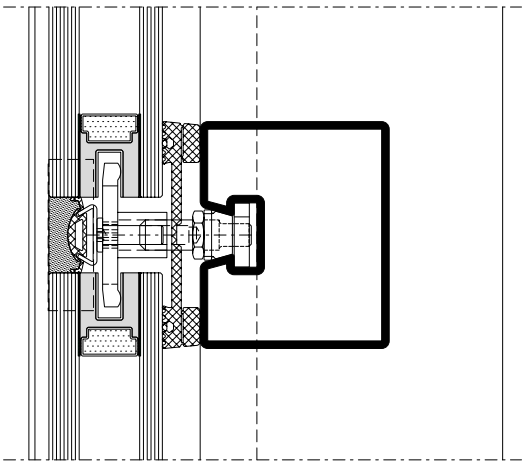
DXF DWG *D-533-C-022*

VISS Semi SG
Ansichtsbreite 60 mm
Flaches Deckprofil



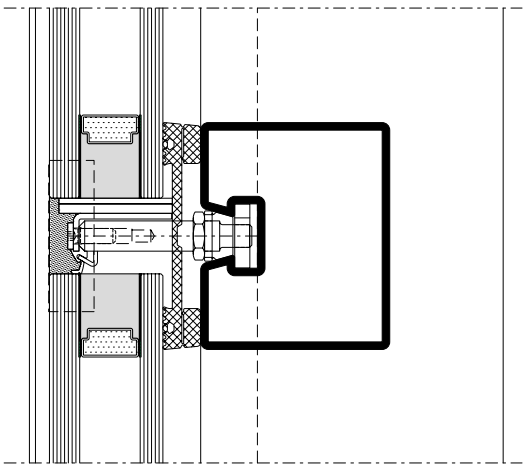
DXF DWG *D-633-C-016*

VISS Semi SG
Largeur de face 60 mm
Profilé de recouvrement plat



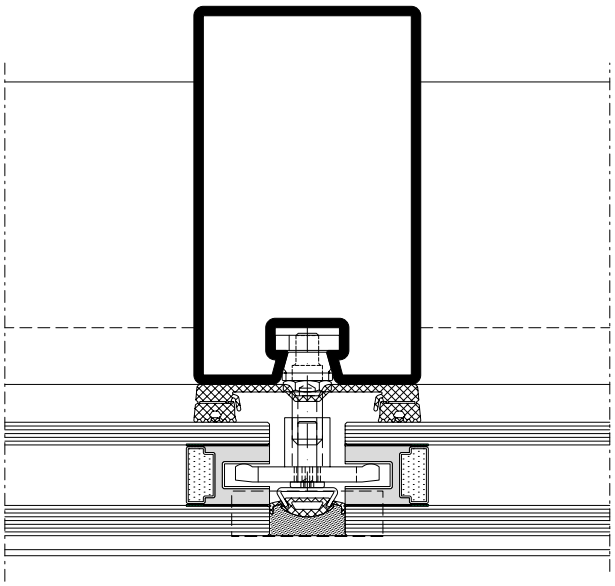
DXF DWG *D-633-C-017*

VISS Semi SG
Width 60 mm
Flat cover cap



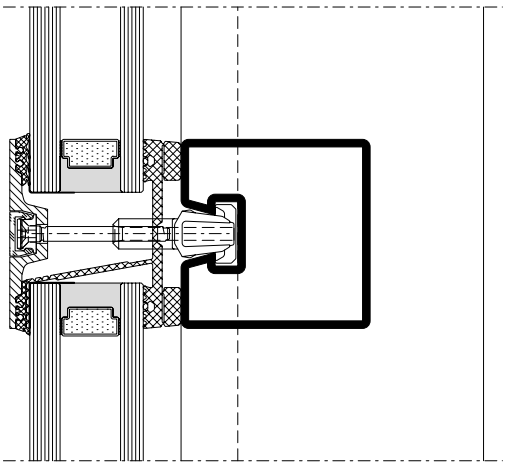
DXF DWG *D-633-C-018*

VISS Semi SG
Ansichtsbreite 60 mm
Flaches Deckprofil



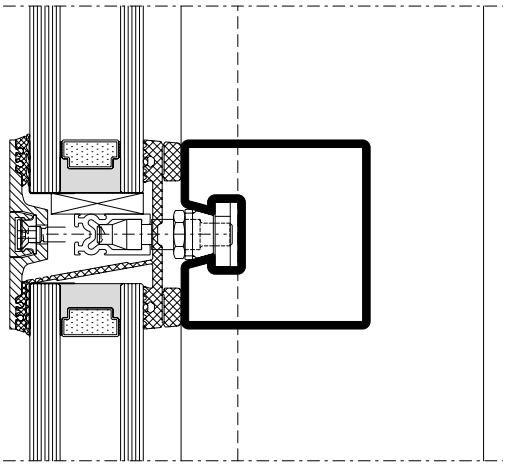
DXF **DWG** *D-633-C-019*

VISS Semi SG
Largeur de face 60 mm
Profilé de recouvrement plat



DXF **DWG** *D-633-C-020*

VISS Semi SG
Width 60 mm
Flat cover cap

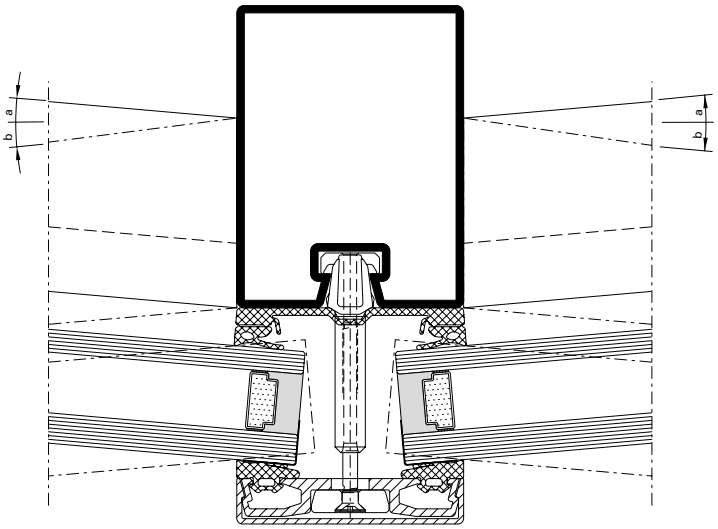


DXF **DWG** *D-633-C-021*

VISS Semi SG
Pfosten-Detail
Segmentverglasung 60 mm

VISS Semi SG
Détail de la montant
Vitrage segmenté 60 mm

VISS Semi SG
Detail of mullion
Segmental glazing 60 mm



DXF DWG *D-633-C-013*

α β	Füllelement-dicke	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

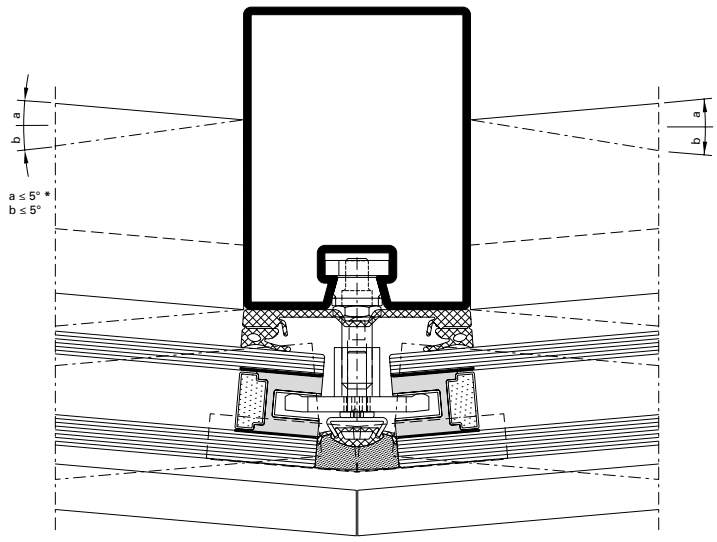
α β	Epaisseur du remplissage	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

α β	Thickness of glass/panel	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

VISS Semi SG
Pfosten-Detail
Segmentverglasung 60 mm

VISS Semi SG
Détail de la montant
Vitrage segmenté 60 mm

VISS Semi SG
Detail of mullion
Segmental glazing 60 mm



DXF DWG *D-633-C-014*

α β	Füllelement-dicke	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

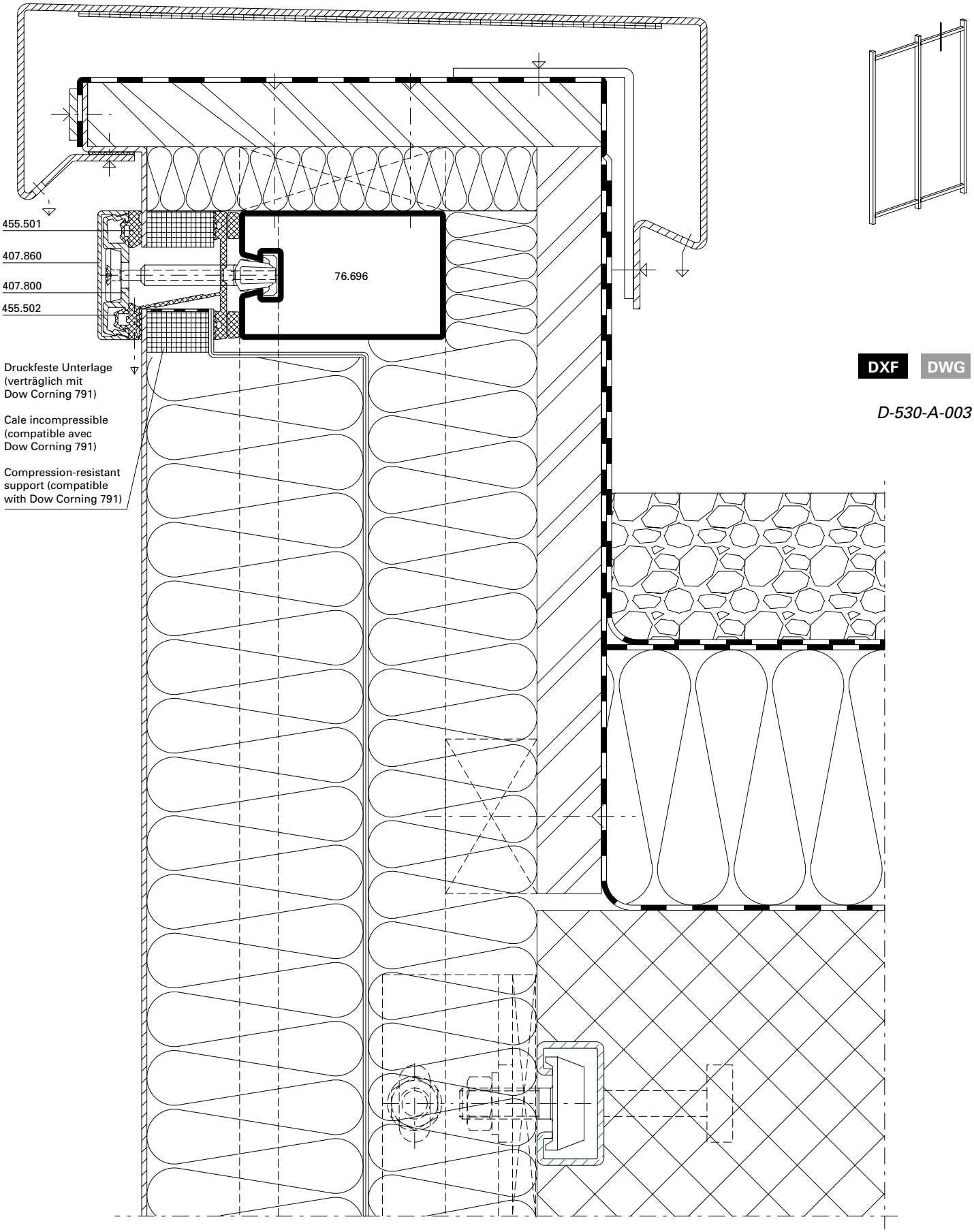
α β	Epaisseur du remplissage	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

α β	Thickness of glass/panel	x (max) mm	y (min) mm
0 – 5°	20 – 45 mm	16	5
5 – 10°	20 – 35 mm	18	3
10 – 15°	20 – 24 mm	18	3

*** Hinweis**
Dies gilt für Füllelementstärken von 30 - 70 mm bzw. für 2- und 3-fach Verglasungen.

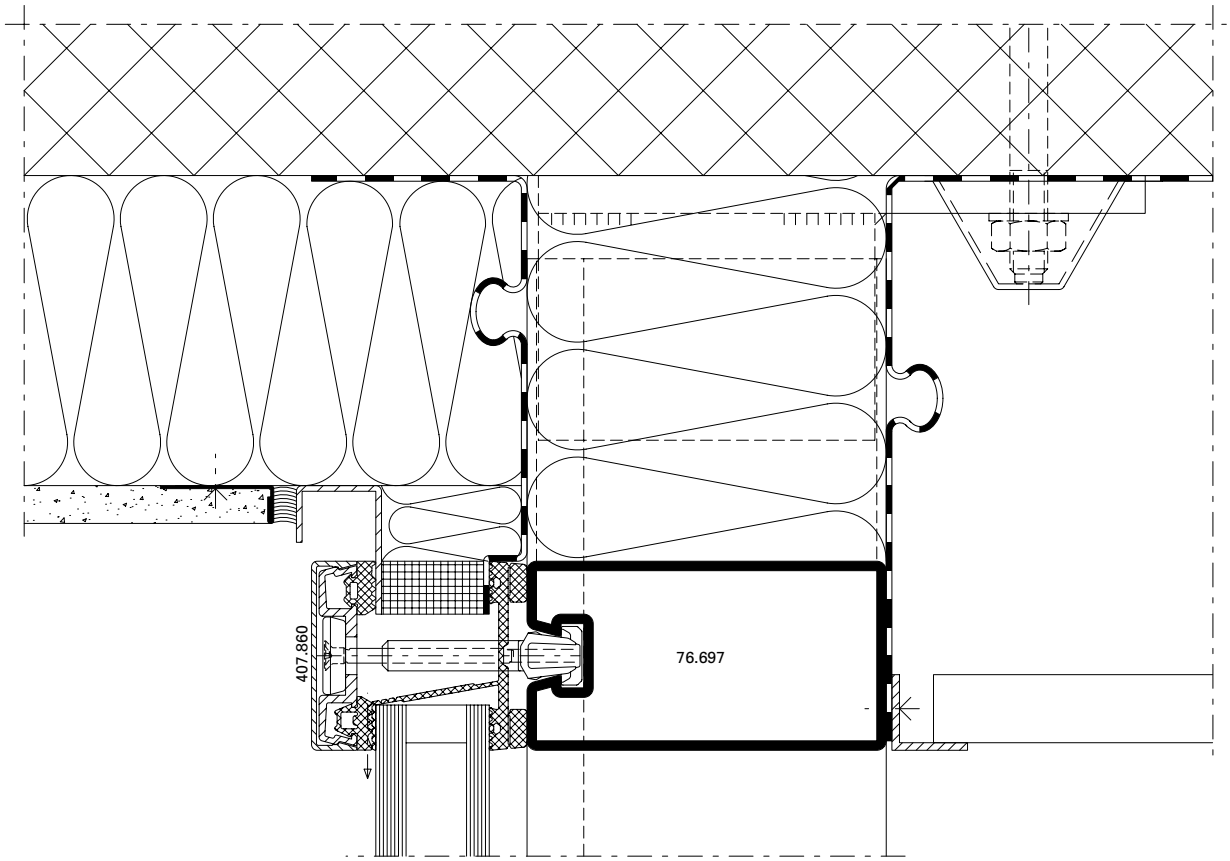
*** Remarque**
Cela est applicable pour les épaisseurs d'élément de remplissage de 30 à 70 mm et pour les vitrages doubles et triples.

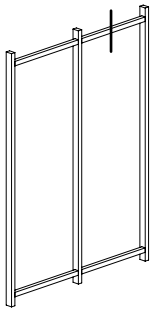
*** Note**
This applies to infill unit thicknesses of 30-70 mm and to double and triple glazing.



DXF DWG

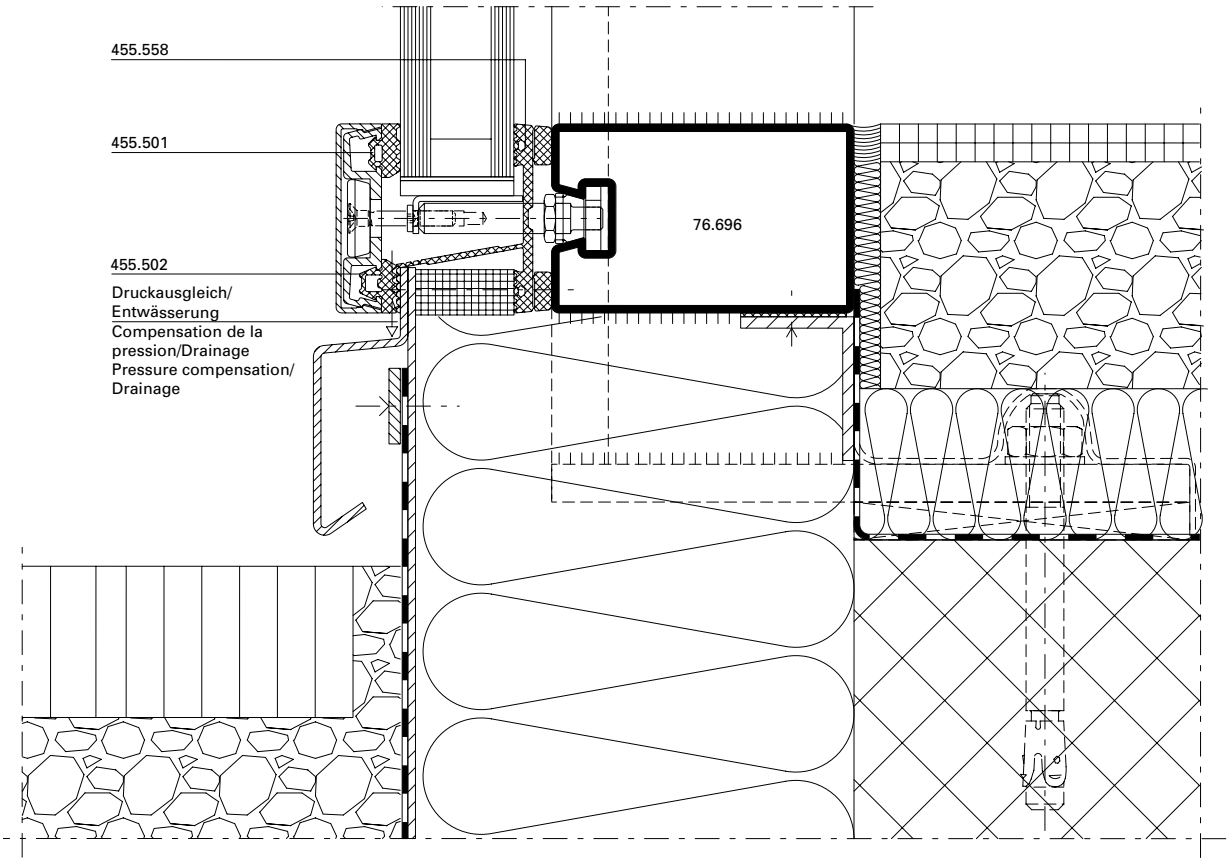
D-530-A-003

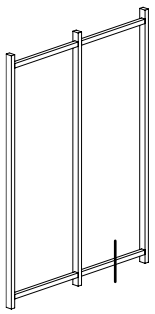




DXF DWG

D-530-A-001





DXF DWG

D-530-A-002

Die U_f-Werte der VISS Semi SG Fassaden sind den Kapiteln VISS SG und VISS Fassade zu entnehmen.

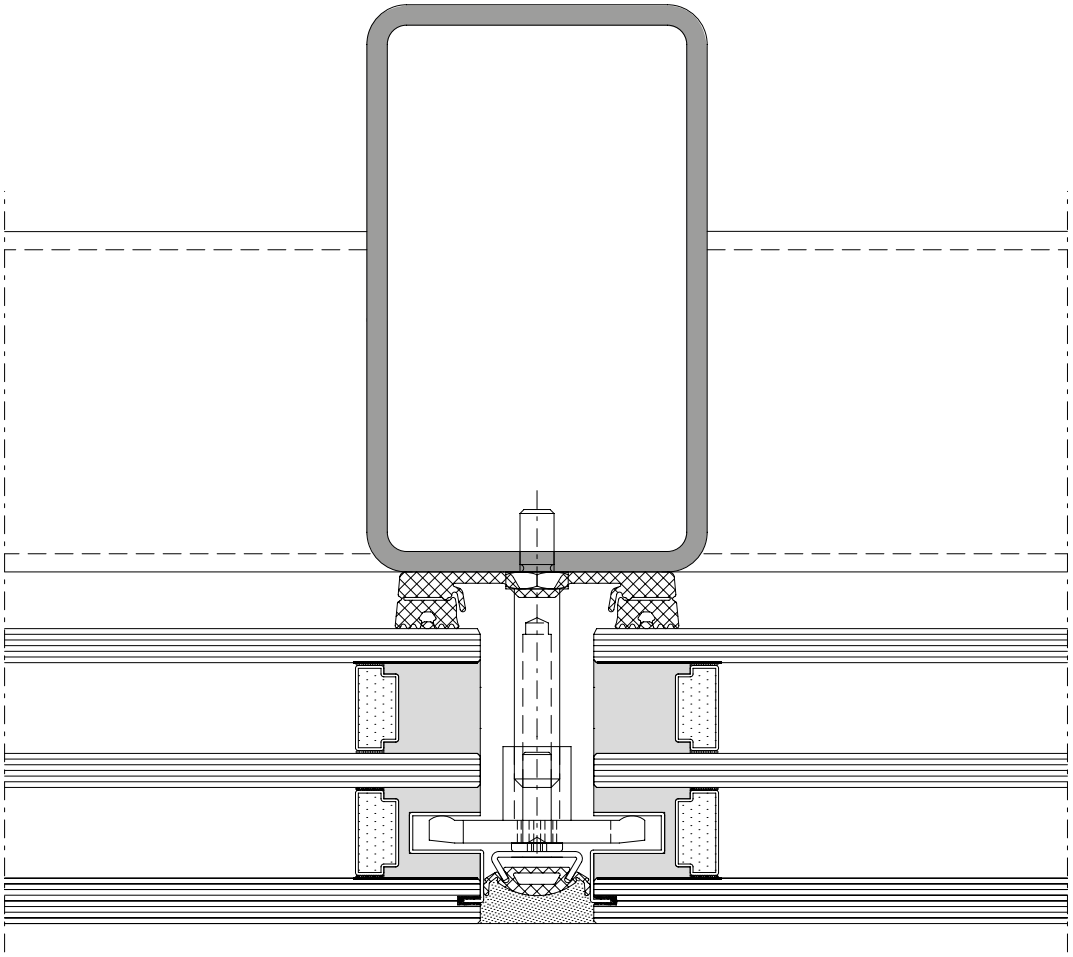
Les valeurs Uf des façades VISS Semi SG figurent dans les chapitres VISS SG et VISS Façade.

The U_f values for the VISS Semi SG façades can be found in the VISS SG and VISS Façade sections.

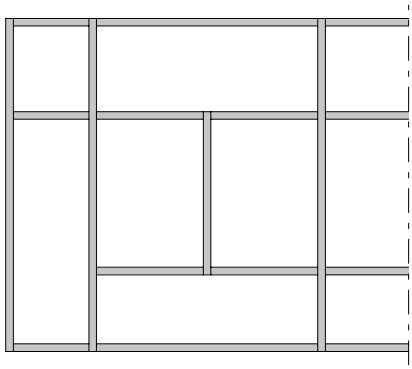
- CE-Kennzeichnung nach ETAG 002
- ETA Zulassung für Vorhangfassade und Dachverglasung
- Glasflächen bis 2.5 x 5 m (b x h) bzw. 5 x 2.5 m (b x h)
- Mechanische Sicherung der Gläser - kein Verkleben notwendig
- Zweifach- und Dreifach-Isolierglas Glasstärken bis 30 - 70 mm
- Realisierung von VISS SG und VISS Semi-SG Lösungen
- Einfache Realisierung von Ganzglas-Ecklösungen
- Kombinierbar mit der VISS Standard Fassade
- Absturzsichernde Verglasung nach DIN 18008

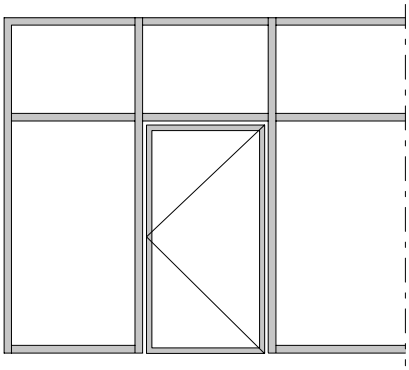
- Marquage CE selon ETAG 002
- Homologation ETA pour façade-rideau et verrière
- Surfaces vitrées jusqu'à 2.5 x 5 m (la x h) et 5 x 2.5 m (la x h)
- Sécurité mécanique des vitres - inutile de coller
- Verre isolant double ou triple, épaisseurs de verre jusqu'à 30 à 70 mm
- Réalisation de solutions VISS SG et VISS Semi SG
- Réalisation simple d'angles tout verre
- Combinable avec la façade VISS standard
- Sécurité anti-chute des vitrages selon DIN 18008

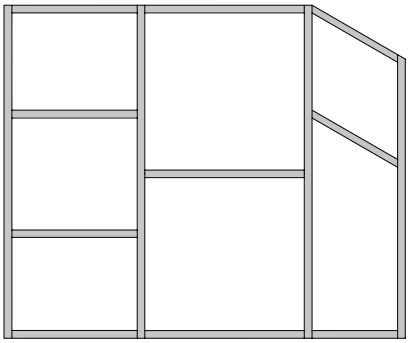
- CE marking in accordance with ETAG 002
- ETA approval for curtain walling and roof glazing
- Glass surfaces of up to 2.5 x 5 m (w x h) or 5 x 2.5 m (w x h)
- Mechanical fixing of the glass - no bonding required
- Double and triple insulating glass thicknesses of up to 30 - 70 mm
- Implementation of VISS SG and VISS Semi SG solutions
- Easy implementation of all-glass corner solutions
- Can be combined with the VISS Standard façade
- protecting glazing against falling out in accordance with DIN 18008

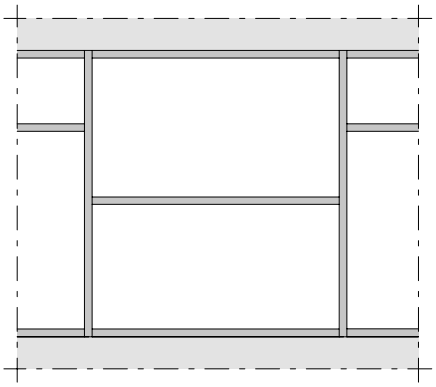


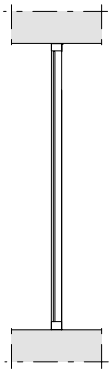
	Prüfungen (Prüfnorm) **Essais (Norme d'essai)** **Tests (Test standard)**	**Klassifizierungs-Norm** **Norme de classification** **Classification standard**	**Werte** **Valeurs** **Values**
	Schlagregendichtheit (EN 12155) Etanchéité à la pluie battante (EN 12155) Watertightness (EN 12155)	**EN 12154**	RE 1200
	Widerstand bei Windlast (EN 12179) Résistance à la pression du vent (EN 12179) Resistance to wind load (EN 12179)	**EN 13116**	Bemessungslast 2 kN/m² Charge de calcul 2 kN/m² Designed load 2 kN/m²
	Luftdurchlässigkeit (EN 12153) Perméabilité à l'air (EN 12153) Air permeability (EN 12153)	**EN 12152**	Klasse AE Classe AE Class AE
	Wärmedurchgangskoeffizient (EN 13947) Transmission thermique (EN 13947) Thermal production (EN 13947)	**EN ISO 10077-2**	ab $U_f > 0.54$ W/m²K dès $U_f > 0.54$ W/m²K from $U_f > 0.54$ W/m²K
	Stossfestigkeit Résistance au chocs Impact strength	**EN 14019**	Klasse E5 / I5 Classe E5 / I5 Class E5 / I5
	Technische Regeln für die Verwendung von absturzsichernden Verglasungen Règlement technique pour la sécurité anti-chute des vitrages The technical regulations for protecting glazing against falling out	**DIN 18008-4**	Kategorie A, C2, C3 Catégorie A, C2, C3 Category A, C2, C3
	Europäische technische Zulassung (ETA) Homologation technique européenne (ETA) European Technical Approval (ETA)	**ETAG 002**	ETA 13/0015

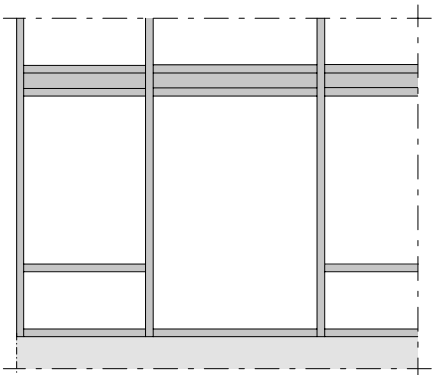


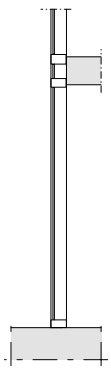








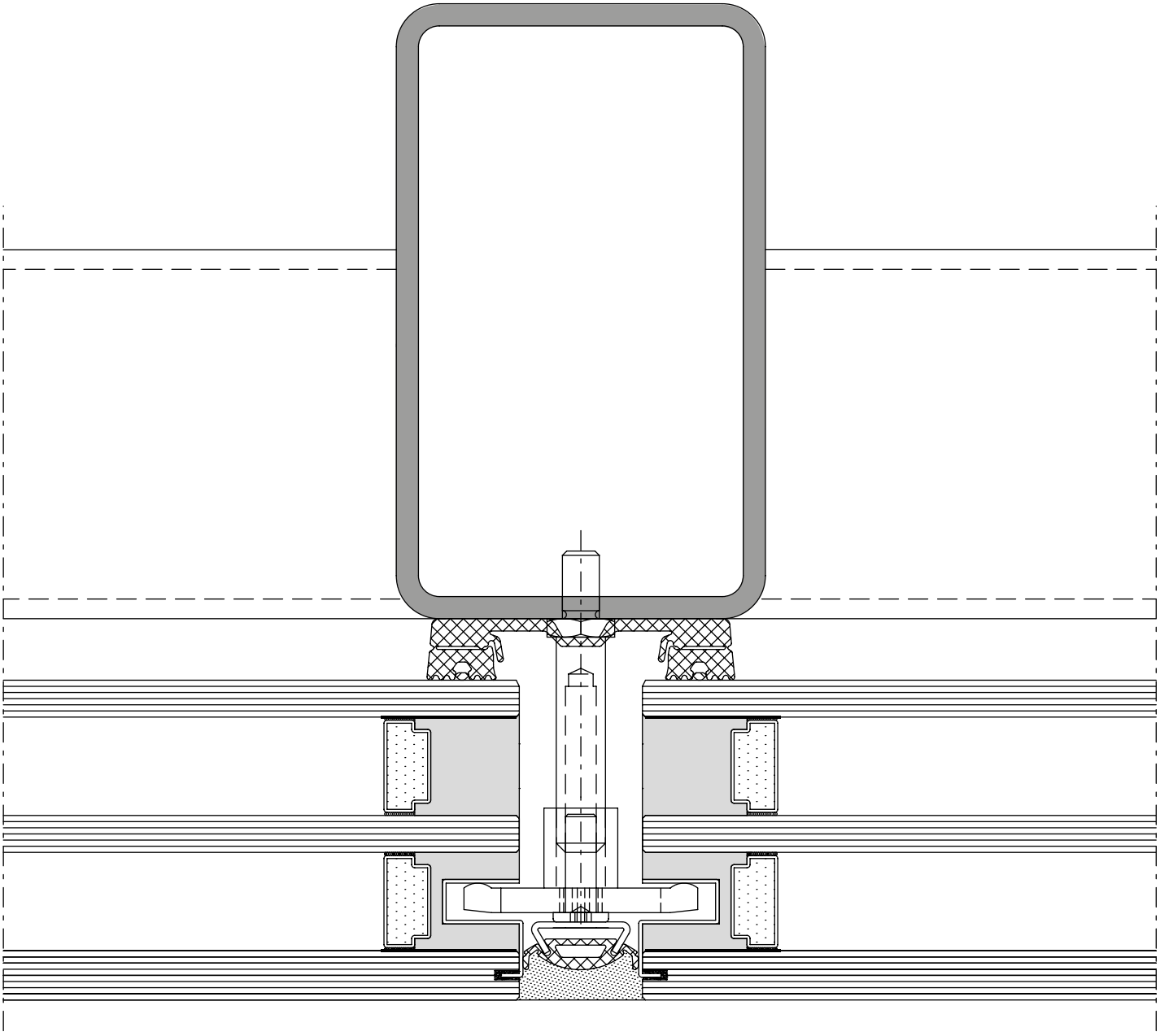




VISS Basic SG
Pfosten-Detail
Ansichtsbreite 50 mm
Schraubbolzen

VISS Basic SG
Détail du montant
Largeur de face 50 mm
Goujon à visser

VISS Basic SG
Detail of mullion
Width 50 mm
Screw bolt

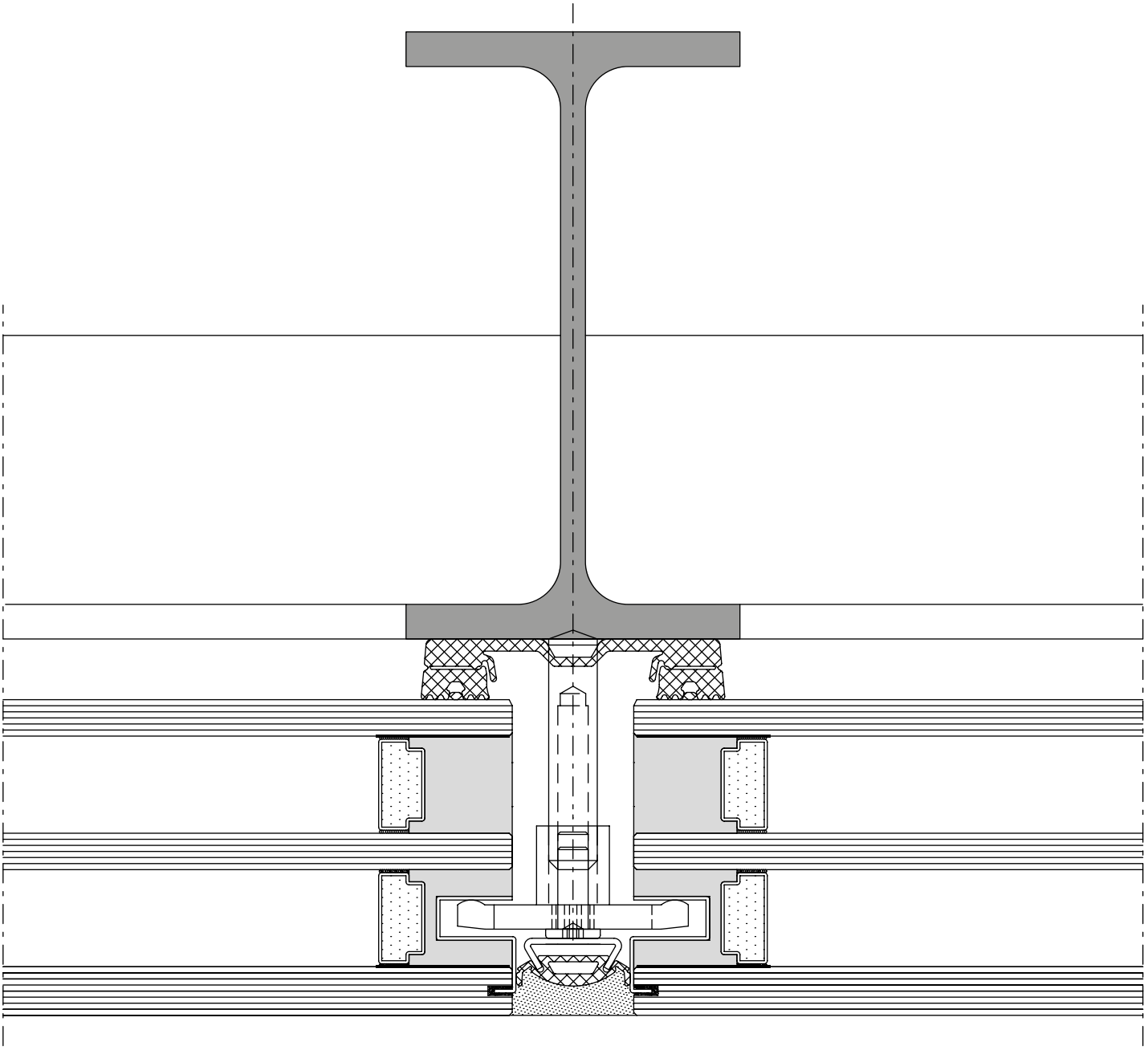


DXF **DWG** *D-531-C-002*

VISS Basic SG
Pfosten-Detail
Ansichtsbreite 50 mm
Schweissbolzen

VISS Basic SG
Détail du montant
Largeur de face 50 mm
Goujon à souder

VISS Basic SG
Detail of mullion
Width 50 mm
Welding stud



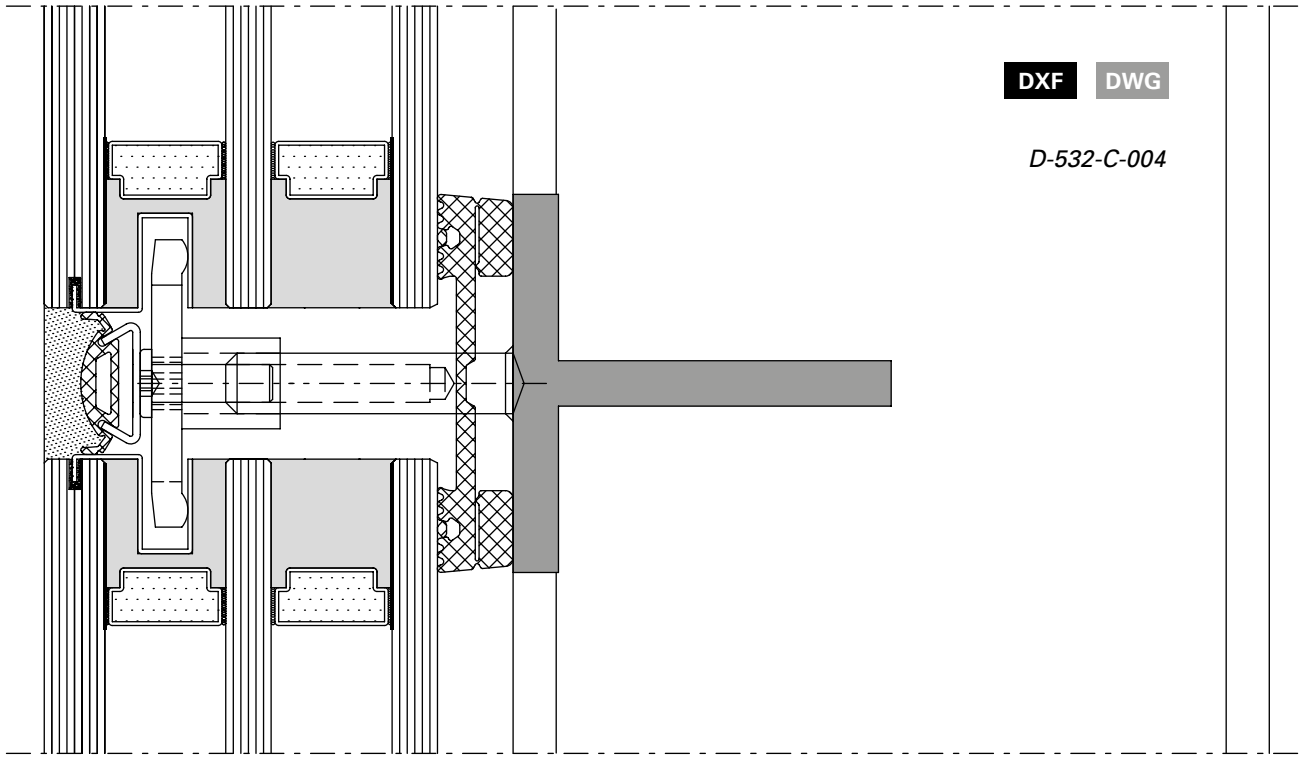
DXF DWG *D-532-C-002*

U_f-Werte siehe Seite 26-60 **Valeurs U_f voir page 26-60** **U_f values see page 26-60**

VISS Basic SG
Riegel-Detail
Ansichtsbreite 50 mm

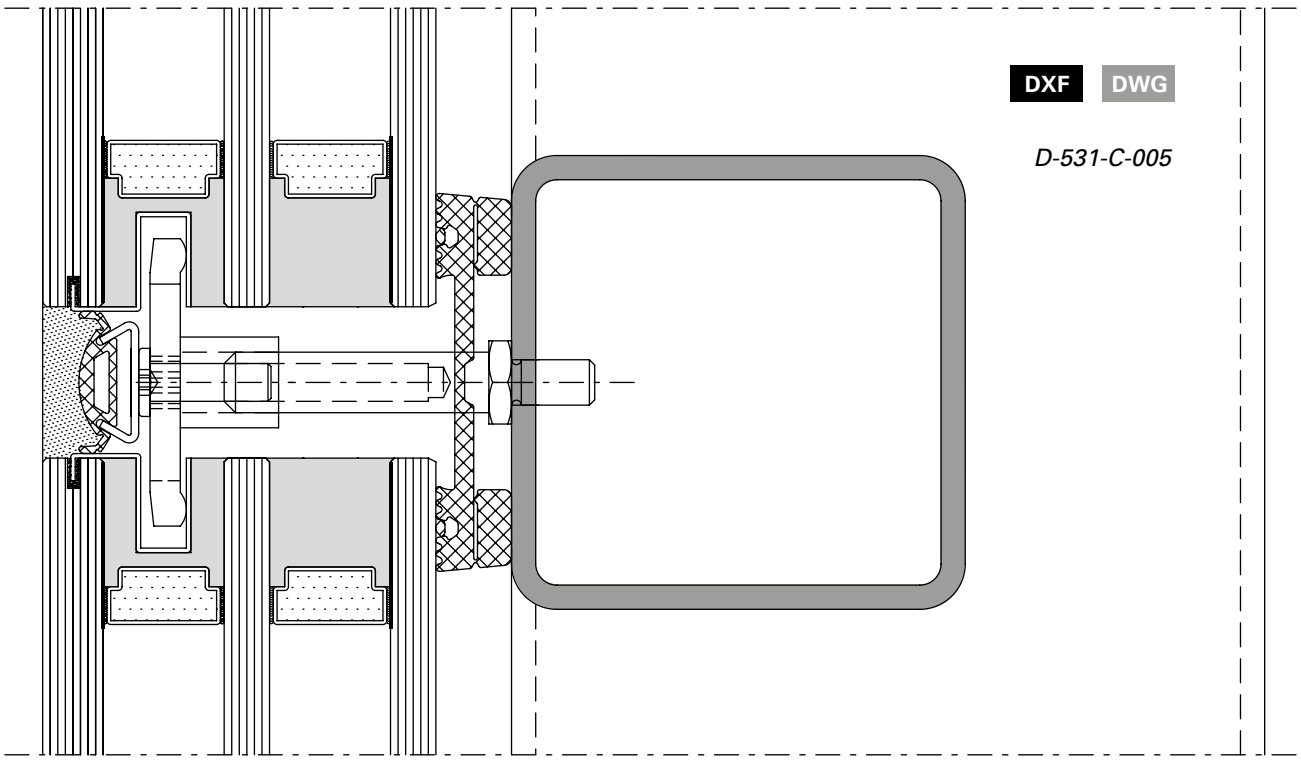
VISS Basic SG
Détail de la traverse
Largeur de face 50 mm

VISS Basic SG
Detail of transom
Width 50 mm



DXF DWG

D-532-C-004



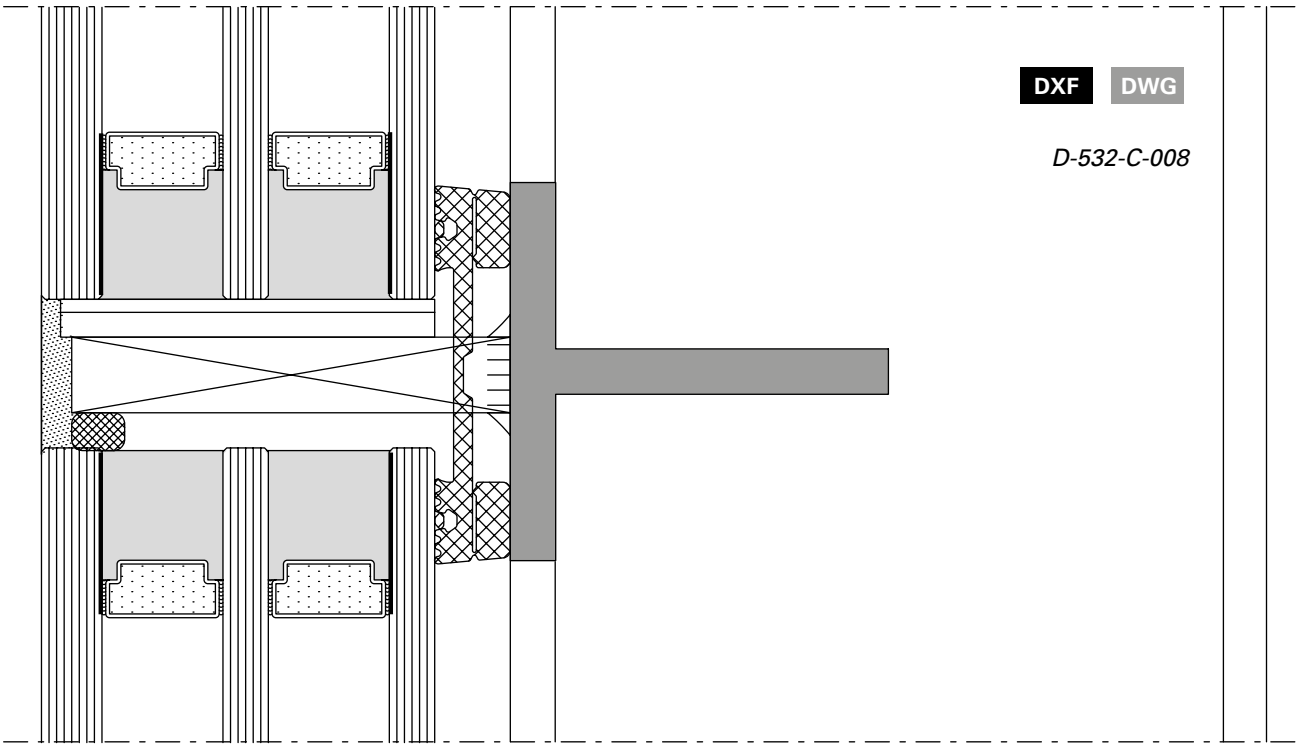
DXF DWG

D-531-C-005

VISS Basic SG
Riegel-Detail
Ansichtsbreite 50 mm
Schweissbolzen

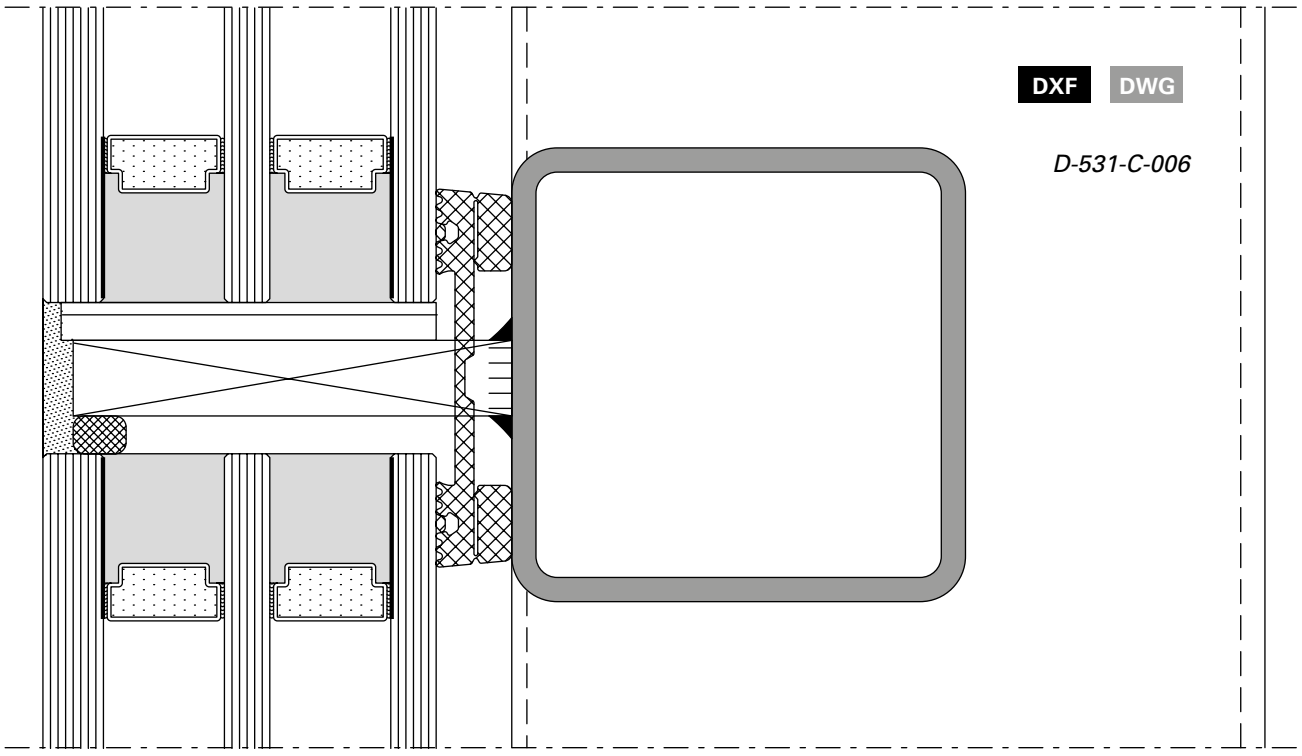
VISS Basic SG
Détail de la traverse
Largeur de face 50 mm
Goujon à souder

VISS Basic SG
Detail of transom
Width 50 mm
Welding stud



DXF DWG

D-532-C-008



DXF DWG

D-531-C-006

VISS Basic SG
Ansichtsbreiten 50/60 mm

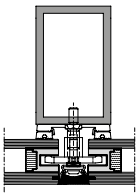
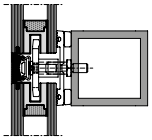
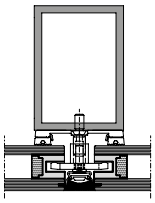
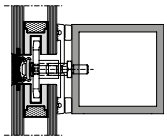
U_f-Werte nach EN 10077-2

VISS Basic SG
Largeurs de face 50/60 mm

Valeurs U_f selon EN 10077-2

VISS Basic SG
Widths 50/60 mm

U_f values according to 10077-2

				
Glas **Verre** **Glass**	Pfosten 50/80/4 Montant 50/80/4 Mullion 50/80/4	Riegel 50/50/4 Traverse 50/50/4 Transom 50/50/4	Pfosten 60/80/4 Montant 60/80/4 Mullion 60/80/4	Riegel 60/60/4 Traverse 60/60/4 Transom 60/60/4
50 mm	**1,1 W/m²K**	**1,3 W/m²K**	**1,2 W/m²K**	**0,71 W/m²K**
60 mm	**1,1 W/m²K**	**1,3 W/m²K**	**1,1 W/m²K**	**0,61 W/m²K**
70 mm	**1,0 W/m²K**	**1,2 W/m²K**	**1,1 W/m²K**	**0,54 W/m²K**

Der Einfluss der Schraubenbefestigung in Höhe von 0.30 W/m²K ist berücksichtigt.

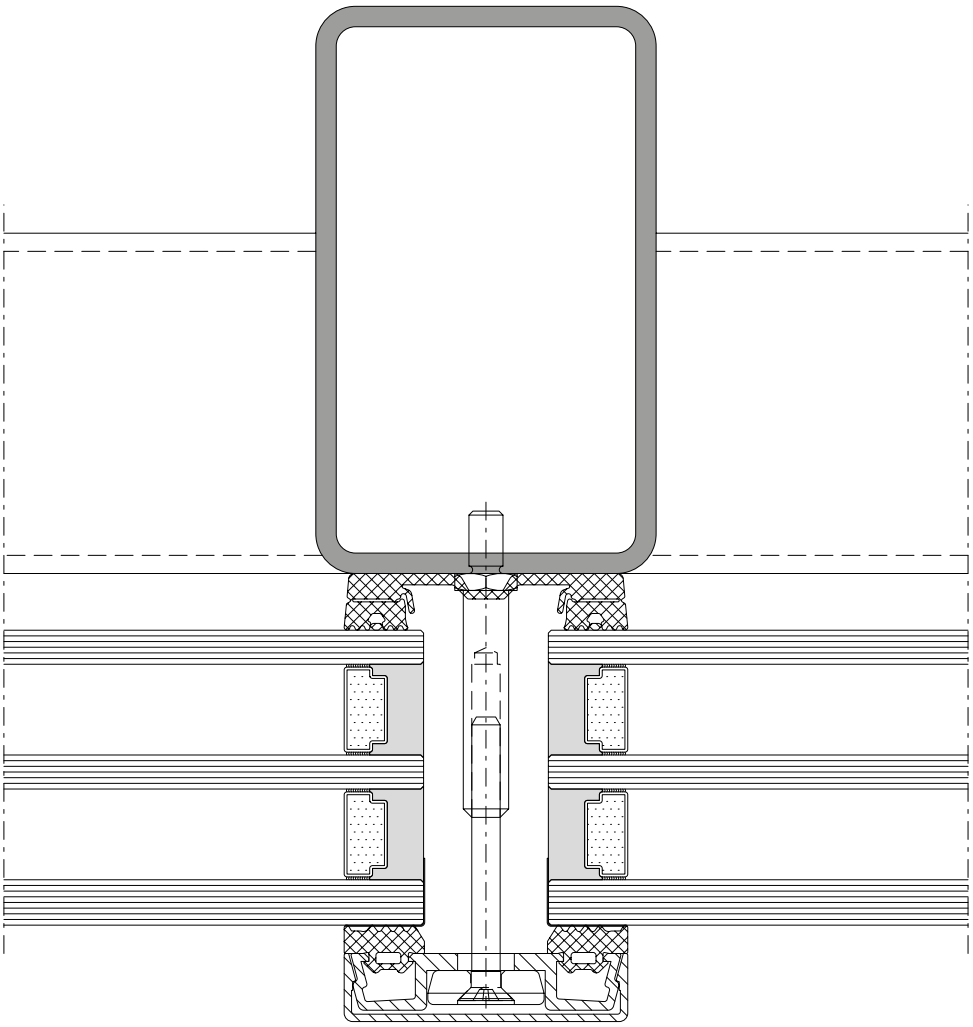
L'influence de la fixation à vis de 0.30 W/m²K est prise en compte.

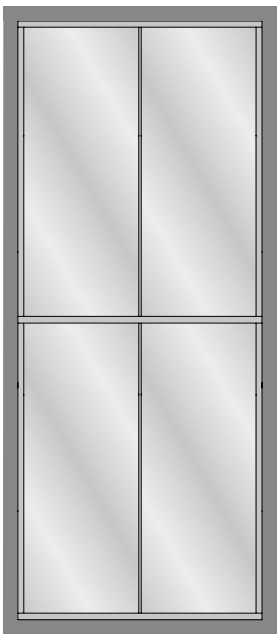
The 0.30 W/m²K influence of the screw fixing is taken into account.

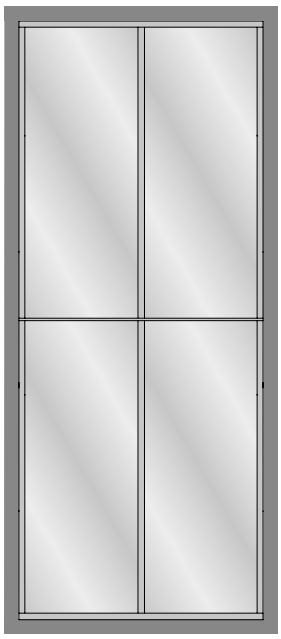
- CE-Kennzeichnung nach EN 13830
- Betonung der horizontalen oder vertikalen Linien
- Erhöht die Transparenz der Fassade
- Glasstösse mit einer Silikonfuge von nur 20 mm
- Ansichtsbreiten 50 und 60 mm
- Zweifach- und Dreifach-Isolierglas Glasstärken bis 30 - 70 mm
- Kombinierbar mit der VISS Fassade sowie VISS Basic
- Einfache Realisierung von Ganzglas-Ecklösungen
- Mechanische Fixierung der Gläser - kein Verkleben notwendig

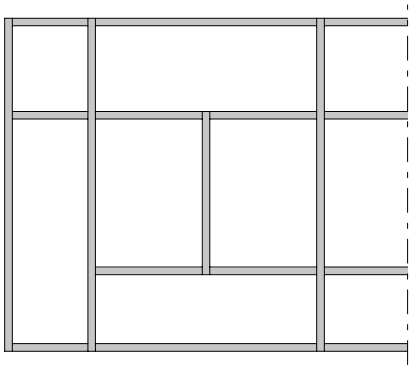
- Marquage CE selon EN 13830
- Accentuation des lignes horizontales ou verticales
- Accroît la transparence de la façade
- Étanchéité grâce à un joint silicone de seulement 20 mm
- Largeurs de face 50 et 60 mm
- Verre isolant double ou triple, épaisseurs de verre jusqu'à 30 à 70 mm
- Combinable avec les façades VISS et VISS Basic
- Réalisation simple d'angles tout verre
- Fixation mécanique des vitres - inutile de coller

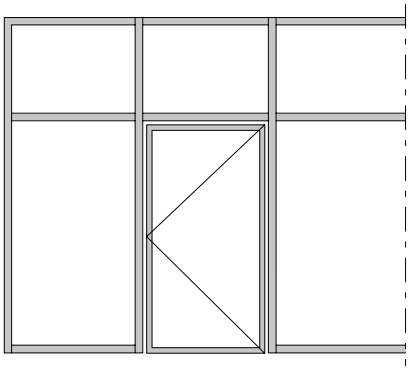
- CE marking in accordance with EN 13830
- Emphasis of horizontal or vertical lines
- Increases the degree of transparency of the façade
- Glass joints with a silicone joint of just 20 mm
- Face widths of 50 and 60 mm
- Double and triple insulating glass thicknesses of up to 30 - 70 mm
- Can be combined with the VISS façade as well as VISS Basic
- Easy implementation of all-glass corner solutions
- Mechanical fixing of the glass - no bonding required

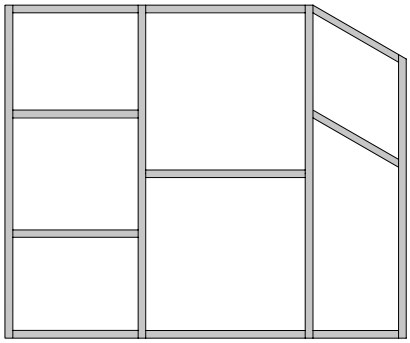


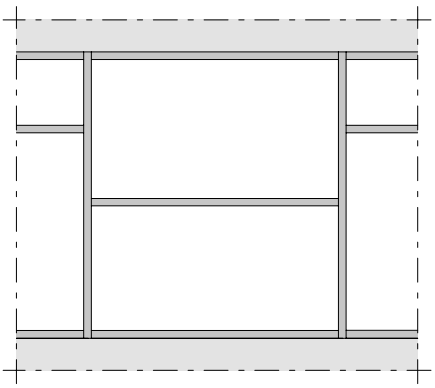


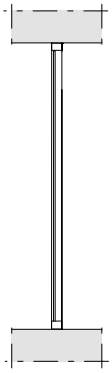


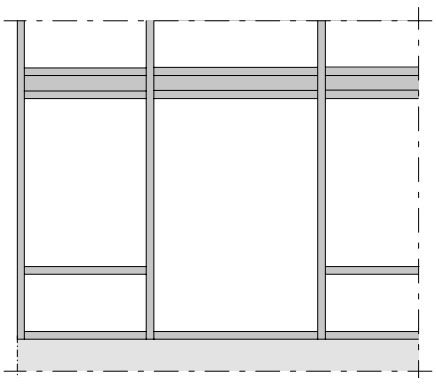


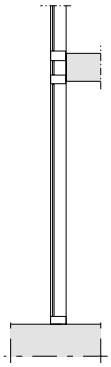




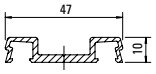




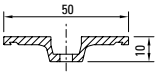




	Prüfungen (Prüfnorm) **Essais (Norme d'essai)** **Tests (Test standard)**	**Klassifizierungs-Norm** **Norme de classification** **Classification standard**	**Werte** **Valeurs** **Values**
	Schlagregendichtheit (EN 12155) Etanchéité à la pluie battante (EN 12155) Watertightness (EN 12155)	**EN 12154**	RE 1200
	Widerstand bei Windlast (EN 12179) Résistance à la pression du vent (EN 12179) Resistance to wind load (EN 12179)	**EN 13116**	Bemessungslast 2 kN/m² Charge de calcul 2 kN/m² Designed load 2 kN/m²
	Luftdurchlässigkeit (EN 12153) Perméabilité à l'air (EN 12153) Air permeability (EN 12153)	**EN 12152**	Klasse AE Classe AE Class AE
	Wärmedurchgangskoeffizient (EN 13947) Transmission thermique (EN 13947) Thermal production (EN 13947)	**EN ISO 10077-2**	ab $U_f > 0.54$ W/m²K dès $U_f > 0.54$ W/m²K from $U_f > 0.54$ W/m²K
	Stossfestigkeit Résistance au chocs Impact strength	**EN 14019**	Klasse E5 / I5 Classe E5 / I5 Class E5 / I5
	Technische Regeln für die Verwendung von absturzsichernden Verglasungen Règlement technique pour la sécurité anti-chute des vitrages The technical regulations for protecting glazing against falling out	**DIN 18008-4**	Kategorie A, C2, C3 Catégorie A, C2, C3 Category A, C2, C3



407.800



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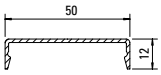
407.823



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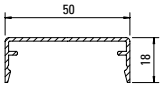

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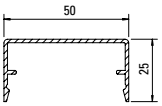

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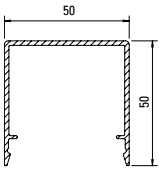

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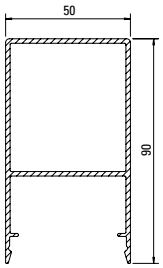

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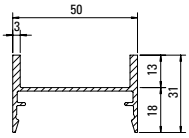

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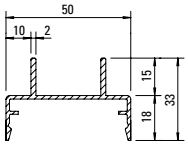


407.911

Werkstoff
Aluminium EN AW 6060 T66 roh, leicht eingeölt

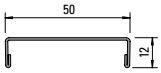
Matériau
Aluminium EN AW 6060 T66 brut, légèrement huilé

Material
Aluminium EN AW 6060 T66 mill finish, slightly oiled

Profil-Nr.	G kg/m	U m²/m	P m²/m	L mm
407.800	0,414	0,160		6000
407.821	0,440	0,143	0,067	6000
407.823	0,076	0,043	0,019	6000
407.860	0,266	0,147	0,072	6000

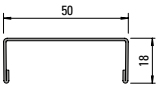
Profil-Nr.	G kg/m	U m²/m	P m²/m	L mm
407.861	0,341	0,185	0,084	6000
407.862	0,394	0,213	0,098	6000
407.863	0,660	0,313	0,148	6000
407.864	1,344	0,360	0,228	6000
407.900	0,556	0,240	0,138	6000
407.911	0,510	0,245	0,146	6000

Edelstahl-Abdeckprofile
Werkstoff 1.4301 (AISI 304)
geschliffen, Korn 220/240,
mit Schutzfolie



400.860

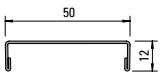
Profilé de recouvrement acier Inox
Qualité 1.4301 (AISI 304)
meulé, degré 220/240,
avec feuille de protection



400.861

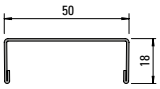
Stainless steel cover sections
Material 1.4301 (AISI 304)
polished, grain 220/240,
with protective film

Edelstahl-Abdeckprofile
Werkstoff 1.4401 (AISI 316)
geschliffen, Korn 220/240,
mit Schutzfolie



400.862

Profilé de recouvrement acier Inox
Qualité 1.4401 (AISI 316)
meulé, degré 220/240,
avec feuille de protection



400.863

Stainless steel cover sections
Material 1.4401 (AISI 316)
polished, grain 220/240,
with protective film

Profil-Nr.	G kg/m	L mm
400.860	0,644	6000
400.861	0,734	6000

Profil-Nr.	G kg/m	L mm
400.862	0,652	6000
400.863	0,744	6000

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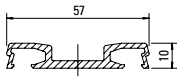

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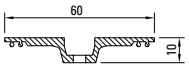
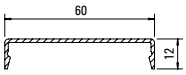


407.822

407.823



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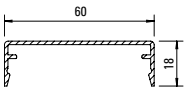

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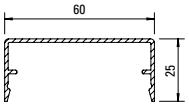

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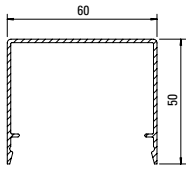
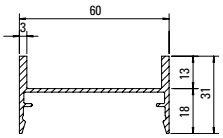


407.868



407.901

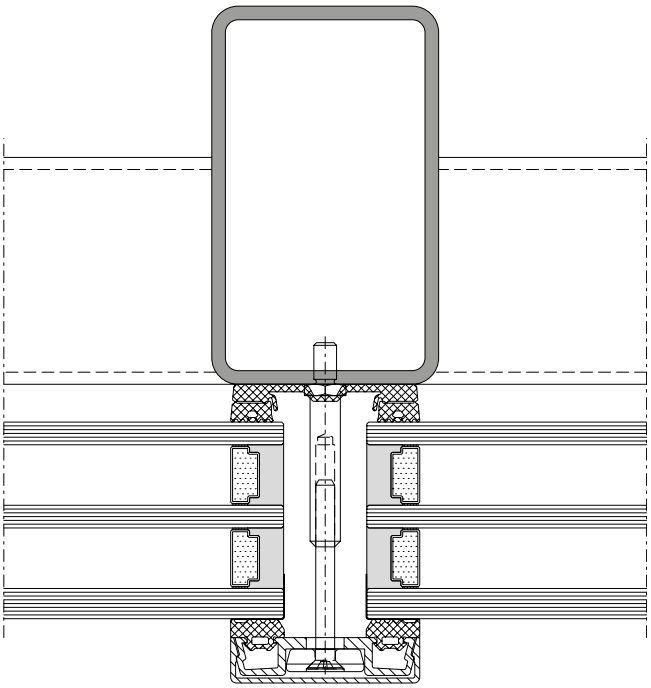
Werkstoff
Aluminium EN AW 6060 T66 roh, leicht eingeölt

Matériau
Aluminium EN AW 6060 T66 brut, légèrement huilé

Material
Aluminium EN AW 6060 T66 mill finish, slightly oiled

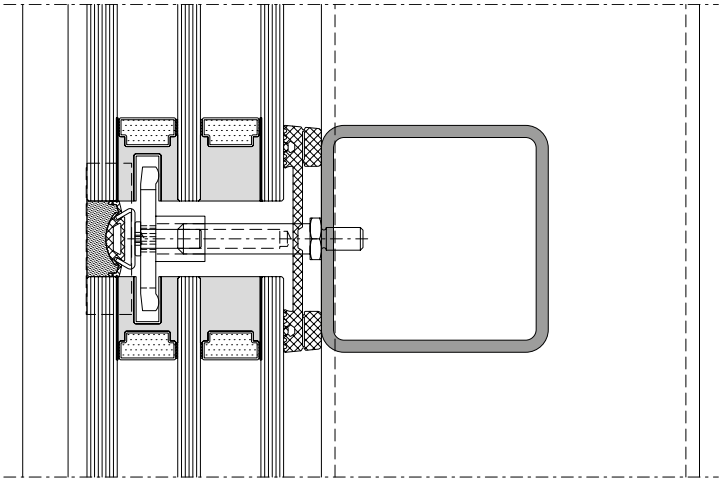
Profil-Nr.	G kg/m	U m²/m	P m²/m	L mm
407.802	0,558	0,190		6000
407.822	0,530	0,163	0,051	6000
407.823	0,076	0,043	0,019	6000
407.865	0,304	0,167	0,082	6000
407.866	0,379	0,205	0,094	6000
407.867	0,432	0,223	0,108	6000
407.868	0,750	0,330	0,160	6000
407.901	0,590	0,255	0,148	6000

VISS Basic Semi SG
Ansichtsbreite 50 mm
Schraubbolzen



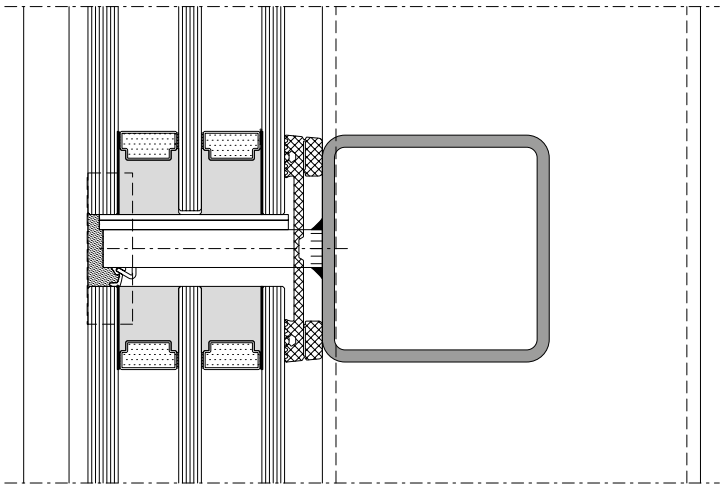
DXF DWG *D-534-C-004*

VISS Basic Semi SG
Largeur de face 50 mm
Goujon à visser



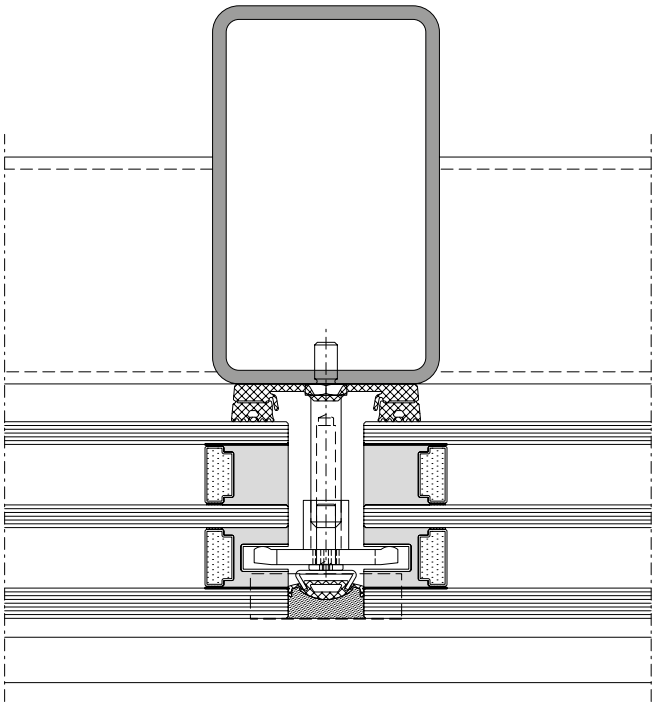
DXF DWG *D-534-C-005*

VISS Basic Semi SG
Width 50 mm
Screw bolt



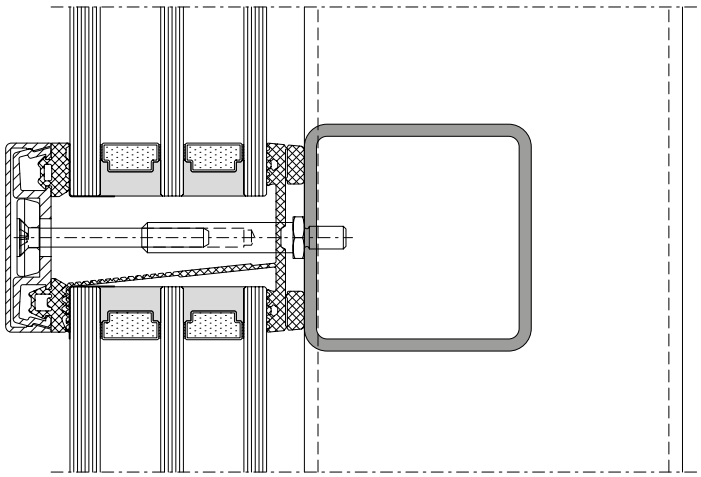
DXF DWG *D-534-C-006*

VISS Basic Semi SG
Ansichtsbreite 50 mm
Schraubbolzen



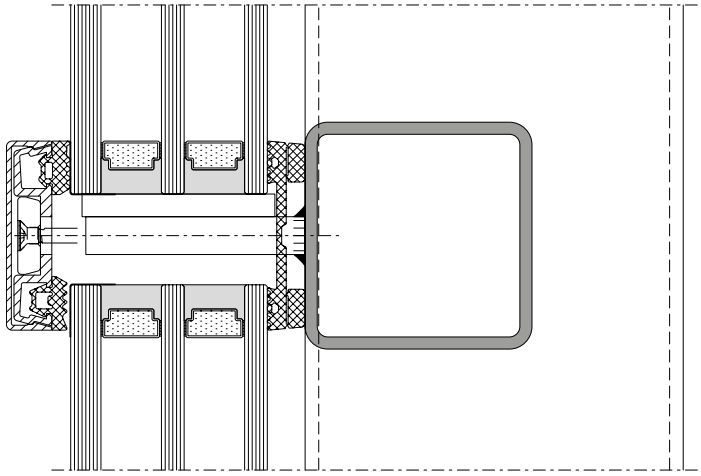
DXF DWG *D-534-C-010*

VISS Basic Semi SG
Largeur de face 50 mm
Goujon à visser



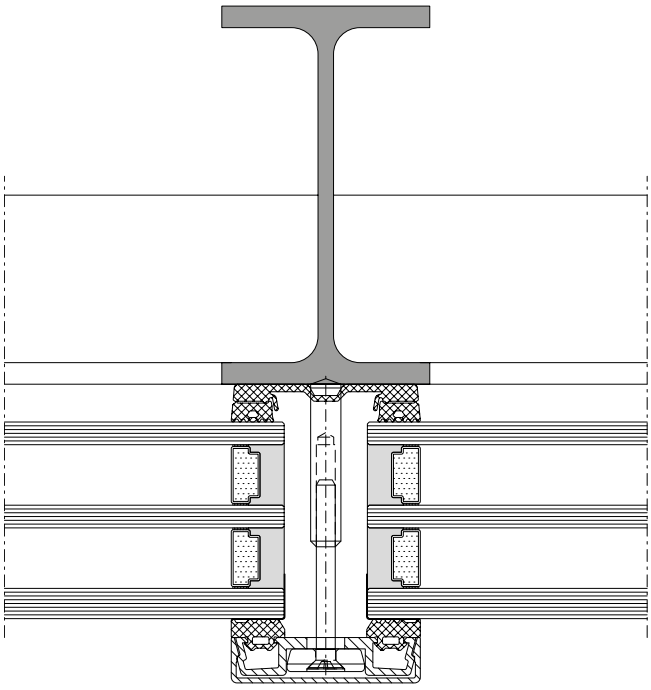
DXF DWG *D-534-C-011*

VISS Basic Semi SG
Width 50 mm
Screw bolt



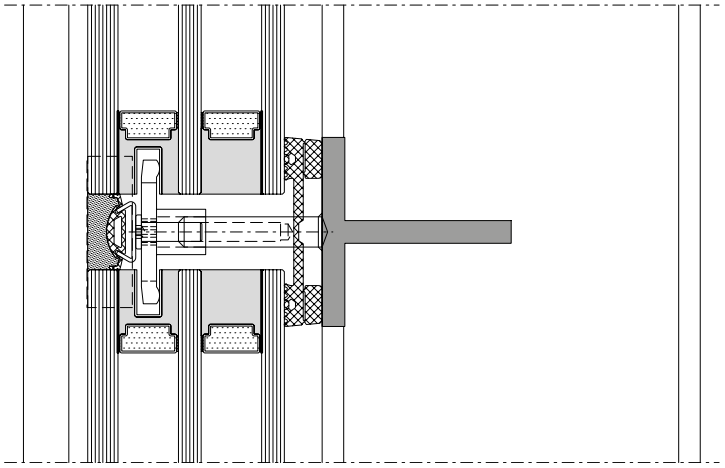
DXF DWG *D-534-C-012*

VISS Basic Semi SG
Ansichtsbreite 50 mm
Schweissbolzen

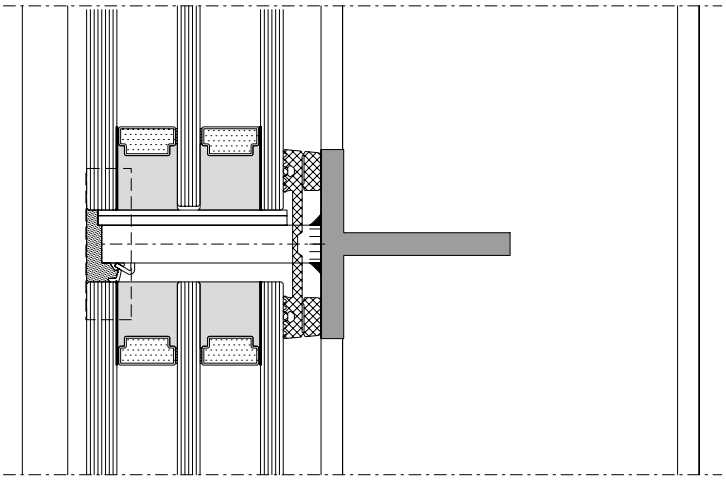


DXF **DWG** *D-535-C-004*

VISS Basic Semi SG
Largeur de face 50 mm
Goujon à souder



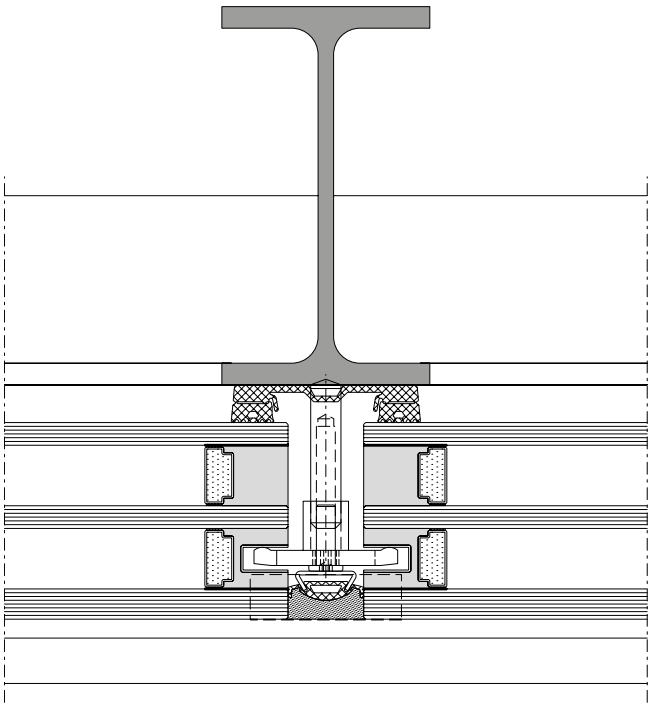
DXF **DWG** *D-535-C-005*



DXF **DWG** *D-535-C-006*

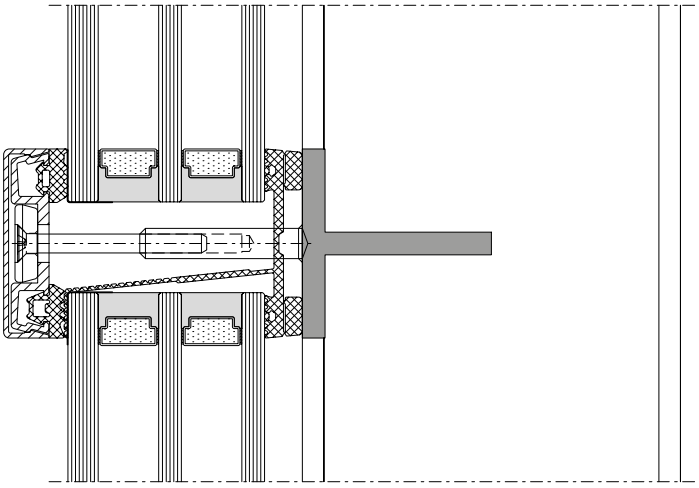
VISS Basic Semi SG
Width 50 mm
Welding stud

VISS Basic Semi SG
Ansichtsbreite 50 mm
Schweissbolzen

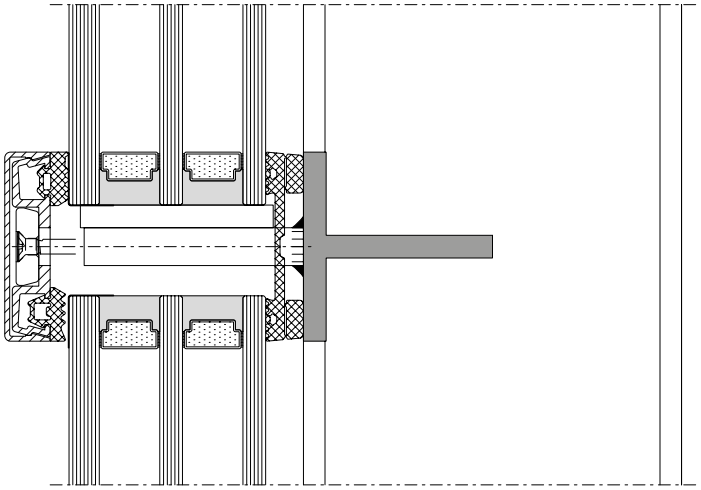


DXF DWG *D-535-C-010*

VISS Basic Semi SG
Largeur de face 50 mm
Goujon à souder



DXF DWG *D-535-C-011*



DXF DWG *D-535-C-012*

VISS Basic Semi SG
Width 50 mm
Welding stud