# VISS Fassaden

Hochwärmegedämmte Vertikalfassaden

# VISS façades

Façades verticales à haute rupture de pont thermique

# VISS façades

Highly thermally insulated vertical façades

JANSEN

**Inhaltsverzeichnis**
**Sommaire**
**Content**

VISS Fassade
VISS façade
VISS façade

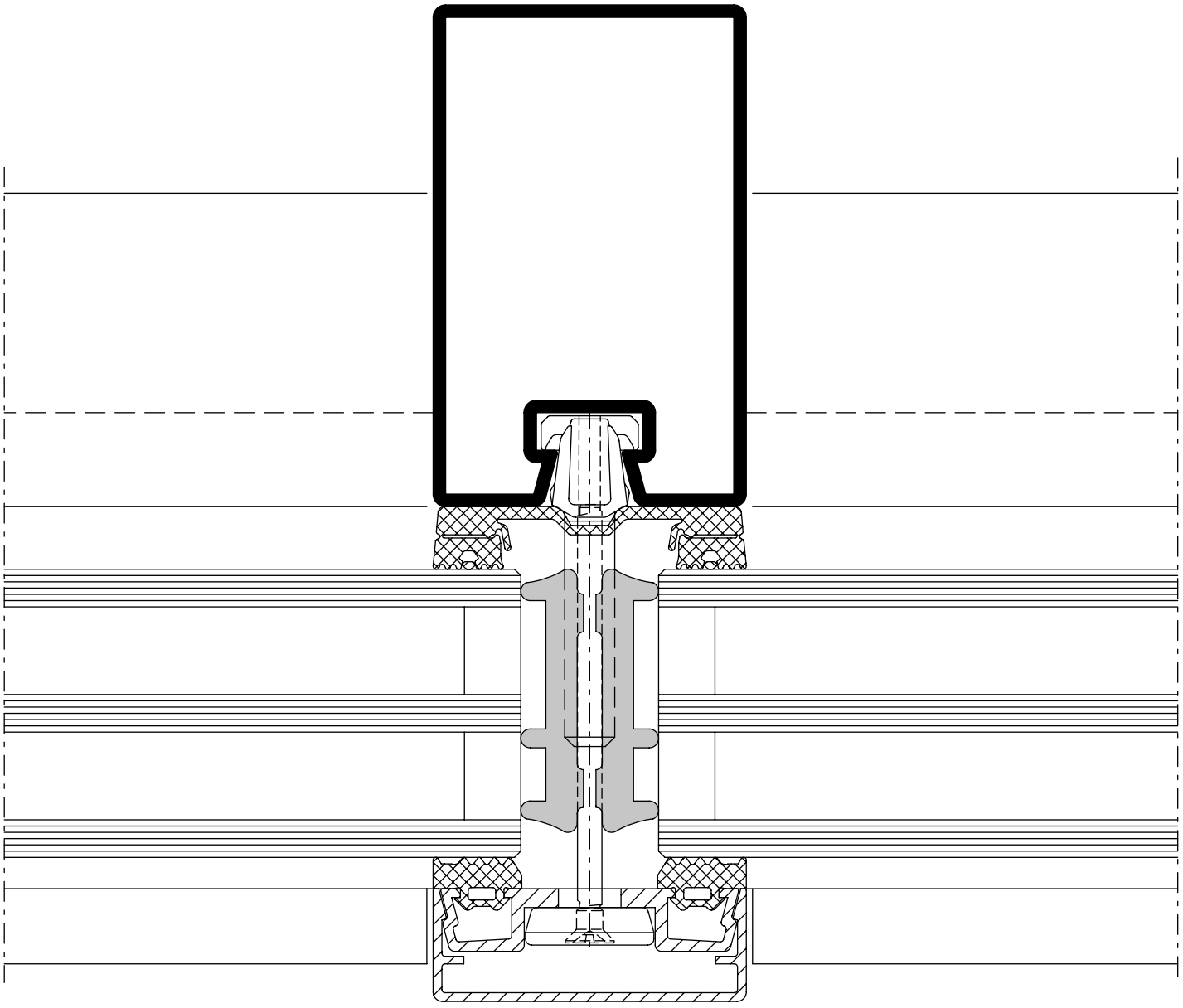
**Merkmale**
**Caractéristiques**
**Characteristics**

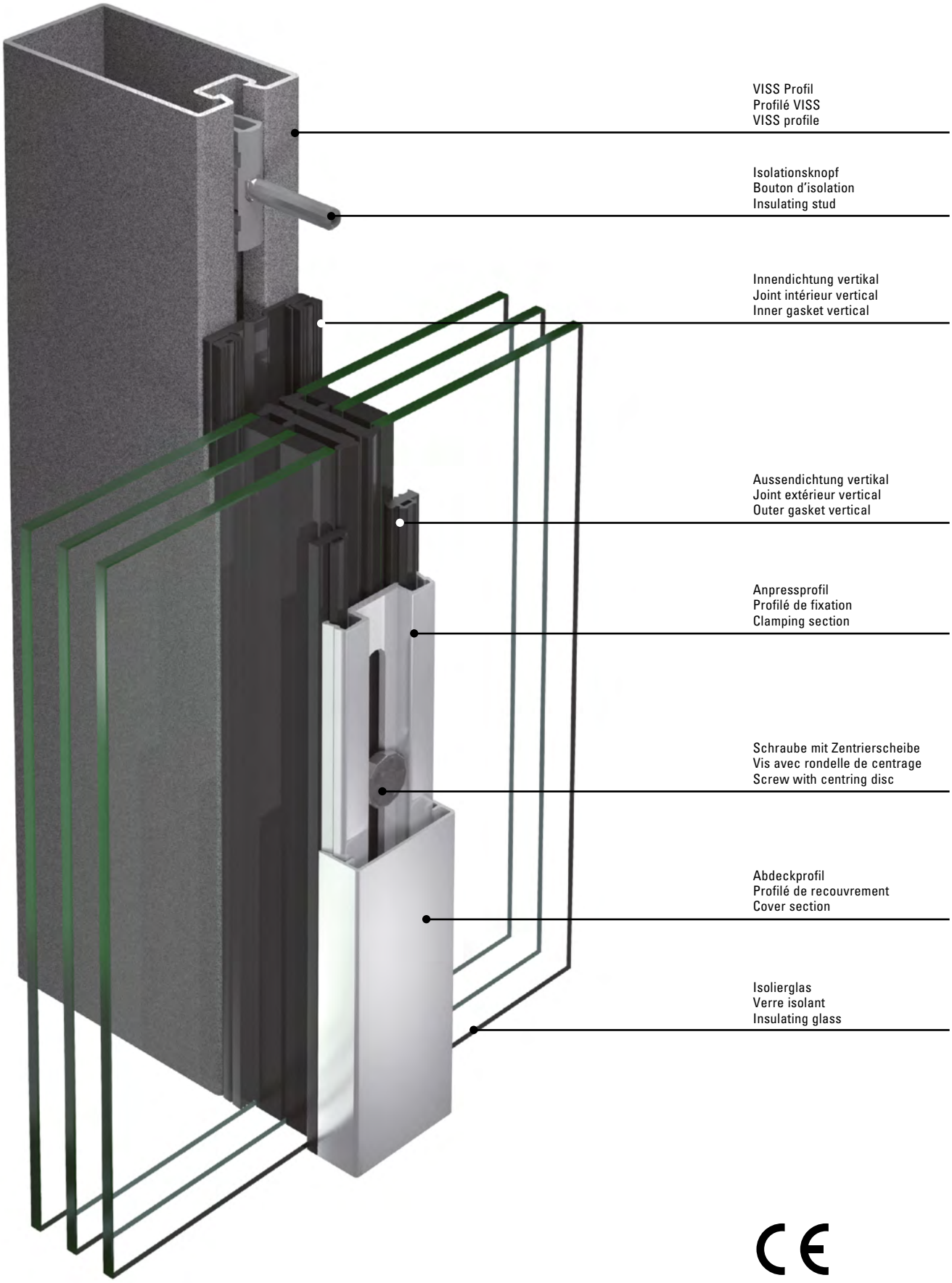
VISS Fassade
VISS façade
VISS façade

- CE-Kennzeichnung nach EN 13830
- $U_{CW}$, eingebaut Werte bis 0.73 W/m²K
- $U_f$ Werte bis 0.65 W/m²K
- Ansichtsbreiten 50 und 60 mm
- Füllelementstärken 6 bis 70 mm
- Füllelementgewichte bis 1800 kg
- Kombinierbar mit der Aufsatzkonstruktion VISS Basic, der Brandschutzlösung VISS Fire und der Einbruchhemmenden Variante VISS RC

- Marquage CE selon EN 13830
- Valeurs $U_{CW}$ (monté) jusqu'à 0.73 W/m²K
- Valeurs $U_f$ jusqu'à 0.65 W/m²K
- Largeurs de face 50 et 60 mm
- Éléments de remplissage de 6 à 70 mm d'épaisseur
- Poids de remplissage jusqu'à 1800 kg
- Combinable avec la construction rapportée VISS Basic, la protection incendie VISS Fire et la variante anti-effraction VISS RC

- CE marking in accordance with EN 13830
- $U_{CW}$, installed values to 0.73 W/m²K
- $U_f$ values to 0.65 W/m²K
- 50 and 60 mm face widths
- Infill panel thicknesses of 6 to 70 mm
- Can be combined with the VISS Basic add-on construction, the VISS Fire fire protection solution and the VISS RC burglar-resistant version




VISS Profil
Profilé VISS
VISS profile
Isolationsknopf
Bouton d'isolation
Insulating stud
Innendichtung vertikal
Joint intérieur vertical
Inner gasket vertical
Aussendichtung vertikal
Joint extérieur vertical
Outer gasket vertical
Anpressprofil
Profilé de fixation
Clamping section
Schraube mit Zentrierscheibe
Vis avec rondelle de centrage
Screw with centring disc
Abdeckprofil
Profilé de recouvrement
Cover section
Isolierglas
Verre isolant
Insulating glass

CE

| | Prüfungen (Prüfnorm)<br>Essais (Norme d'essai)<br>Tests (Test standard) | Klassifizierungs-Norm<br>Norme de classification<br>Classification standard | Werte<br>Valeurs<br>Values |
|---|---|---|---|
|  | Schlagregendichtheit (EN 12155)<br>Etanchéité à la pluie battante (EN 12155)<br>Watertightness (EN 12155) | **EN 12154** | RE 1200 |
|  | Widerstand bei Windlast (EN 12179)<br>Résistance à la pression du vent (EN 12179)<br>Resistance to wind load (EN 12179) | **EN 13116** | Bemessungslast 2 kN/m²<br>Charge de calcul 2 kN/m²<br>Designed load 2 kN/m² |
|  | Luftdurchlässigkeit (EN 12153)<br>Perméabilité à l'air (EN 12153)<br>Air permeability (EN 12153) | **EN 12152** | Klasse AE<br>Classe AE<br>Class AE |
|  | Wärmedurchgangskoeffizient (EN 13947)<br>Transmission thermique (EN 13947)<br>Thermal transmittance (EN 13947) | **EN ISO 10077-2** | ab $U_f$ > 0.65 W/m²K<br>dès $U_f$ > 0.65 W/m²K<br>from $U_f$ > 0.65 W/m²K |
|  | Schallschutz (EN ISO 140-3)<br>Isolation phonique (EN ISO 140-3)<br>Sound insulation (EN ISO 140-3) | **EN ISO 717-1** | $R_w$ 47 dB (-1; -5)<br>(C, Ctr) |
|  | Einbruchhemmung<br>Anti-effraction<br>Burglar resistance | **prEN 1627** | RC2 / RC3 / RC4 |
|  | Durchschusshemmung (EN 1523)<br>Résistance aux balles (EN 1523)<br>Bullet proofing (EN 1523) | **EN 1522** | FB4 NS |
|  | Stossfestigkeit<br>Résistance au chocs<br>Impact strength | **EN 14019** | Klasse E5 / I5<br>Classe E5 / I5<br>Class E5 / I5 |
|  | Brandverhalten<br>Réaction au feu<br>Reaction to fire | **EN 13501-1** | Klasse E<br>Classe E<br>Class E |
|  | Längsschalldämmung<br>Isolation acoustique longitudinale<br>Insulation against flanking transmission | **prEN ISO 10848-2 (4/2004)** | vertikal 62 dB<br>horizontal 59 dB |
|  | Technische Regeln für die Verwendung von absturzsichernden Verglasungen<br>Règlement technique pour la sécurité anti-chute des vitrages<br>The technical regulations for protecting glazing against falling out | **DIN 180008-4** | Kategorie A<br>Catégorie A<br>Category A |

**Avis Technique (Frankreich)**
Fassade VISS TV 1S
Zulassung Nr. 02/12-1501,
C.S.T.B. Marne la Vallée/FR

**Avis Technique (France)**
Façade VISS TV 1S
Autorisation no 02/12-1501,
C.S.T.B. Marne la Vallée/FR

**Avis Technique (France)**
Façade VISS TV 1S
Authorisation nr. 02/12-1501,
C.S.T.B. Marne la Vallée/FR

**Klemmverbindung (Deutschland)**
AbZ Z-14.4-459 (Isolationsknöpfe)

**Jonction par serrage (Allemagne)**
AbZ Z-14.4-459 (bouton d'isolation)

**Clamp connection (Germany)**
AbZ Z-14.4-459 (insulation studs)

**CWCT-Test**
Die Fassade wurde nach den Anforderungen des CWCT geprüft.

Luftdurchlässigkeit/
Wasserdichtheit: PASS
Zulässige Windlast 2400 Pa
Sicherheitslast 3600 Pa

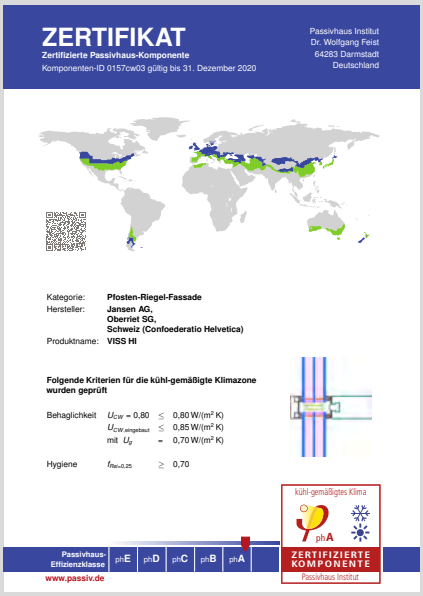
**Test CWCT**
La façade a été contrôlée suivant les exigences du CWCT.

Perméabilité à l'air/
Etanchéité à l'eau: PASS
Charge du vent admissible 2400 Pa
Charge de sécurité 3600 Pa

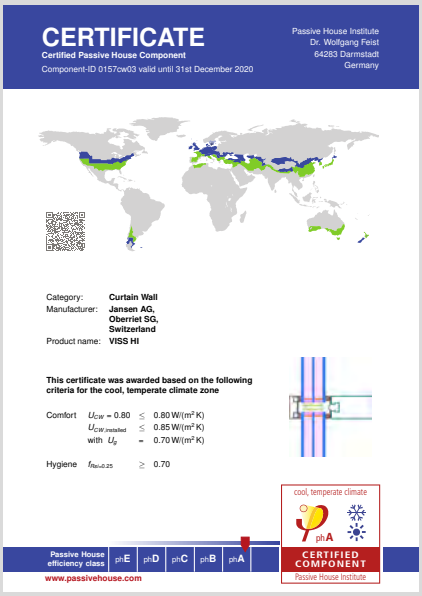
**CWCT test**
The facades were certified in compliance with the requirements of the CWCT.

Air permeability/
Watertightness: PASS
Permissible wind load 2400 Pa
Security load 3600 Pa

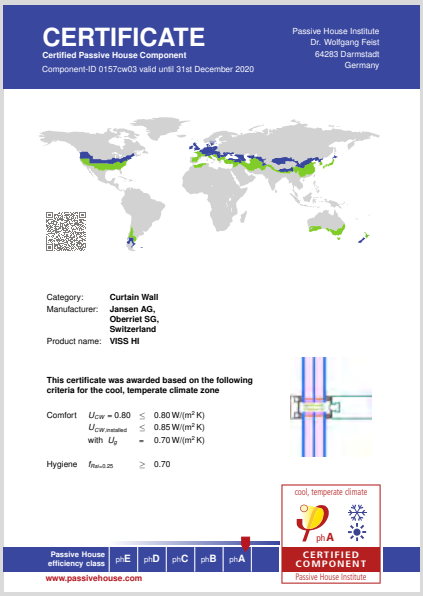
**Passivhaus-Zertifikat**


ZERTIFIKAT
Zertifizierte Passivhaus-Komponente
Komponenten-ID 0157cw03 gültig bis 31. Dezember 2020
Passivhaus Institut
Dr. Wolfgang Feist
64283 Darmstadt
Deutschland
Kategorie: Pfosten-Riegel-Fassade
Hersteller: Jansen AG, Oberriet SG, Schweiz (Confoederatio Helvetica)
Produktname: VISS HI
Folgende Kriterien für die kühl-gemäßigte Klimazone wurden geprüft
Behaglichkeit $U_{CW}$ = 0,80 ≤ 0,80 W/(m² K)
$U_{CW,eingebaut}$ ≤ 0,85 W/(m² K)
mit $U_g$ = 0,70 W/(m² K)
Hygiene $f_{Rsi=0,25}$ ≥ 0,70
kühl-gemäßigtes Klima
Passivhaus-Effizienzklasse phE phD phC phB phA
ZERTIFIZIERTE KOMPONENTE
Passivhaus Institut
www.passiv.de

**Certificat maison passive**


CERTIFICATE
Certified Passive House Component
Component-ID 0157cw03 valid until 31st December 2020
Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany
Category: Curtain Wall
Manufacturer: Jansen AG, Oberriet SG, Switzerland
Product name: VISS HI
This certificate was awarded based on the following criteria for the cool, temperate climate zone
Comfort $U_{CW}$ = 0.80 ≤ 0.80 W/(m² K)
$U_{CW,installed}$ ≤ 0.85 W/(m² K)
with $U_g$ = 0.70 W/(m² K)
Hygiene $f_{Rsi=0.25}$ ≥ 0.70
cool, temperate climate
Passive House efficiency class phE phD phC phB phA
CERTIFIED COMPONENT
Passive House Institute
www.passivehouse.com

**Passive house certificate**


CERTIFICATE
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Hygiene $f_{Rsi=0.25}$ ≥ 0.70
cool, temperate climate
Passive House efficiency class phE phD phC phB phA
CERTIFIED COMPONENT
Passive House Institute
www.passivehouse.com

## VISS RC

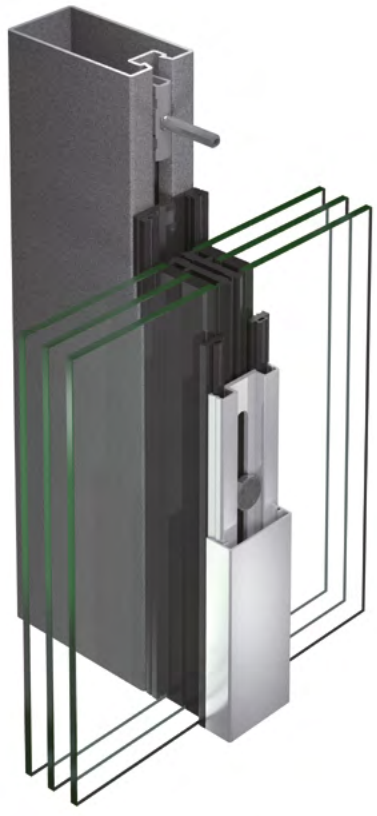
- Ansichtsbreiten 50 mm und 60 mm
- Keine sichtbare Einbruchhemmung ist erkennbar
- RC Lösung kann im VISS Standard und VISS Basic angewendet werden
- Kombination der beiden Systeme mit RC ebenfalls möglich
- Einbruch- und Ausbruchhemmung nach EN 1627
- VISS RC Versionen sind mit den einbruchhemmenden Profillösungen bis RC3 für Janisol, Janisol HI, Arte und Janisol Primo im Fensterbereich sowie Janisol HI, Janisol im Türbereich kombinierbar

## VISS RC

- Largeurs de face 50 mm et 60 mm
- Absence de protection anti-effraction visible détectable
- La solution RC peut être appliquée dans les versions VISS Standard et VISS Basic
- Combinaison possible des deux systèmes avec RC
- Anti-effraction et anti-évasion selon EN 1627
- Les versions VISS RC peuvent être combinées avec les solutions de profilés à protection anti-effraction jusqu'à RC3 pour Janisol, Janisol HI, Arte et Janisol Primo dans le domaine des fenêtres, et avec les profilés pour Janisol HI, Janisol dans le domaine des portes

## VISS RC

- Face widths of 50 mm and 60 mm
- No "visible" burglar resistance
- RC solution can be applied in the VISS Standard and VISS Basic systems
- Combination of both systems with RC also possible
- Burglar and break-out resistance in accordance with EN 1627
- VISS RC versions can be combined with the burglar-resistant profile solutions up to RC3 for Janisol, Janisol HI, Arte and Janisol Primo in windows as well as Janisol HI and Janisol in doors



## VISS HI

- Hochisolierte Stahlfassade in Pfosten-Riegel-Bauweise
- Passivhaus zertifizierte Komponente
- Ermöglicht ein nachhaltiges Bauen
- Geeignet für besonders hohe Ansprüche im Isolationsbereich

## VISS HI

- Façade en acier hautement isolée à montage montants-traverses
- Composants certifiés Maison Passive
- Permet une construction durable
- Adapté à des exigences particulièrement hautes dans le domaine de l'isolation

## VISS HI

- Highly insulated steel façade as mullion/transom construction
- Passive house-certified components
- Allows sustainable construction
- Suitable for particularly high insulation requirements

## VISS flaches Deckprofil

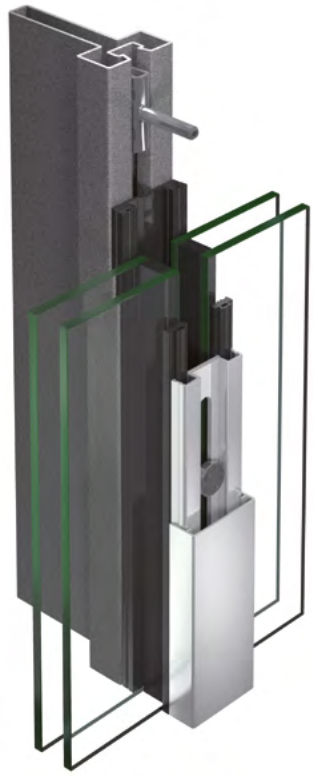
- Die wirtschaftliche Lösung für SG Optik
- Das Auge gleitet über die Fassade, ohne von signifikanten optischen Teilern abgelenkt zu werden
- Keine sichtbaren Schrauben
- Zweifarbig eloxierbar oder beschichtbar

## VISS Profilé de recouvrement plat

- Solution économique pour l'optique SG
- L'œil parcourt la façade sans tomber sur des séparateurs optiques marqués
- Pas de vis visibles
- Capacité d'anodisation en deux couleurs ou au revêtement

## VISS flat cover cap profile

- The economical solution for SG look
- The eye glides over the façade without being distracted by obtrusive visual dividers
- No visible screws
- Can be anodised or coated in two colours



## VISS Linea / Personal Profiles

- Designprofil Linea mit filigraner Ansicht bei hoher statischer Leistung
- Für individuelle und ästhetische Ansprüche
- Ertüchtigung möglich durch eingeschobenen Flachstahl
- Profil integriert im vorhandenen VISS System und Anschluss ohne Benutzung von Sonderteilen

## VISS Linea / Personal Profiles

- Profilé design Linea à face fine pour une haute performance statique
- Pour des exigences spécifiques et esthétiques
- Peut être renforcé par l'insertion de plaques en acier
- Profilé intégré dans le système VISS existant et raccordement sans utilisation de pièces spéciales

## VISS Linea / Personal profiles

- Linea design profile with slimline sightlines and high structural performance
- For individual and aesthetic requirements
- Can be reinforced by inserting steel plates
- Profile integrated in existing VISS system and attachment without the use of special parts

## VISS Sonnenschutz

- Abgestimmt auf das VISS System
- Im Sinne der Nachhaltigkeit erlaubt der Sonnenschutz eine energieeffiziente Planung
- Ein angenehmes Klima für die Nutzer durch den optimalen Sonnenschutz

## VISS Protection solaire

- Adapté au système VISS
- Conformément au principe de durabilité, la protection solaire permet une planification qui tient compte de l'efficacité énergétique
- Climat agréable pour le personnel grâce à la protection solaire optimale

## VISS sun shading

- Tailored to the VISS system
- In terms of sustainability, the sun shading facilitates energy-efficient planning
- Optimum sun shading provides a pleasant climate for the employees

## VISS Fassadentür

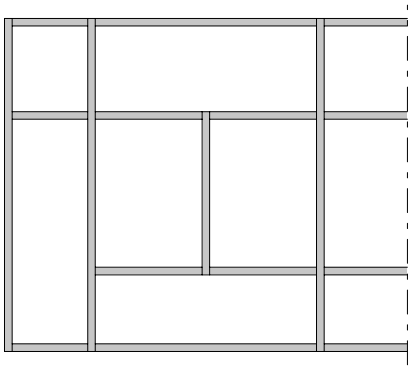
- Erscheinungsbild identisch mit Fassadenkonstruktion
- variable Türgrössen, je nach Profilwahl und Einsatzgebiet bis 6 m Höhe möglich
- Grossflächige Drehtür als Servicetür oder als Durchgang für Transportzwecke, z.B. bei Ausstellungen, Autohäuser, Museen, Atrien, etc.

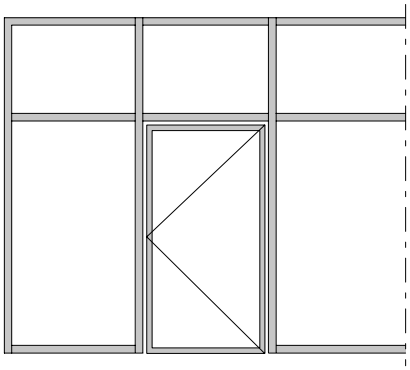
## VISS Porte de façade

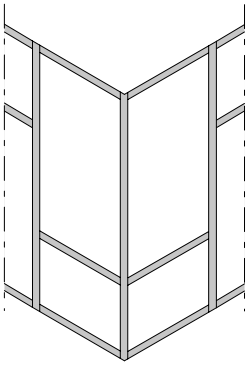
- Se fond dans la construction de la façade
- Différentes dimensions de porte possibles jusqu'à une hauteur de 6 m suivant le choix du profilé et le domaine d'application
- Porte pivotante de grande surface servant de porte de service ou de passage pour transporter le nécessaire, par exemple pour les expositions, les garages, les musées, les atriums, etc.

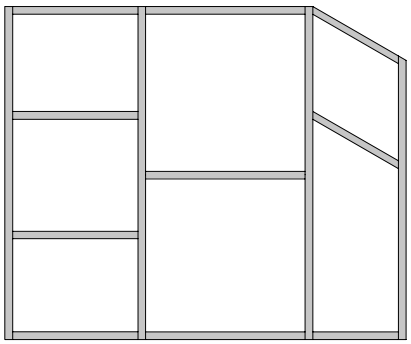
## VISS façade door

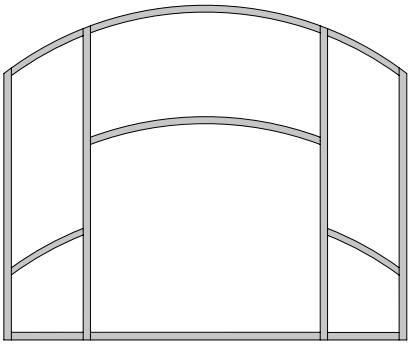
- Appearance identical to façade construction
- Variable door sizes of up to 6 m in height possible depending on the choice of profiles and the area of use
- Large side-hung door as service door or as access route for transport purposes, e.g. for expeditions, car dealerships, museums, atriums etc.

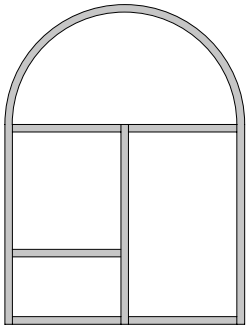


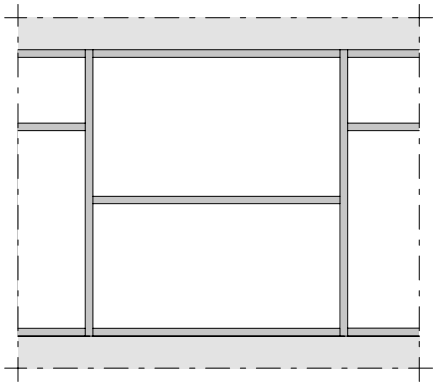


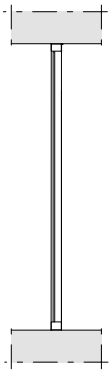


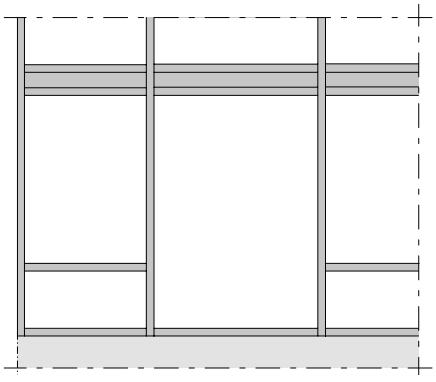


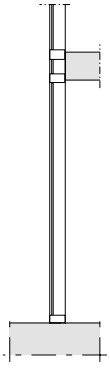












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**DXF** DWG

Sie können die Zeichnungen in den Formaten DXF und/oder DWG herunterladen. Klicken Sie auf das entsprechende Icon und der Download erfolgt.

Die Hinweise «Artikelbibliothek/ Türbeschläge/Fensterbeschläge» bedeuten, dass Sie mit einem Klick die gesamte Artikelbibliothek des entsprechenden Systems herunterladen (Profile, Beschläge, Glasleisten, Zubehör etc.).

## Télécharger fichiers DAO

**DXF** DWG

Vous pouvez télécharger les dessins aux formats DXF et/ou DWG. Cliquez sur l'icône correspondante et le téléchargement s'effectuera.

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

## Download CAD files

**DXF** DWG

You can download the drawings in DXF and/or DWG format. Click on the relevant icon to begin the download.

The items «Article library/Door fittings/ Window fittings» means that you download the entire article library for the corresponding system with one click (profiles, fittings, glazing beads, accessories etc.).

## Info und Beratung

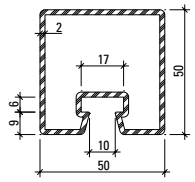
Gerne beraten wir Sie persönlich und stehen Ihnen bei Fragen zur Verfügung. Bitte schreiben Sie uns Ihre Anliegen an: info@jansen.com

## Info et conseils

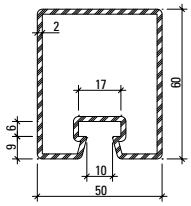
Nous vous conseillerons volontiers individuellement et sommes à votre disposition si vous avez des questions à poser. Veuillez nous envoyer votre requête à: info@jansen.com

## Information and advice

We would be delighted to provide you with advice in person and are available to answer any questions you may have. Please write to us with your queries at: info@jansen.com




**76.694**
**76.694 Z**

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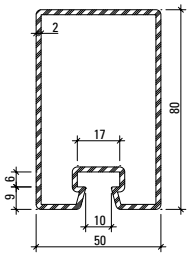
**76.671 Z**

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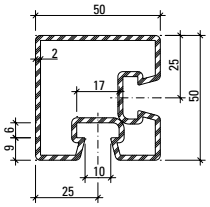
**76.696 Z**

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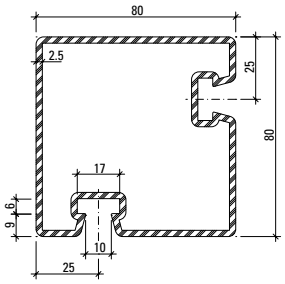
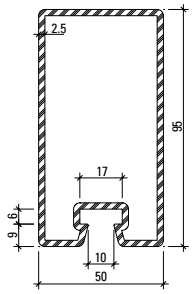
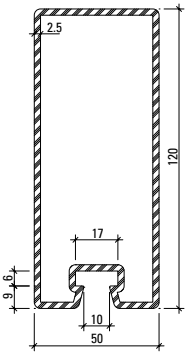


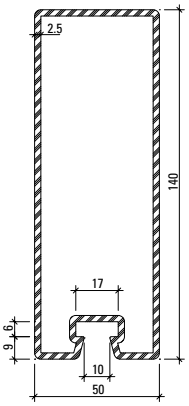

**76.096**



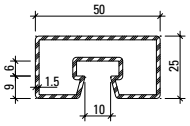

**76.697**
**76.697 Z**



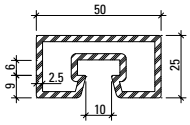

**76.679**
**76.679 Z**



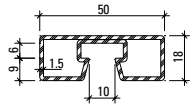

**76.666**
**76.666 Z**



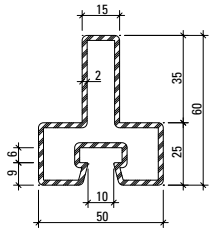

**76.682**



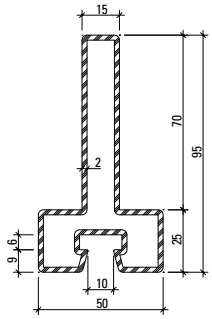

**76.680**



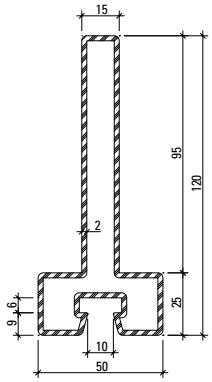

**76.692**




**76.114**

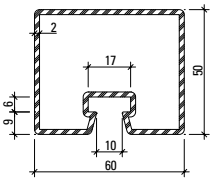



**76.115**

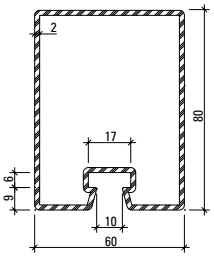



**76.116**

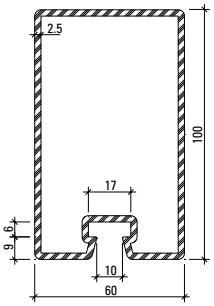
| Profil-Nr. | G kg/m | F cm² | Ix cm⁴ | Wx cm³ | Iy cm⁴ | Wy cm³ | U m²/m | L mm |
|---|---|---|---|---|---|---|---|---|
| **76.094** | 4,090 | 5,2 | 15,2 | 5,8 | 15,2 | 5,8 | 0,280 | 6000 |
| **76.096** | 7,437 | 9,5 | 83,8 | 20,5 | 83,8 | 20,5 | 0,391 | 6000 |
| **76.666** | 7,910 | 10,1 | 241,3 | 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 |



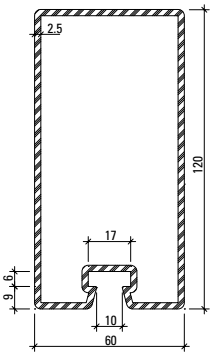

**76.695**
**76.695 Z**



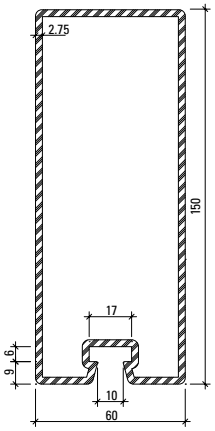

**76.678**
**76.678 Z**



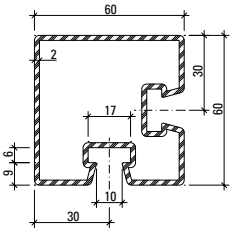

**76.684**
**76.684 Z**



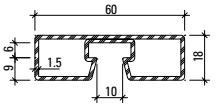

**76.698**
**76.698 Z**



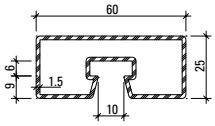

**76.667**
**76.667 Z**



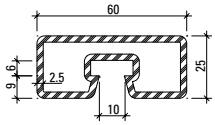

**76.095**




**76.693**




**76.683**




**76.681**

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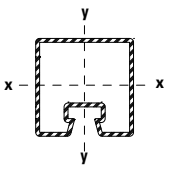
**DXF** DWG

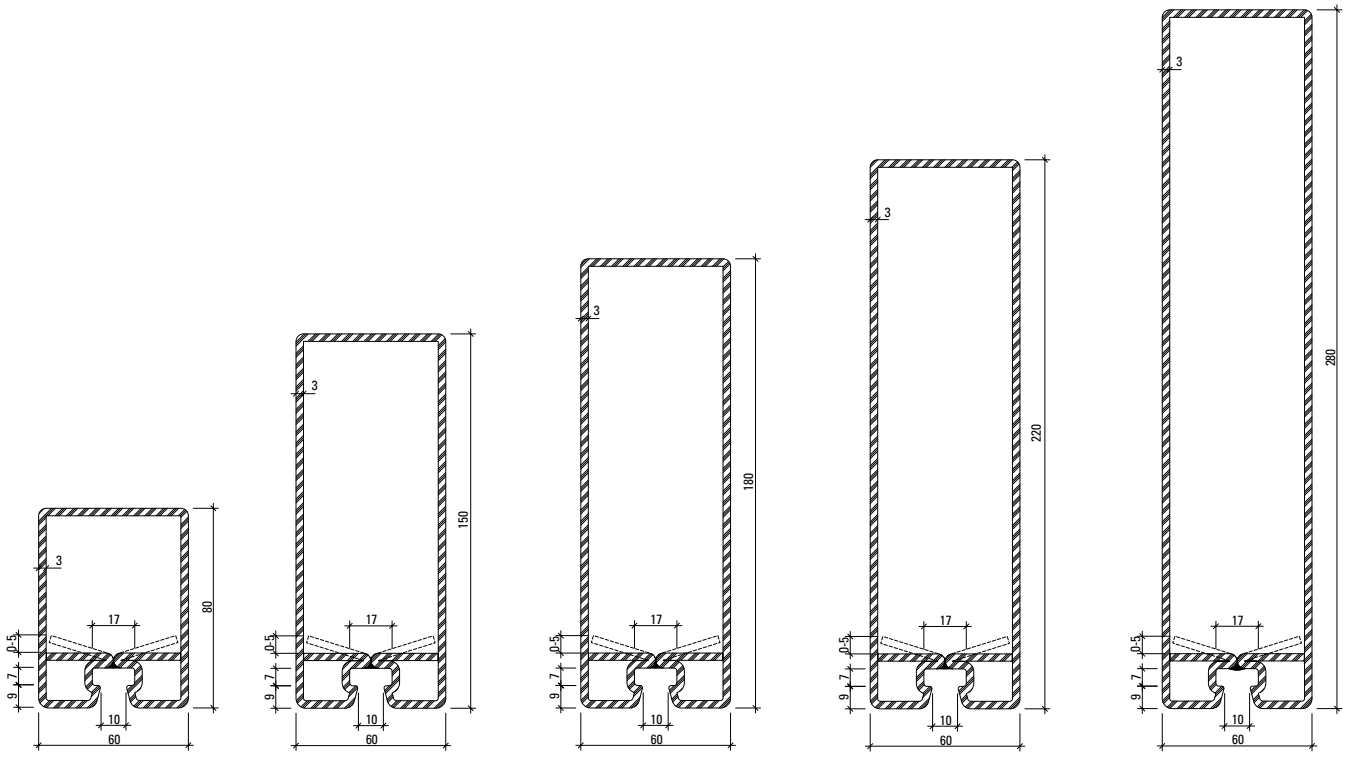
**Stabachse**
**Axe de la barre**
**Bar axis**




| 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 |

**Profile 60 mm (Massstab 1:3)**
**Profilés 60 mm (échelle 1:3)**
**Profiles 60 mm (scale 1:3)**

VISS Fassade
VISS façade
VISS façade




**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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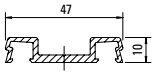
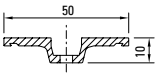
| Profil-Nr. | G kg/m | F cm² | Ix cm⁴ | Wx cm³ | Iy cm⁴ | Wy cm³ | U m²/m | L mm |
|---|---|---|---|---|---|---|---|---|
| **76.140 Z** | 12,946 | 16,47 | 649,2 | 64,3 | 100,0 | 33,2 | 0,516 | 8000 |
| **76.141 Z** | 14.833 | 18.87 | 1090,2 | 89,1 | 119,1 | 39,7 | 0,596 | 8000 |
| **76.142 Z** | 17,662 | 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 |

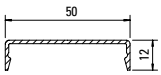



**407.800**

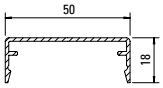



**407.821**

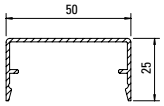

**407.823**



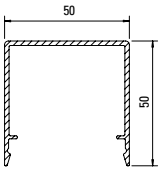

**407.860**



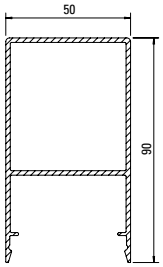

**407.861**



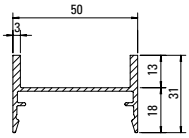

**407.862**



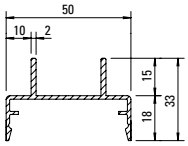

**407.863**




**407.864**




**407.900**




**407.911**

**Werkstoff**
Aluminium EN AW 6060 T66 roh, leicht eingeölt

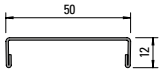
**Matériau**
Aluminium EN AW 6060 T66 brut, légèrement huilé

**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 |

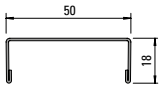
| Profil-Nr. | G kg/m | U m²/m | P m²/m | L mm |
|---|---|---|---|---|
| **407.861** | 0,341 | 0,185 | 0,084 | 6000 |
| **407.862** | 0,394 | 0,213 | 0,098 | 6000 |
| **407.863** | 0,660 | 0,313 | 0,148 | 6000 |
| **407.864** | 1,344 | 0,360 | 0,228 | 6000 |
| **407.900** | 0,556 | 0,240 | 0,138 | 6000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

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




**400.860**

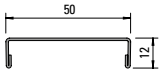
**Profilé de recouvrement acier Inox**
**Qualité 1.4301 (AISI 304)**
meulé, degré 220/240,
avec feuille de protection




**400.861**

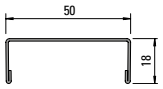
**Stainless steel cover sections**
**Material 1.4301 (AISI 304)**
polished, grain 220/240,
with protective film

**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<br>kg/m | L<br>mm |
|---|---|---|
| **400.860** | 0,644 | 6000 |
| **400.861** | 0,734 | 6000 |

| Profil-Nr. | G<br>kg/m | L<br>mm |
|---|---|---|
| **400.862** | 0,652 | 6000 |
| **400.863** | 0,744 | 6000 |

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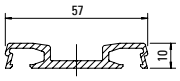
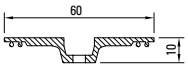
**Deckprofile 60 mm (Massstab 1:3)**
**Profilés de recouvrement 60 mm (échelle 1:3)**
**Cover sections 60 mm (scale 1:3)**

VISS Fassade
VISS façade
VISS façade

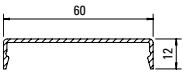



**407.802**

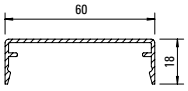



**407.822**

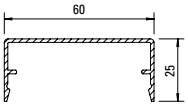

**407.823**



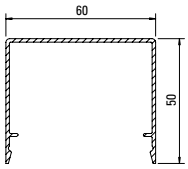

**407.865**



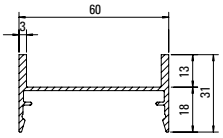

**407.866**




**407.867**




**407.868**



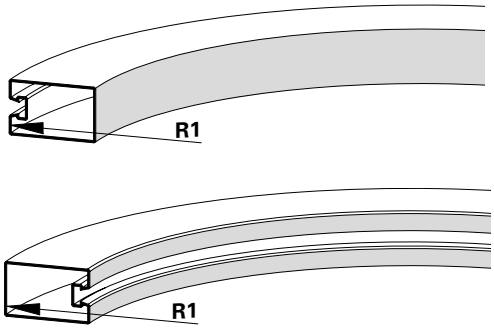

**407.901**

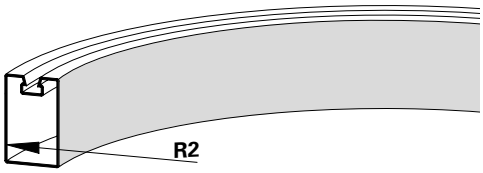
**Werkstoff**
Aluminium EN AW 6060 T66 roh, leicht eingeölt

**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 $m^2/m$ | P $m^2/m$ | 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 |




| Profil<br>Profilé<br>Profile | R1<br>mm | R2<br>mm |
|---|---|---|
| 76.114 | 1600 | 750 |
| 76.115 | 2100 | 1050 |
| 76.666 | 2650 | 850 |
| 76.667 | 2350 | 1000 |
| 76.671 | 900 | 750 |
| 76.678 | 1600 | 1100 |
| 76.679 | 2550 | 850 |
| 76.684 | 1600 | 900 |
| 76.694 | 550 | 550 |
| 76.695 | 650 | 700 |
| 76.696 | 1100 | 650 |
| 76.697 | 1300 | 850 |
| 76.698 | 2150 | 1100 |

| Profil<br>Profilé<br>Profile | R1<br>mm | R2<br>mm |
|---|---|---|
| 76.680 | 400 | 450 |
| 76.681 | 400 | 550 |
| 76.683 | 700 | 750 |
| 76.692 | 600 | 650 |
| 76.693 | 600 | 900 |

**Hinweis:**
Alle Profile sind auch in verzinkter Ausführung (Z) biegbar.

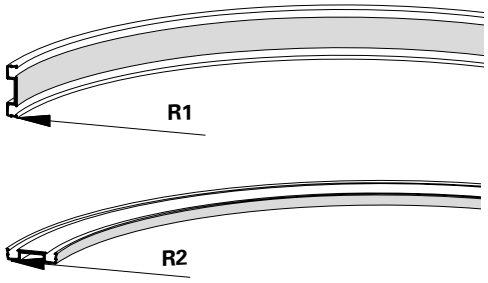
Beim Biegen von engen Radien kann sich die VISS-Nute verjüngen.

**Remarque:**
Tous les profilés sont également cintrables en exécution galvanisée (Z).

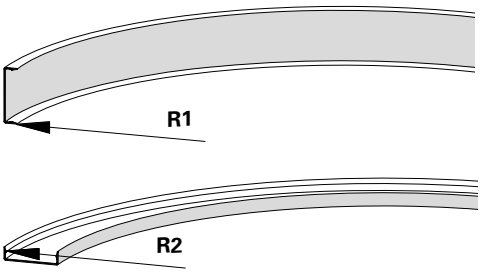
La rainure VISS peut s'amincir lors du cintrage pour des rayons serrés.

**Note:**
All profiles can also be bent into curves in the galvanised finish (Z).

The VISS flute might be tapered down when bending narrow radii.




| Profil<br>Profilé<br>Profile | R1<br>mm | R2<br>mm |
|---|---|---|
| 400.800 | 800 | 1500 |
| 400.800 Z | 800 | 1200 |
| 400.801 Z | 800 | 1800 |
| 400.802 | 800 | 1500 |
| 400.802 Z | 800 | 1500 |
| 400.803 | 800 | 1800 |
| 407.800 | 500 | 1050 |
| 407.802 | 500 | 1100 |




| Profil<br>Profilé<br>Profile | R1<br>mm | R2<br>mm |
|---|---|---|
| 407.815 | 500 | 700 |
| 407.860 | 500 | 850 |
| 407.861 | 500 | 950 |
| 407.862 | 700 | 1250 |
| 407.865 | 500 | 1250 |
| 407.866 | 700 | 1300 |
| 407.867 | 700 | 1300 |

| **Schnittpunkte** | **Coupe de détails** | **Section details** |
|---|---|---|
| Pfosten/Riegel-Details 50 mm | Détails montant/traverse 50 mm | Details mullion/transom 50 mm |
| Segment-Verglasung 50 mm | Vitrage segmenté 50 mm | Segmental glazing 50 mm |
| VISS Linea 50 mm | VISS Linea 50 mm | VISS Linea 50 mm |
| Flaches Deckprofil 50 mm | Profilé de recouvrement plat 50 mm | Flat cover cap 50 mm |
| VISS Linea 50 mm | VISS Linea 50 mm | VISS Linea 50 mm |
| Einfachverglasung 50 mm | Vitrage simple 50 mm | Single glazing 50 mm |
| Pfosten/Riegel-Details 60 mm | Détails montant/traverse 60 mm | Details mullion/transom 60 mm |
| Segment-Verglasung 60 mm | Vitrage segmenté 60 mm | Segmental glazing 60 mm |
| Flaches Deckprofil 60 mm | Profilé de recouvrement plat 60 mm | Flat cover cap 60 mm |
| Einfachverglasung 60 mm | Vitrage simple 60 mm | Single glazing 60 mm |

| **Konstruktions-Details** | **Détails de constructions** | **Construction details** |
|---|---|---|
| Einsatzelement Janisol HI | Elément de remplissage Janisol HI | Infill element Janisol HI |
| Einsatzelement Janisol-Türe | Elément de remplissage porte Janisol | Infill element Janisol door |
| Einsatzelement Janisol Primo | Elément de remplissage Janisol Primo | Infill element Janisol Primo |
| Einsatzelement Janisol Arte | Elément de remplissage Janisol Arte | Infill element Janisol Arte |
| Aussenecke 90° | Angle extérieur 90° | Outer corner 90° |
| Aussenecke 135° | Angle extérieur 135° | Outer corner 135° |
| Innenecke 135° | Angle intérieur 135° | Inner corner 135° |

| **Anschlüsse am Bau** | **Raccords au mur** | **Attachment to structure** |
|---|---|---|

| **System-Hinweise** | **Indications du système** | **System instructions** |
|---|---|---|
| $U_f$-Werte nach EN 10077-2 | Valeurs $U_f$ selon EN 10077-2 | $U_f$ values according to EN 10077-2 |

**VISS HI**

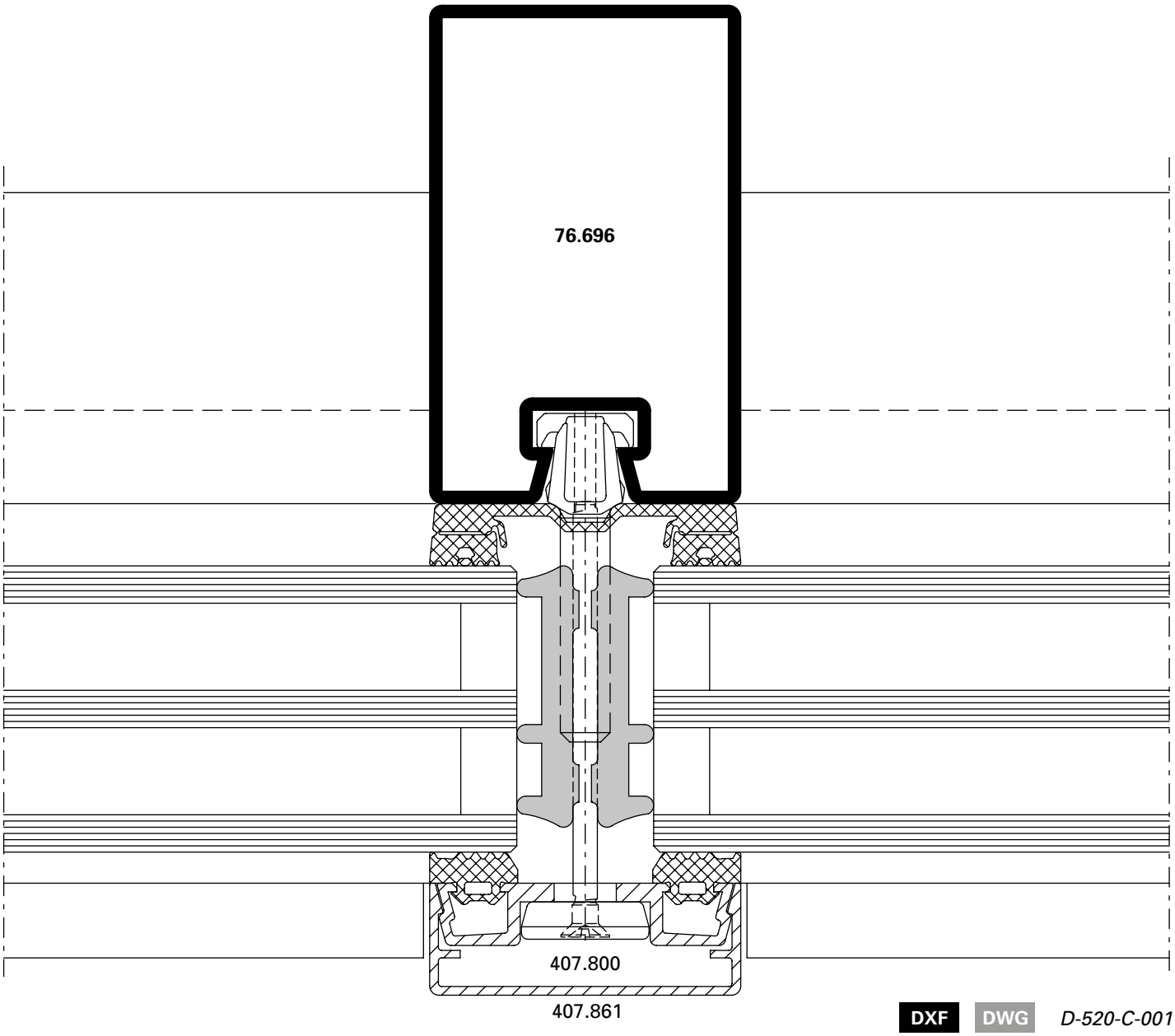
**Pfosten-Detail**
**Ansichtsbreite 50 mm**

**VISS HI**

**Détail du montant**
**Largeur de face 50 mm**

**VISS HI**

**Detail of mullion**
**Width 50 mm**




**DXF** **DWG** *D-520-C-001*

**VISS HI**

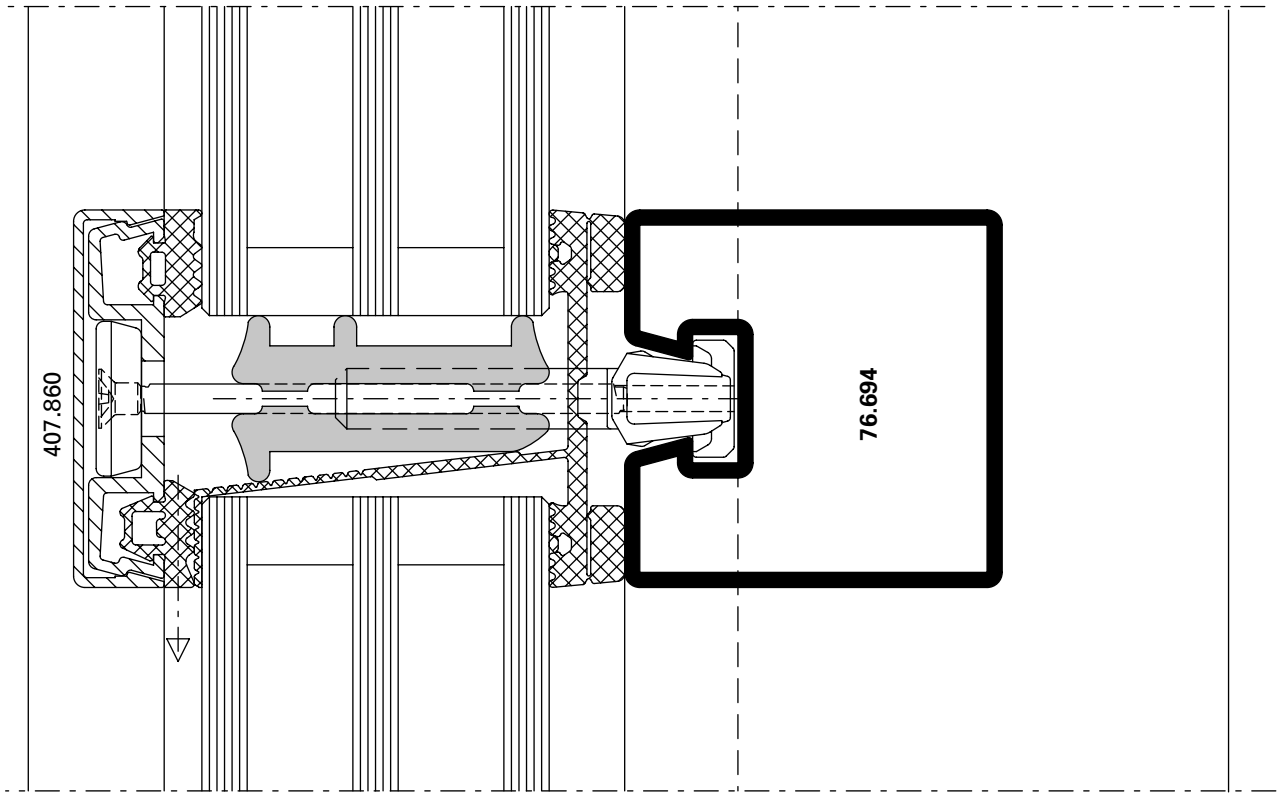
**Riegel-Detail**
**Ansichtsbreite 50 mm**

**VISS HI**

**Détail de la traverse**
**Largeur de face 50 mm**

**VISS HI**

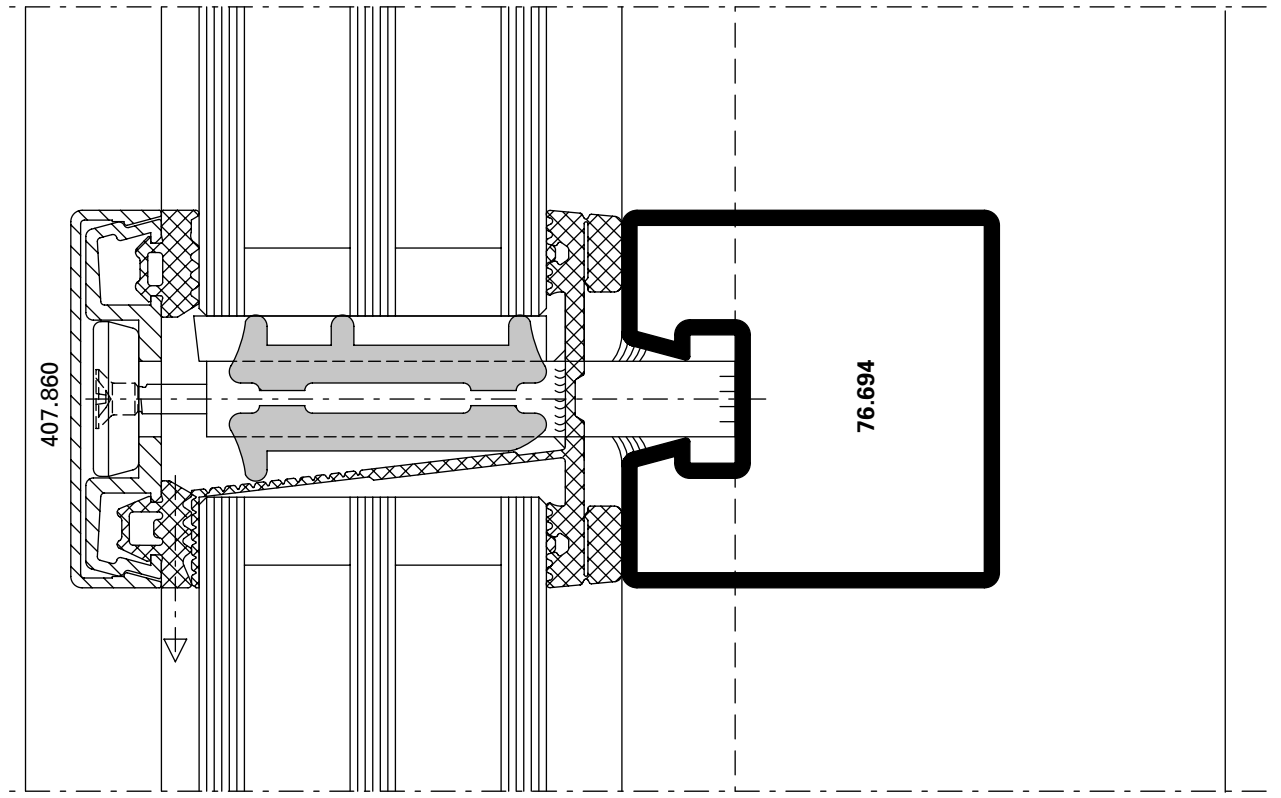
**Detail of transom**
**Width 50 mm**




*D-520-C-002*

DWG

DXF




*D-520-C-003*

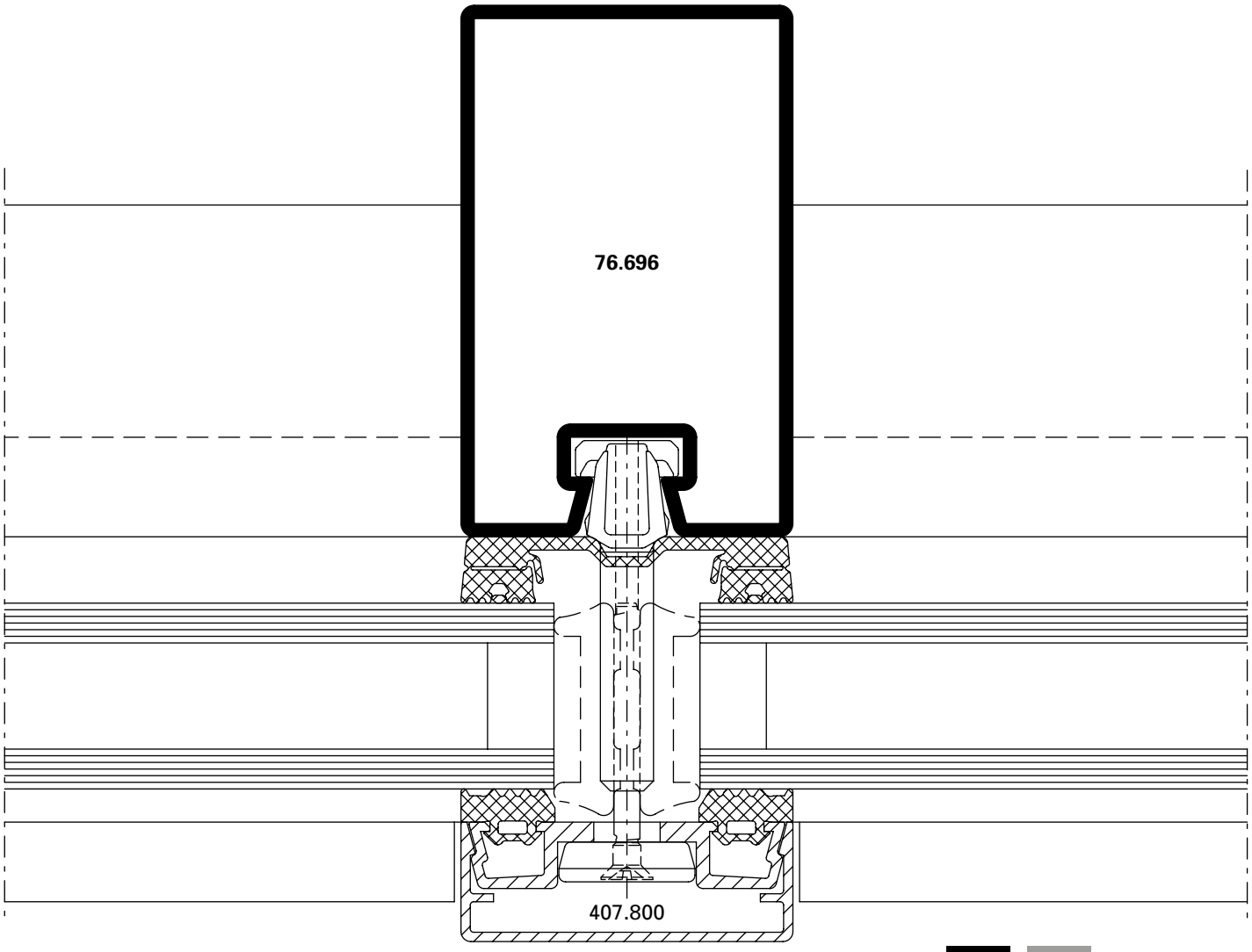
DWG

DXF

**Pfosten-Detail**
**Ansichtsbreite 50 mm**

**Détail du montant**
**Largeur de face 50 mm**

**Detail of mullion**
**Width 50 mm**

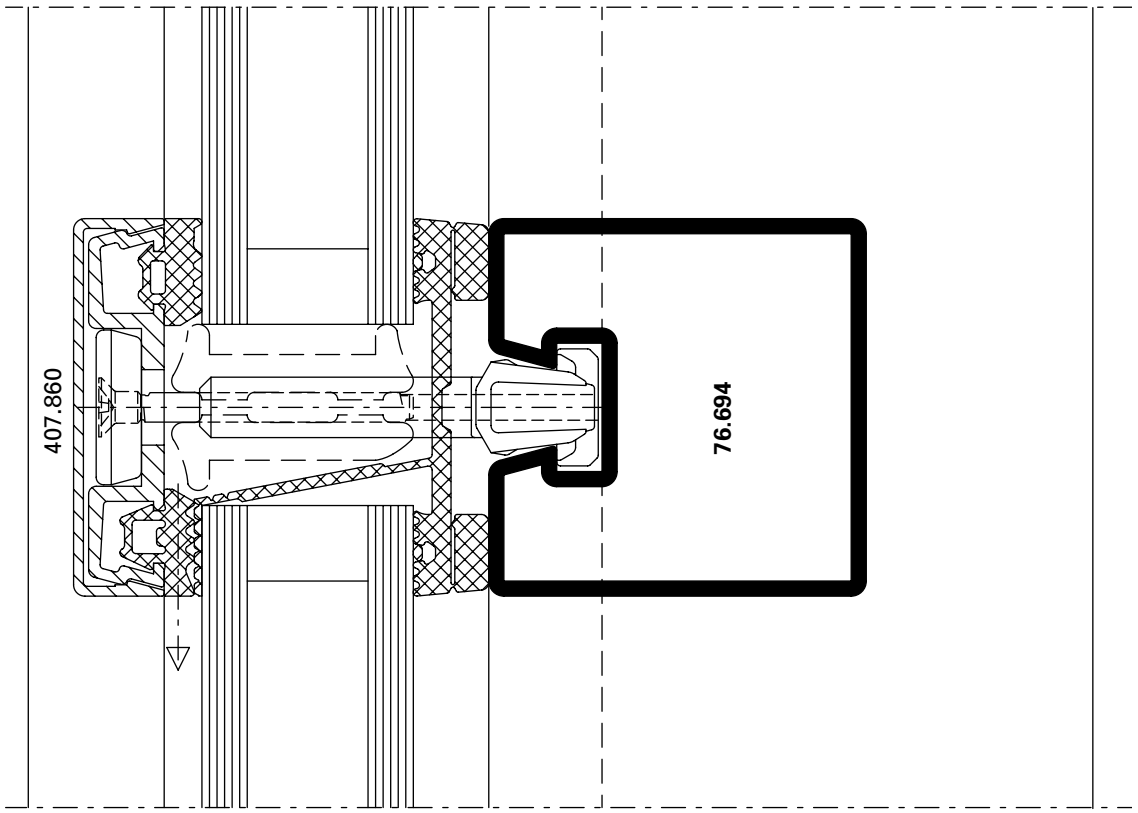



**DXF** DWG *D-510-C-001*

**Riegel-Detail**
**Ansichtsbreite 50 mm**

**Détail de la traverse**
**Largeur de face 50 mm**

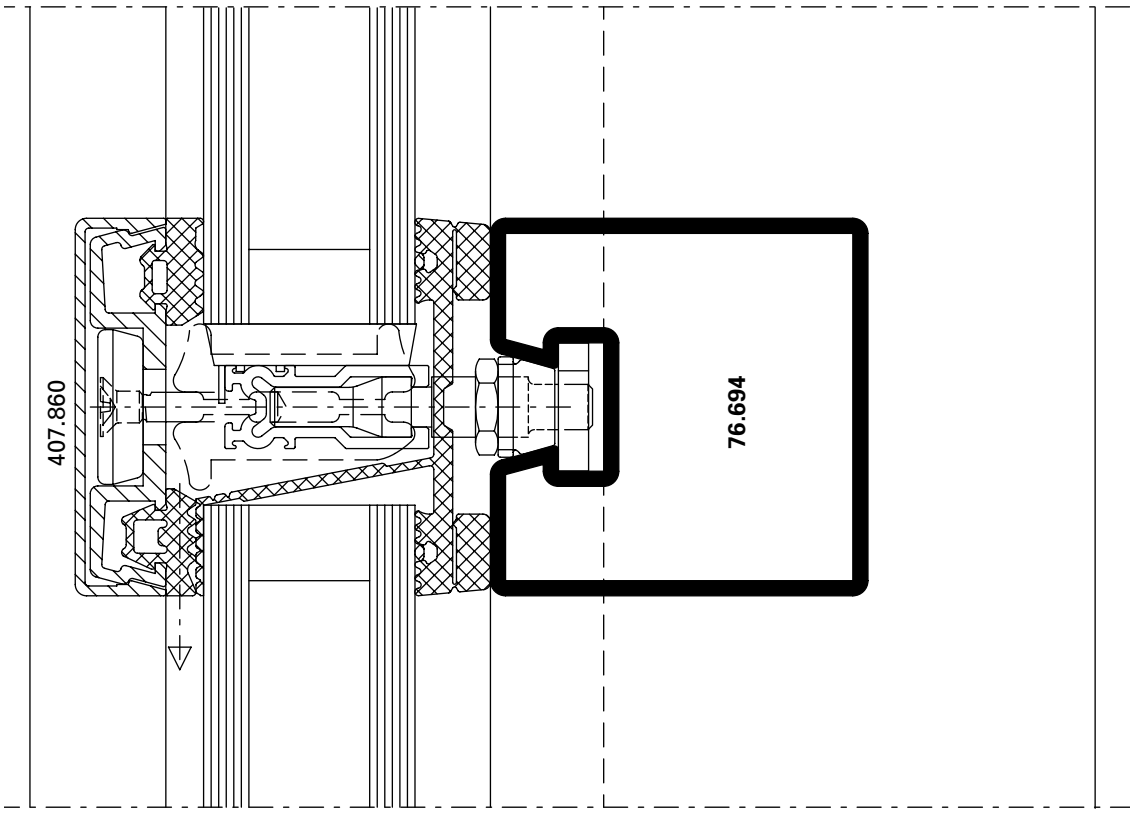
**Detail of transom**
**Width 50 mm**




*D-510-C-002*

DWG

DXF




*D-510-C-003*

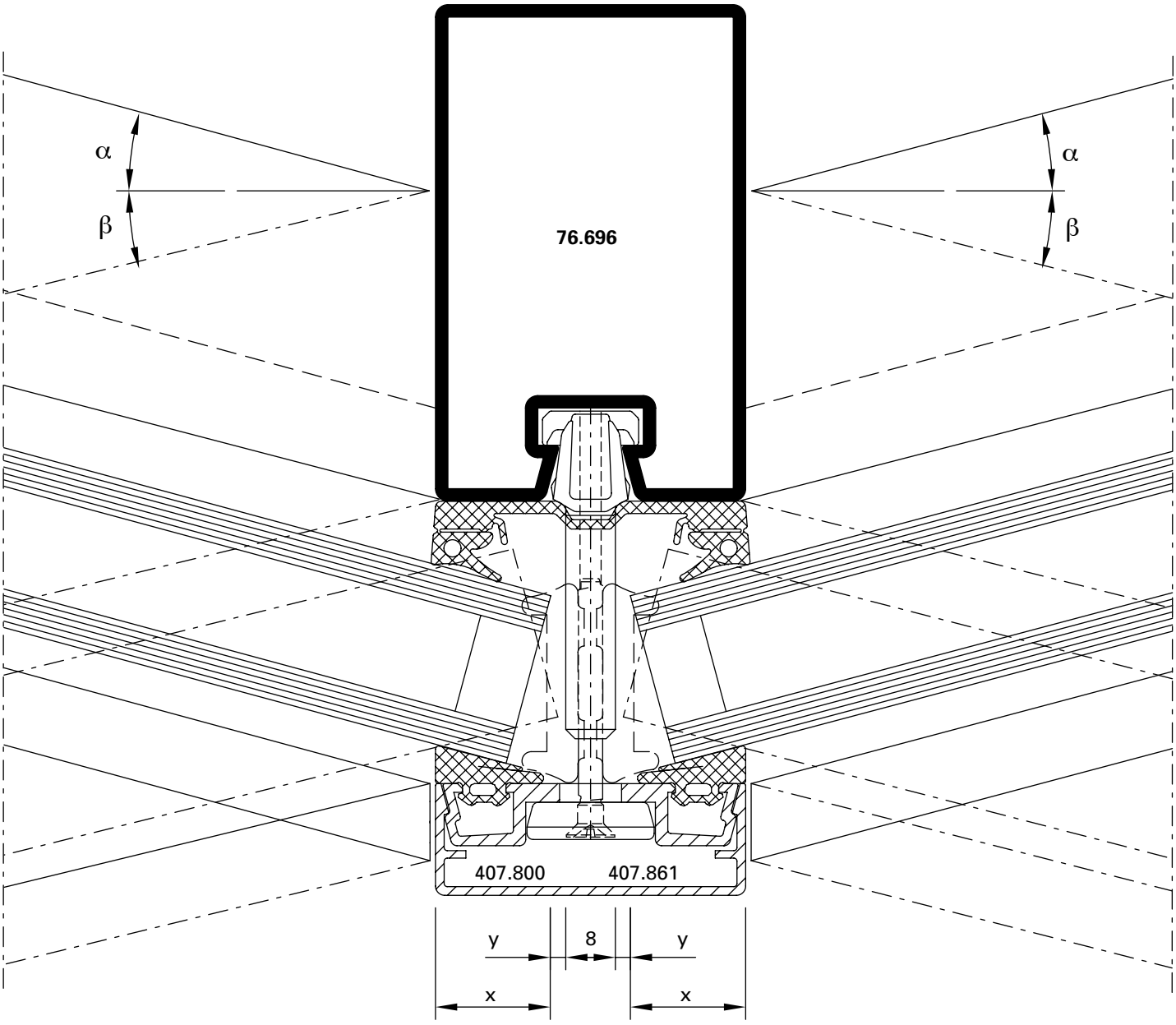
DWG

DXF

**Pfosten-Detail**
**Segmentverglasung 50 mm**

**Détail du montant**
**Vitrage segmenté 50 mm**

**Detail of mullion**
**Segmental glazing, width 50 mm**




**DXF** DWG *D-510-C-004*

| 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 |

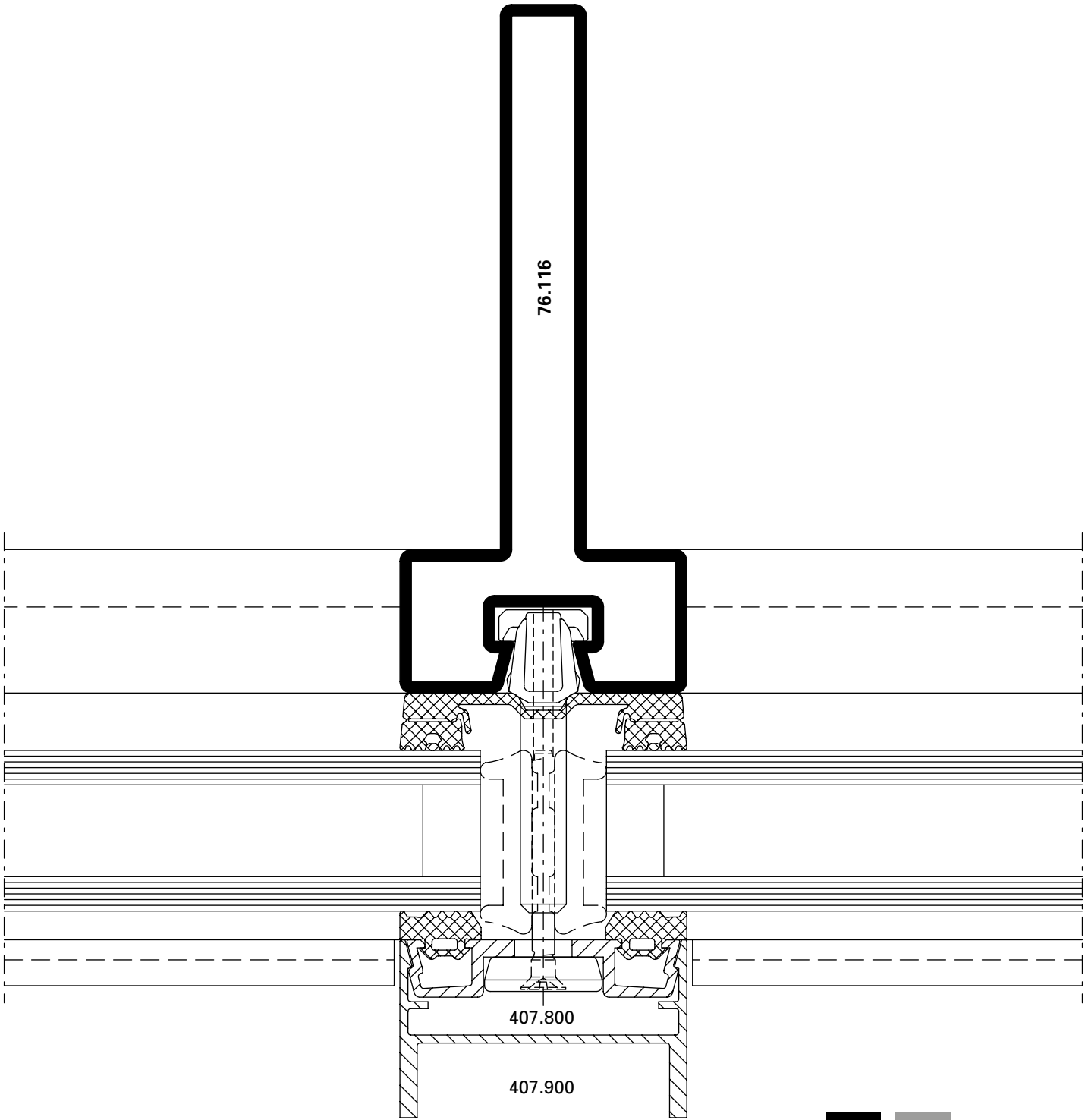
| α β | Epaisseur du remplissage | x (max) mm | y (min) mm |
|---|---|---|---|
| 0 – 5° | 20 – 45 mm | 16 | 5 |
| 5 – 10° | 20 – 35 mm | 18 | 3 |
| 10 – 15° | 20 – 24 mm | 18 | 3 |

| 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 |

**Pfosten-Detail VISS Linea**
**Ansichtsbreite 50 mm**

**Détail du montant VISS Linea**
**Largeur de face 50 mm**

**Detail of mullion VISS Linea**
**Width 50 mm**

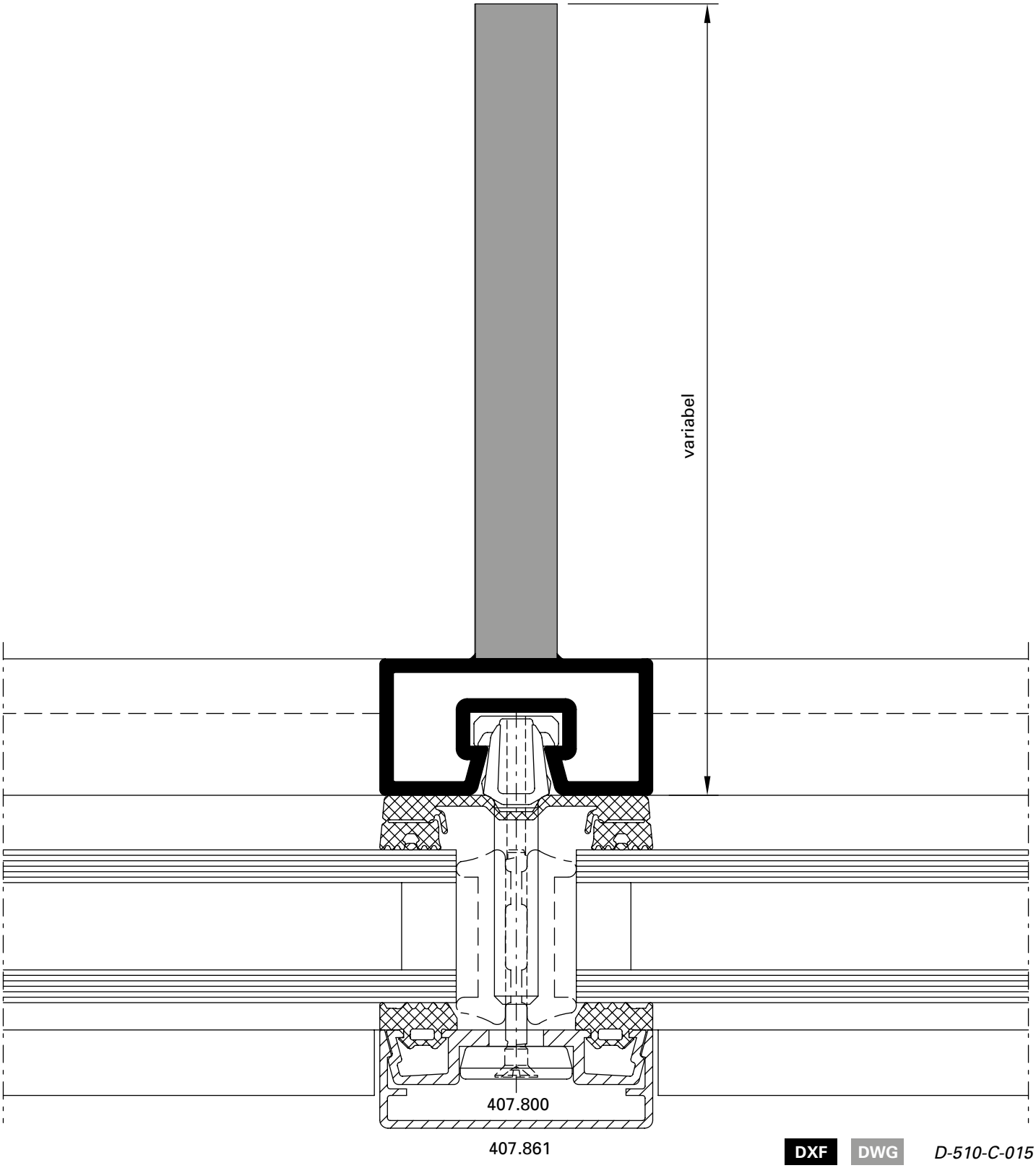



**DXF** DWG *D-510-C-016*

**Pfosten-Detail VISS Linea**
**Lasergeschweisst**
**Ansichtsbreite 50 mm**

**Détail du montant VISS Linea**
**Soudage au laser**
**Largeur de face 50 mm**

**Detail of mullion VISS Linea**
**Laser welding**
**Width 50 mm**

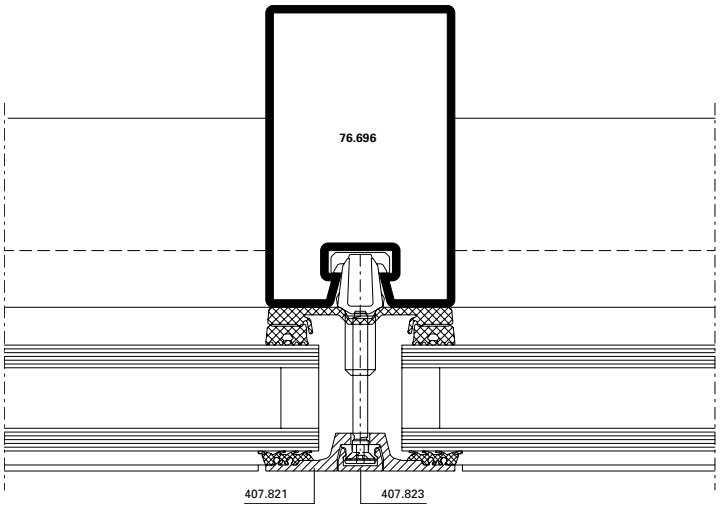



DXF DWG *D-510-C-015*

**Pfosten-Detail**
**Flaches Deckprofil**
**Ansichtsbreite 50 mm**

**Détail du montant**
**Profilé de recouvrement plat**
**Largeur de face 50 mm**

**Detail of mullion**
**Flat cover cap**
**Width 50 mm**

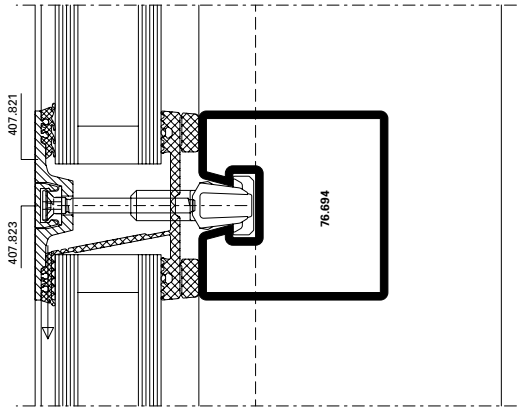



**DXF** **DWG** *D-510-C-017*

**Riegel-Detail**
**Flaches Deckprofil**
**Ansichtsbreite 50 mm**

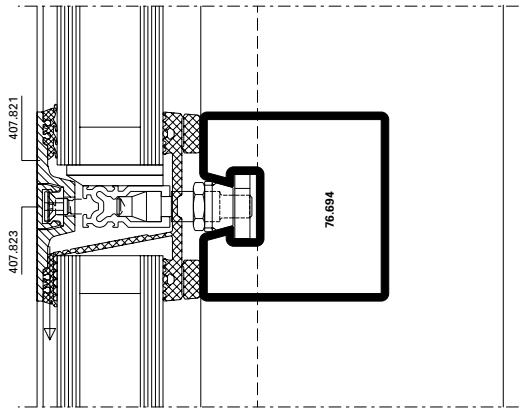
**Détail de la traverse**
**Profilé de recouvrement plat**
**Largeur de face 50 mm**

**Detail of transom**
**Flat cover cap**
**Width 50 mm**




*D-510-C-018*

**DWG** **DXF**



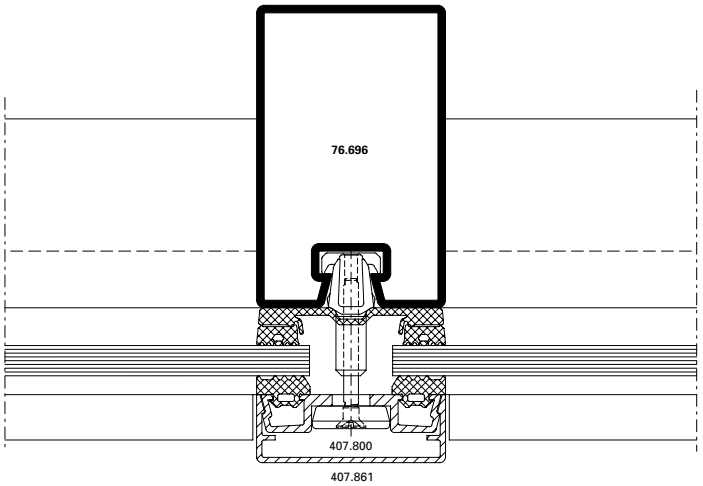

*D-510-C-019*

**DWG** **DXF**

**Pfosten-Detail**
**Einfachverglasung**
**Ansichtsbreite 50 mm**

**Détail du montant**
**Vitrage simple**
**Largeur de face 50 mm**

**Detail of mullion**
**Single glazing**
**Width 50 mm**

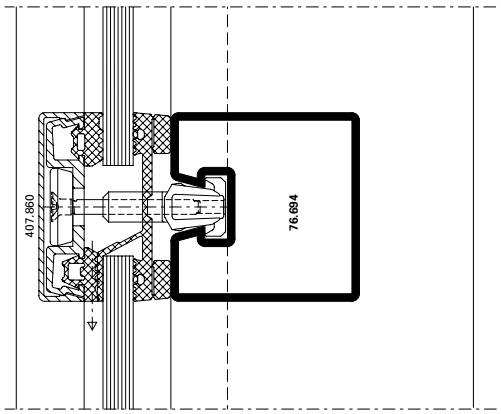



**DXF** **DWG** *D-510-C-012*

**Riegel-Detail**
**Einfachverglasung**
**Ansichtsbreite 50 mm**

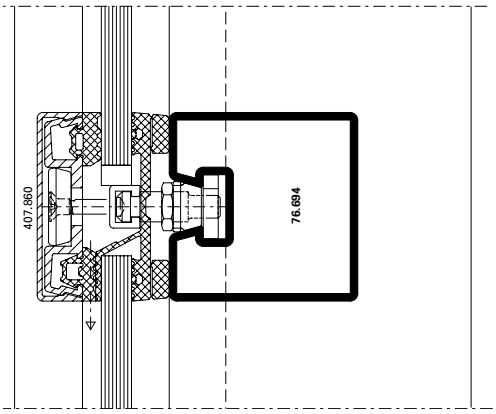
**Détail de la traverse**
**Vitrage simple**
**Largeur de face 50 mm**

**Detail of transom**
**Single glazing**
**Width 50 mm**




*D-510-C-013*

**DWG** **DXF**




*D-510-C-014*

**DWG** **DXF**

**VISS HI**

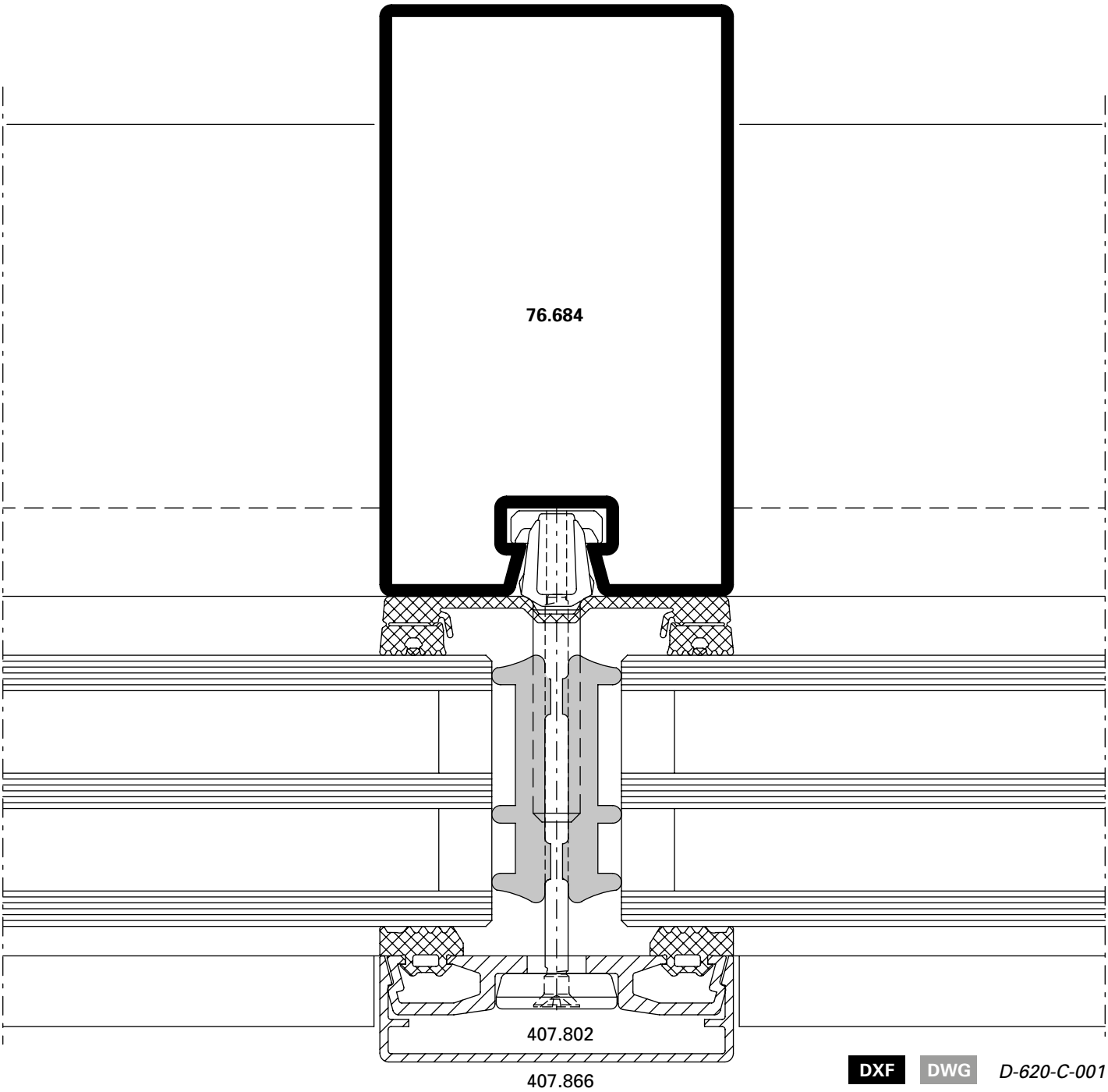
**Pfosten-Detail**
**Ansichtsbreite 60 mm**

**VISS HI**

**Détail du montant**
**Largeur de face 60 mm**

**VISS HI**

**Detail of mullion**
**Width 60 mm**




DXF DWG *D-620-C-001*

**VISS HI**

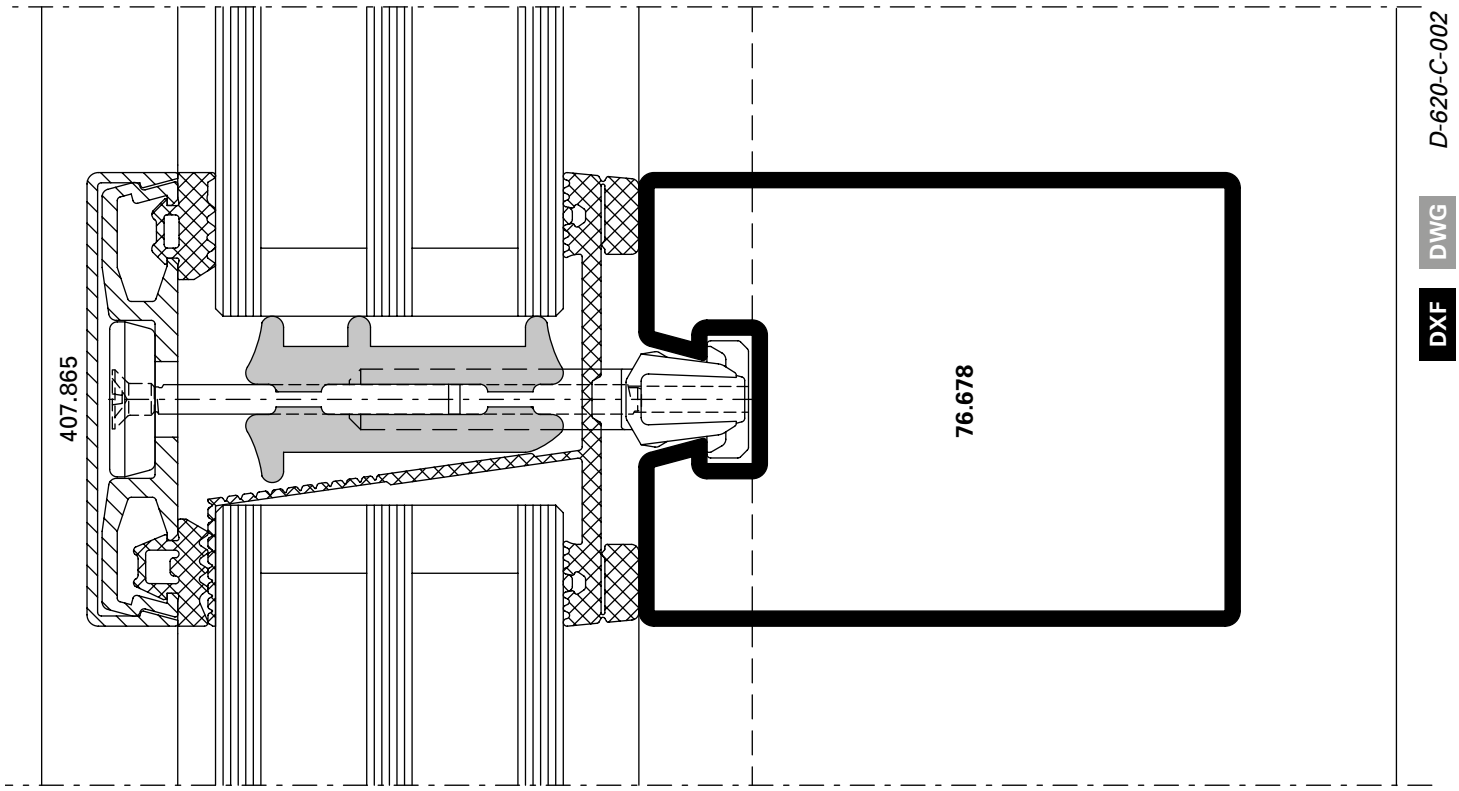
**Riegel-Detail**
**Ansichtsbreite 60 mm**

**VISS HI**

**Détail de la traverse**
**Largeur de face 60 mm**

**VISS HI**

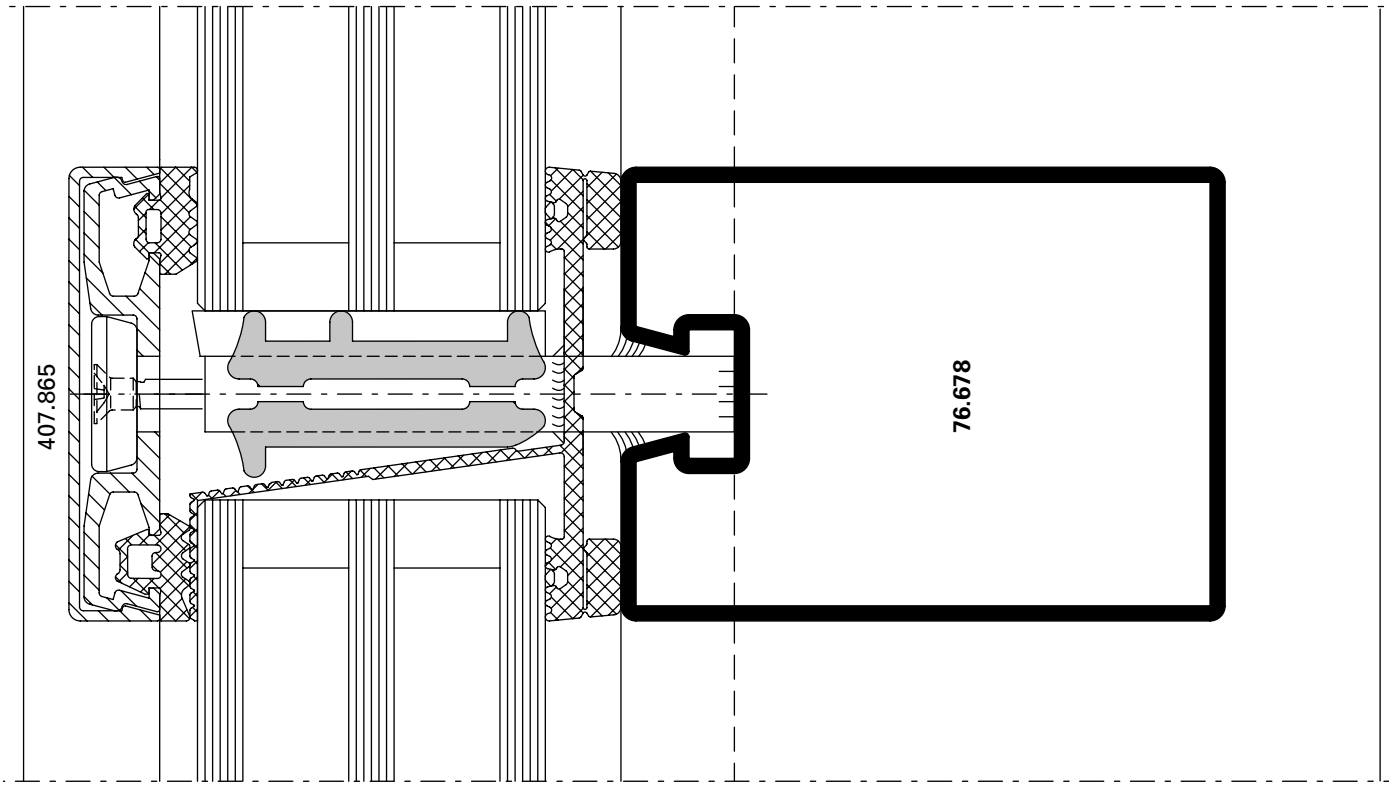
**Detail of transom**
**Width 60 mm**




*D-620-C-002*

DWG

DXF




*D-620-C-003*

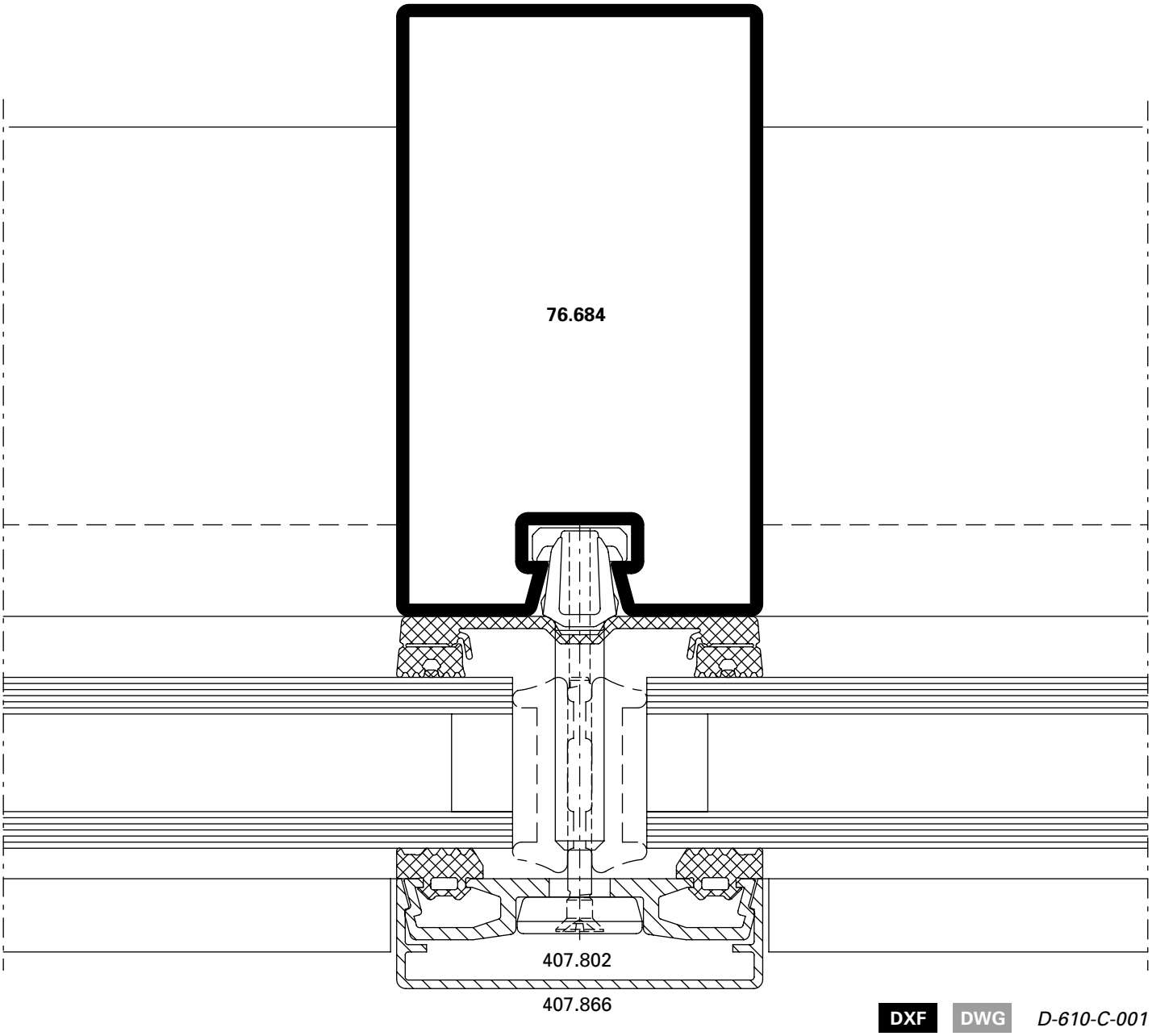
DWG

DXF

**Pfosten-Detail**
**Ansichtsbreite 60 mm**

**Détail du montant**
**Largeur de face 60 mm**

**Detail of mullion**
**Width 60 mm**

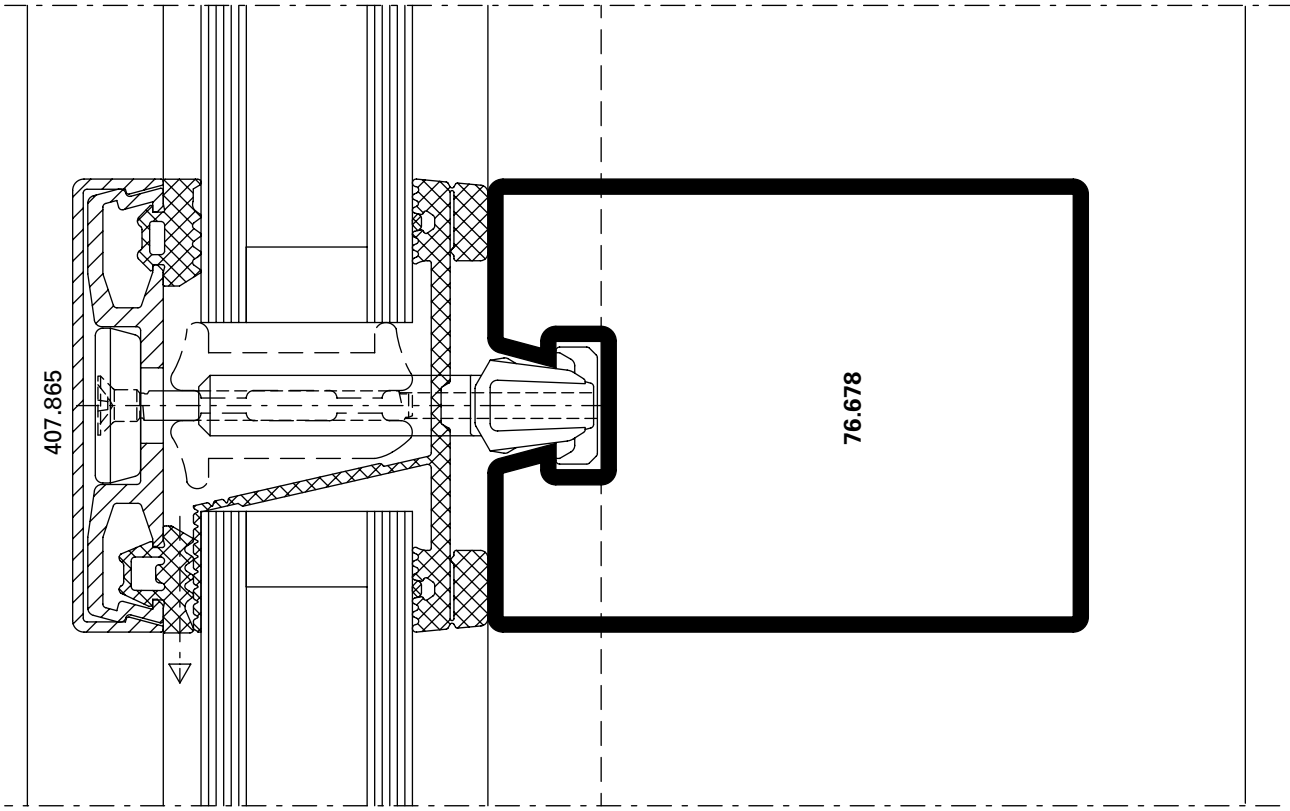



**DXF** DWG *D-610-C-001*

**Riegel-Detail**
**Ansichtsbreite 60 mm**

**Détail de la traverse**
**Largeur de face 60 mm**

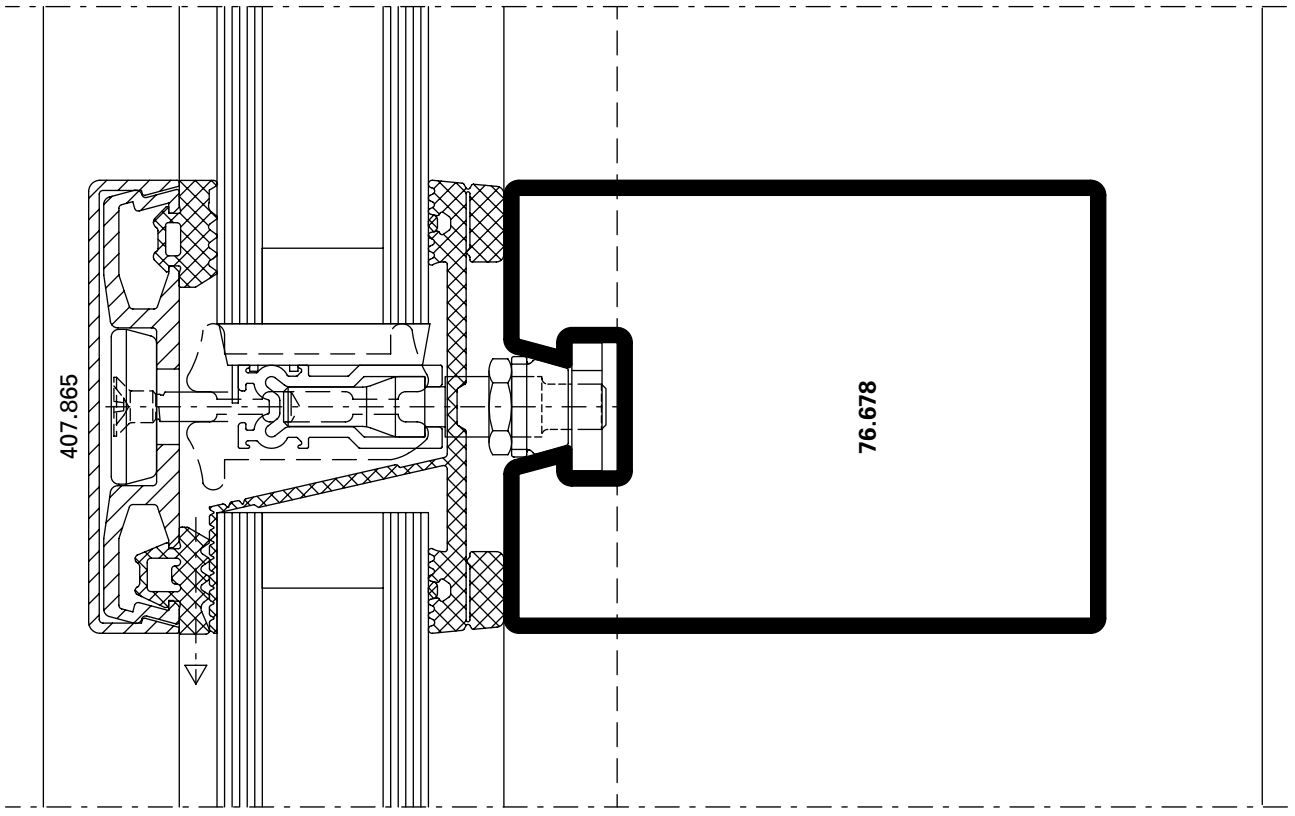
**Detail of transom**
**Width 60 mm**




*D-610-C-002*

DWG

DXF




*D-610-C-003*

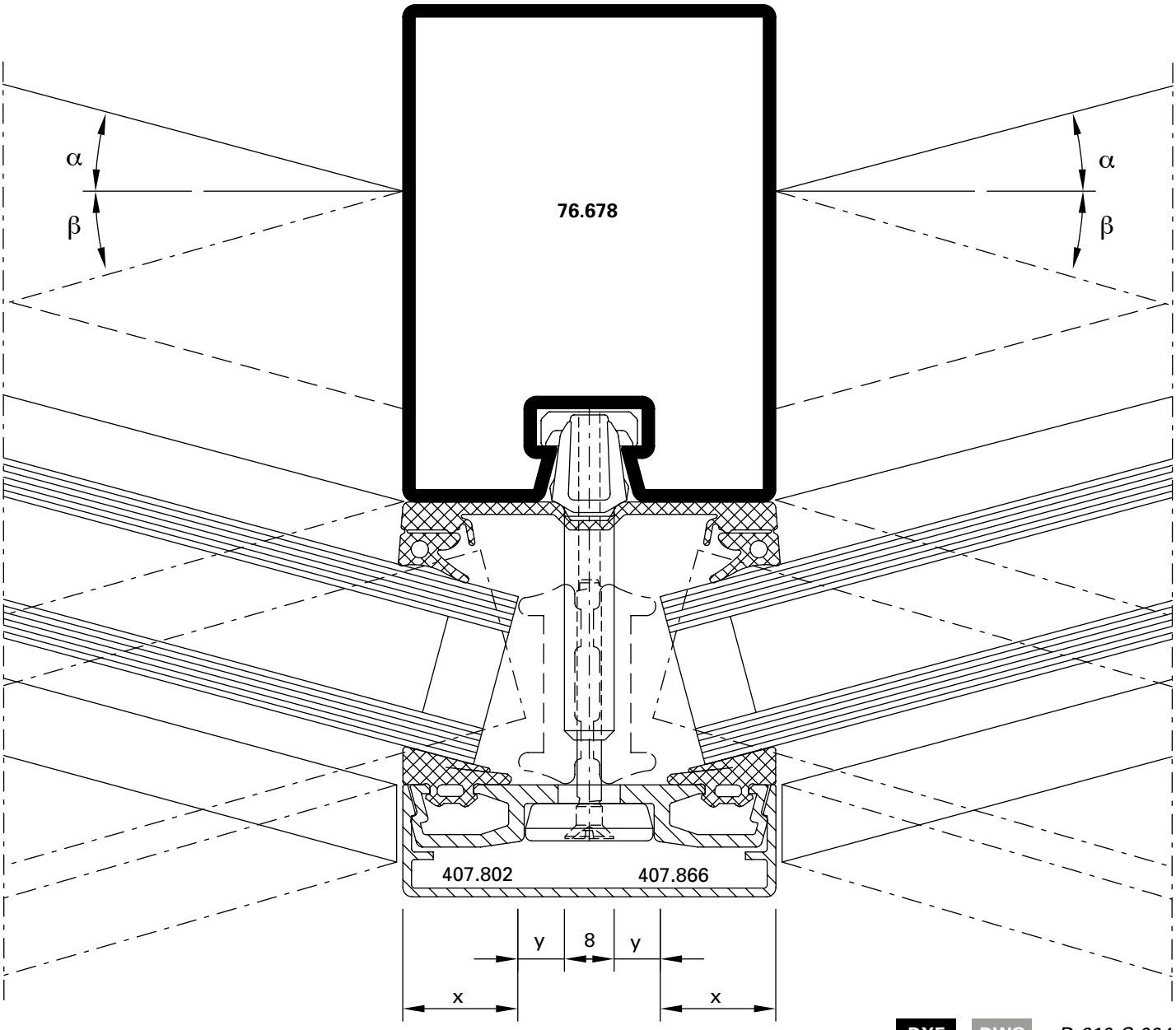
DWG

DXF

**Pfosten-Detail**
**Segmentverglasung 60 mm**

**Détail du montant**
**Vitrage segmenté 60 mm**

**Detail of mullion**
**Segmental glazing, width 60 mm**




**DXF** **DWG** *D-610-C-004*

| α β | Füllelement-dicke | x (max) mm | y (min) mm |
|---|---|---|---|
| 0 – 5° | 20 – 70 mm | 21 | 5 |
| 5 – 10° | 20 – 50 mm | 21 | 5 |
| 10 – 15° | 20 – 35 mm | 21 | 5 |

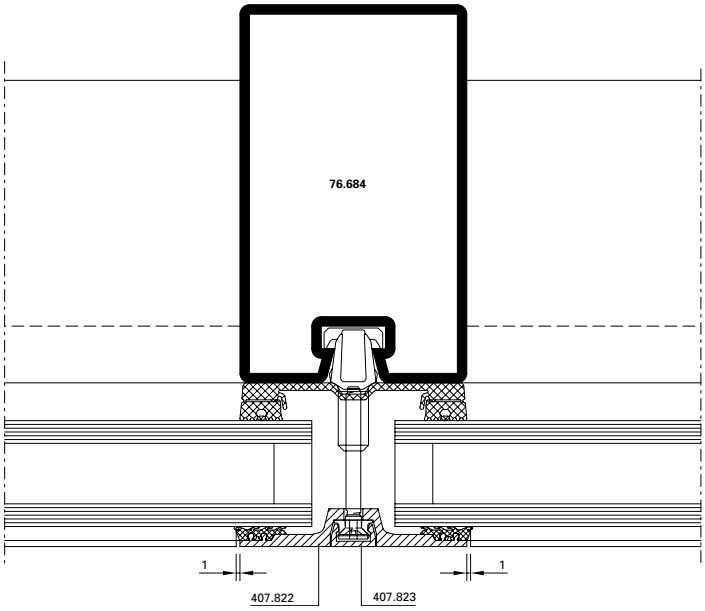
| α β | Epaisseur du remplissage | x (max) mm | y (min) mm |
|---|---|---|---|
| 0 – 5° | 20 – 70 mm | 21 | 5 |
| 5 – 10° | 20 – 50 mm | 21 | 5 |
| 10 – 15° | 20 – 35 mm | 21 | 5 |

| α β | Thickness of glass/panel | x (max) mm | y (min) mm |
|---|---|---|---|
| 0 – 5° | 20 – 70 mm | 21 | 5 |
| 5 – 10° | 20 – 50 mm | 21 | 5 |
| 10 – 15° | 20 – 35 mm | 21 | 5 |

**Pfosten-Detail**
**Flaches Deckprofil**
**Ansichtsbreite 60 mm**

**Détail du montant**
**Profilé de recouvrement plat**
**Largeur de face 60 mm**

**Detail of mullion**
**Flat cover cap**
**Width 60 mm**

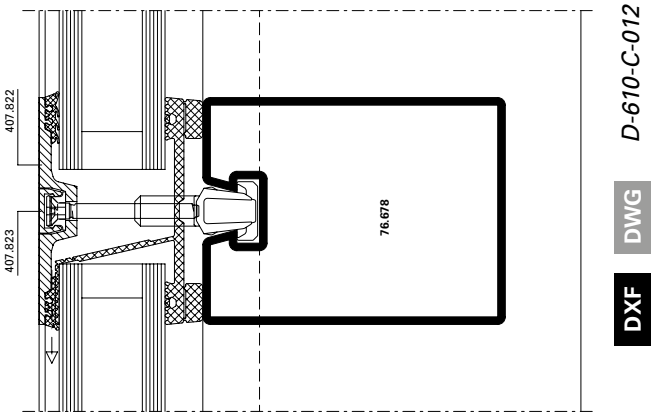



**DXF** **DWG** *D-610-C-011*

**Riegel-Detail**
**Flaches Deckprofil**
**Ansichtsbreite 60 mm**

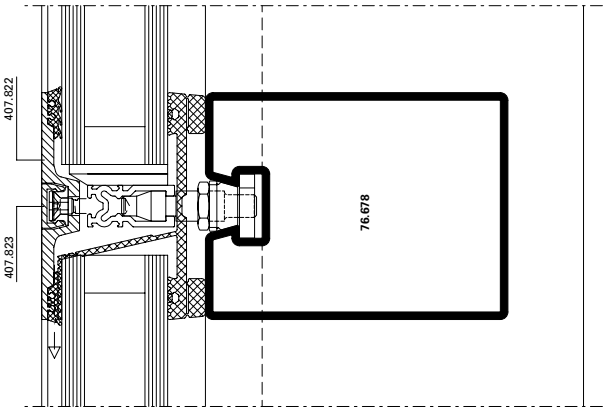
**Détail de la traverse**
**Profilé de recouvrement plat**
**Largeur de face 60 mm**

**Detail of transom**
**Flat cover cap**
**Width 60 mm**




*D-610-C-012*

**DWG** **DXF**



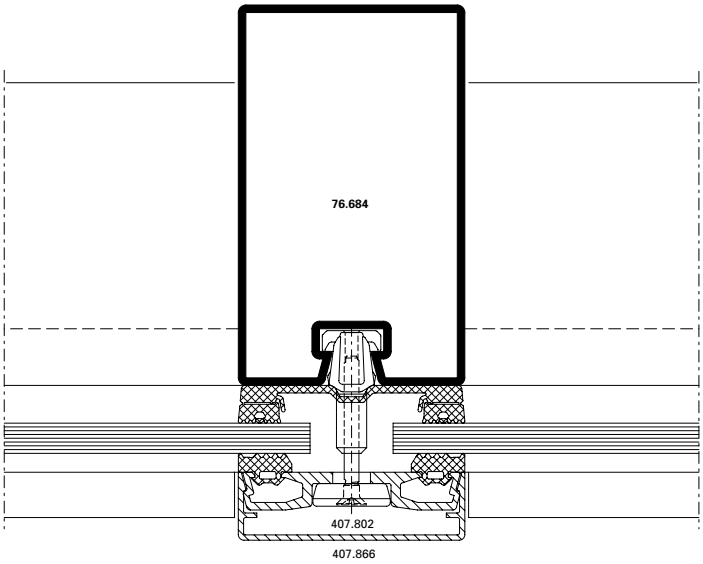

*D-610-C-013*

**DWG** **DXF**

**Pfosten-Detail**
**Einfachverglasung**
**Ansichtsbreite 60 mm**

**Détail du montant**
**Vitrage simple**
**Largeur de face 60 mm**

**Detail of mullion**
**Single glazing**
**Width 60 mm**

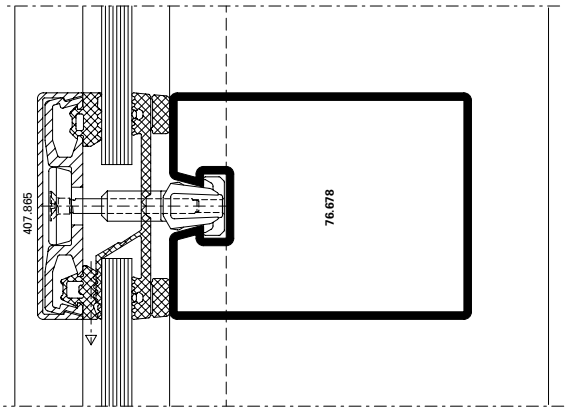



**DXF** **DWG** *D-610-C-008*

**Riegel-Detail**
**Einfachverglasung**
**Ansichtsbreite 60 mm**

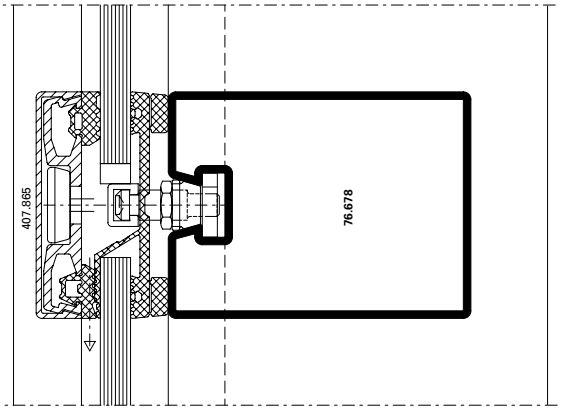
**Détail de la traverse**
**Vitrage simple**
**Largeur de face 60 mm**

**Detail of transom**
**Single glazing**
**Width 60 mm**




*D-610-C-009*

**DWG** **DXF**



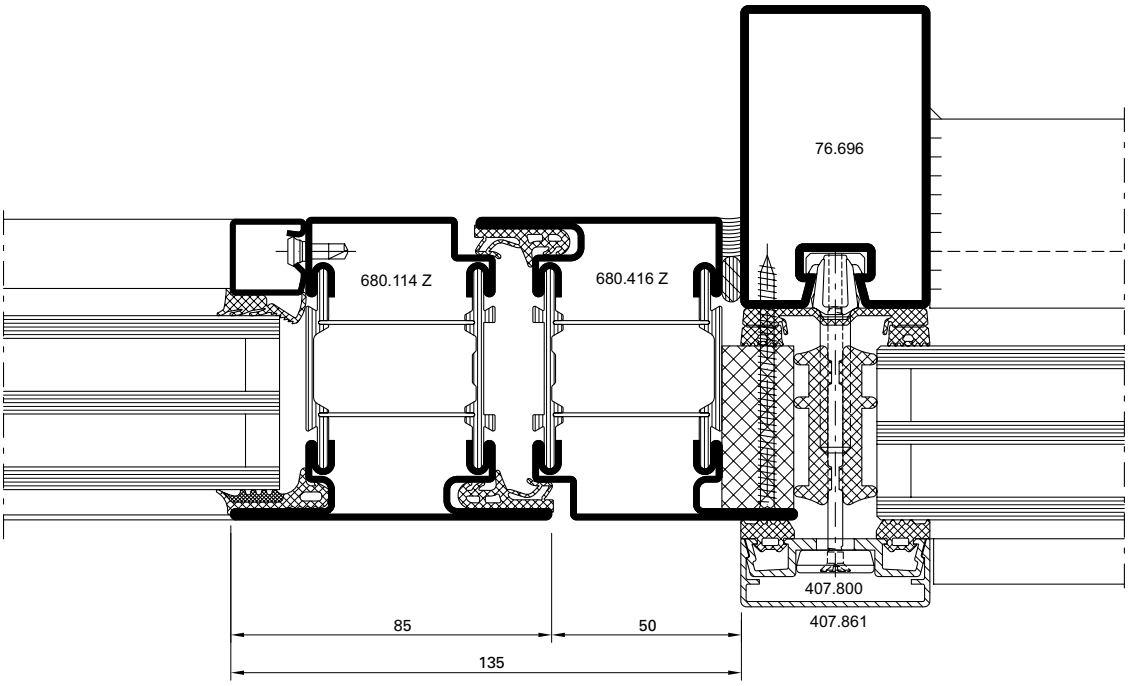

*D-610-C-010*

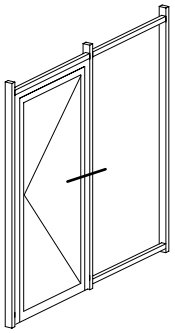
**DWG** **DXF**

**Einsatzelement**
**Janisol HI Türe**

**Elément de remplissage**
**Porte Janisol HI**

**Infill element**
**Janisol HI door**



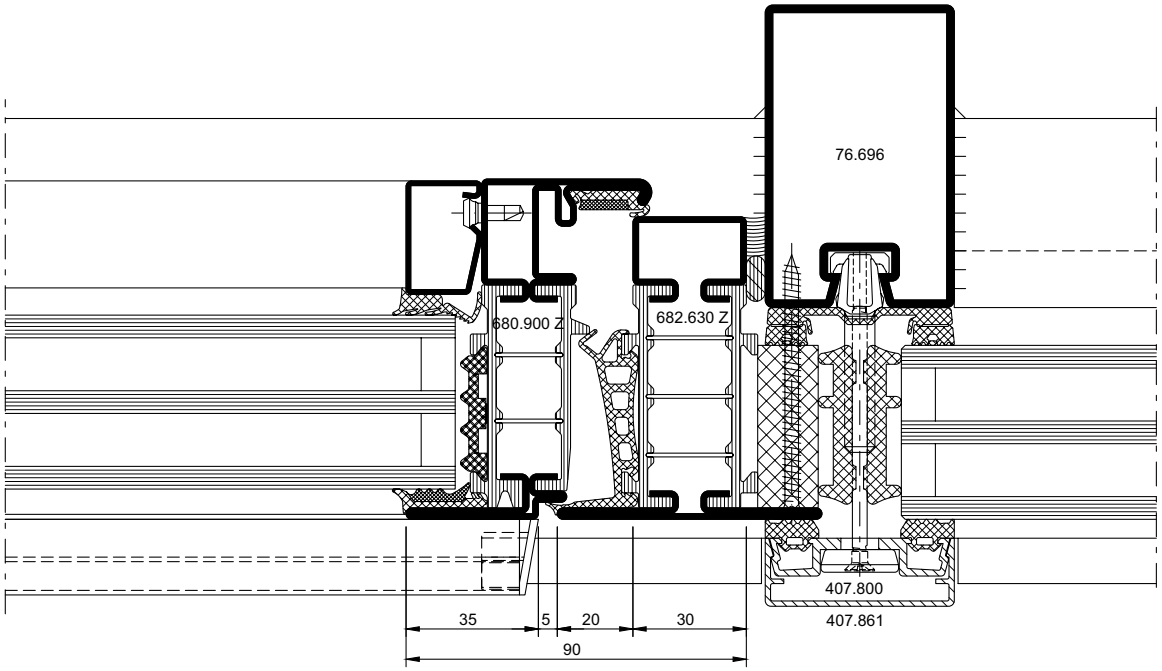
DXF DWG

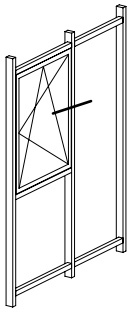
*D-160-A-012*

**Einsatzelement**
**Janisol HI Fenster**

**Elément de remplissage**
**Fenêtre Janisol HI**

**Infill element**
**Janisol HI window**



DXF DWG

*D-161-A-022*

* Bei grossen, schweren und/oder stark frequentierten Türanlagen ist eine zusätzliche Verschraubung im Bandbereich erforderlich.

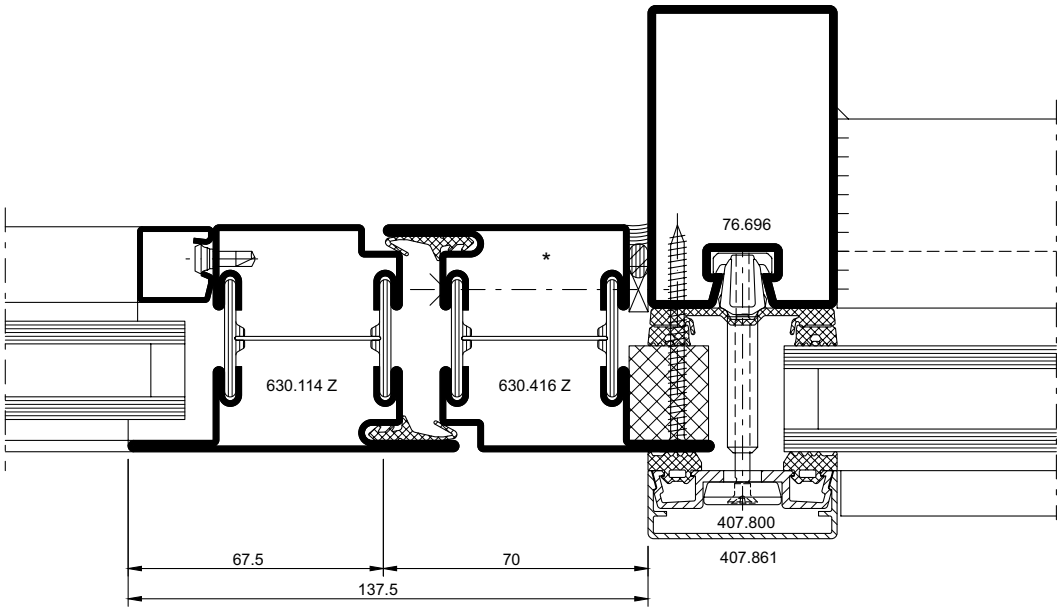
* Pour les portes lourdes de grandes dimensions et/ou fortement fréquentées, un vissage supplémentaire au niveau des paumelles est nécessaire.

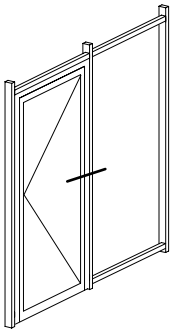
* for large heavy and/or frequently used door systems, additional screw connections are required in the hinge area.

**Einsatzelement**
**Janisol Türe**

**Elément de remplissage**
**Porte Janisol**

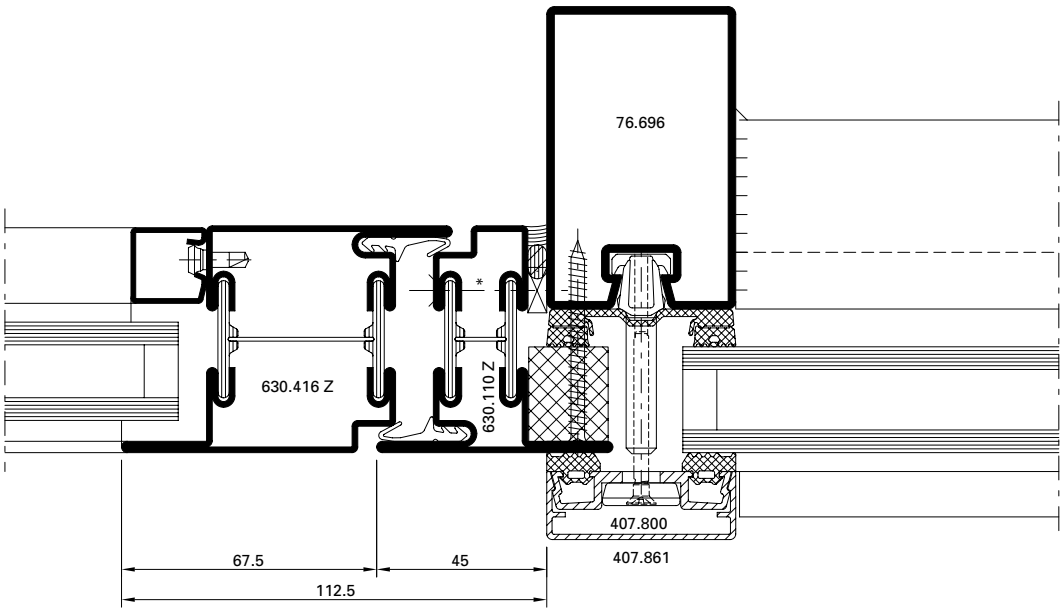
**Infill element**
**Janisol door**

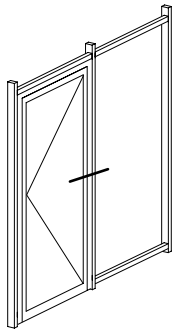


**DXF** DWG

*D-510-K-015*



**DXF** DWG

*D-510-K-007*

* Bei grossen, schweren und/oder stark frequentierten Türanlagen ist eine zusätzliche Verschraubung im Bandbereich erforderlich.

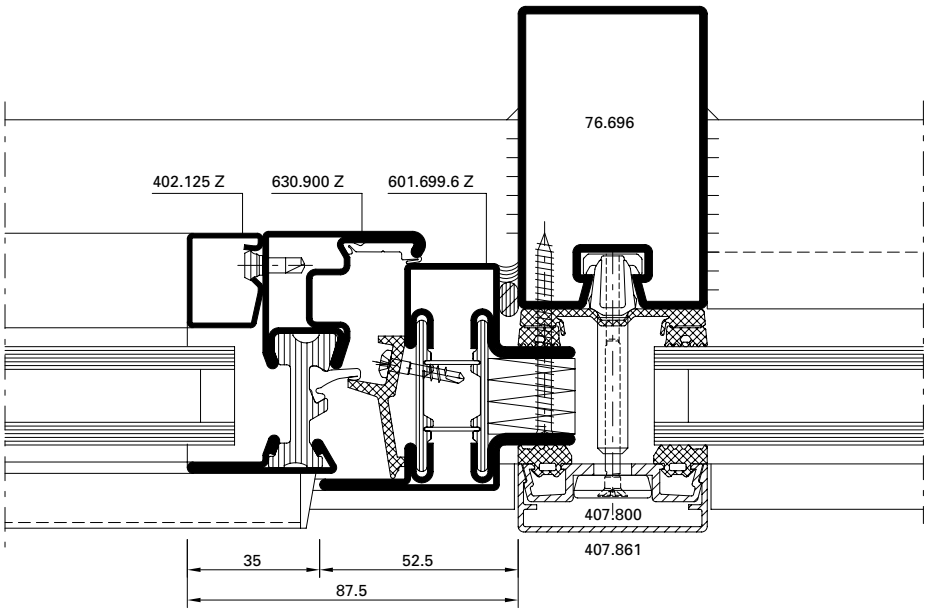
* Pour les portes lourdes de grandes dimensions et/ou fortement fréquentées, un vissage supplémentaire au niveau des paumelles est nécessaire.

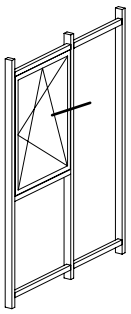
* for large heavy and/or frequently used door systems, additional screw connections are required in the hinge area.

**Einsatzelement**
**Fenster Janisol Primo**

**Elément de remplissage**
**Fenêtre Janisol Primo**

**Infill element**
**Janisol Primo window**



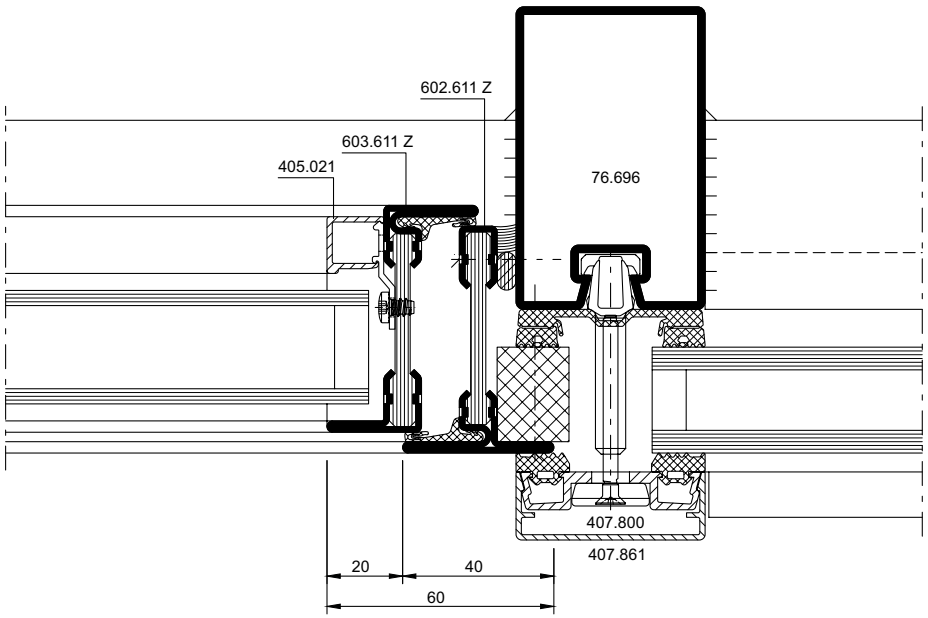
DXF DWG

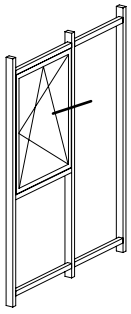
*D-510-K-001*

**Einsatzelement**
**Janisol Arte**

**Elément de remplissage**
**Janisol Arte**

**Infill element**
**Janisol Arte**

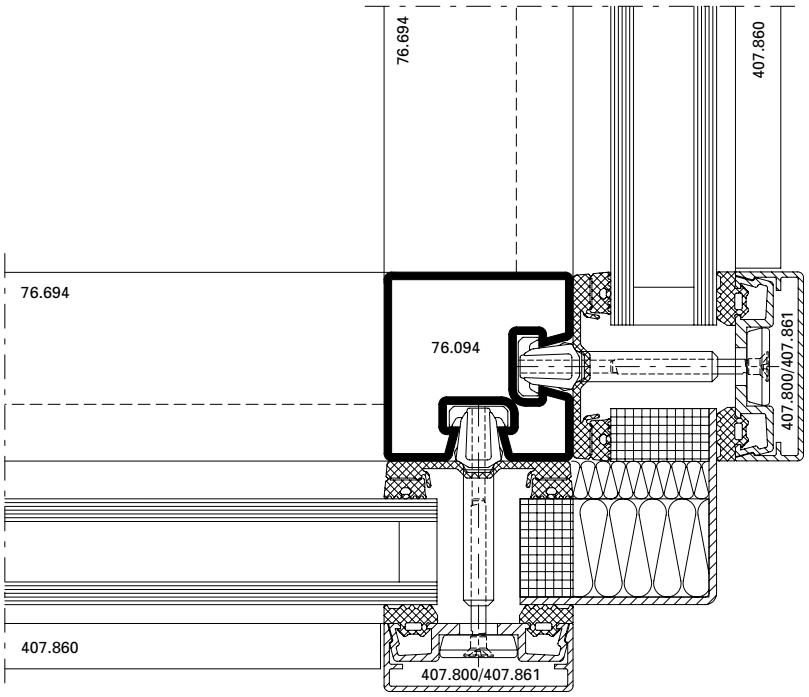


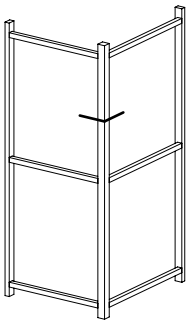



DXF DWG

*D-510-K-016*

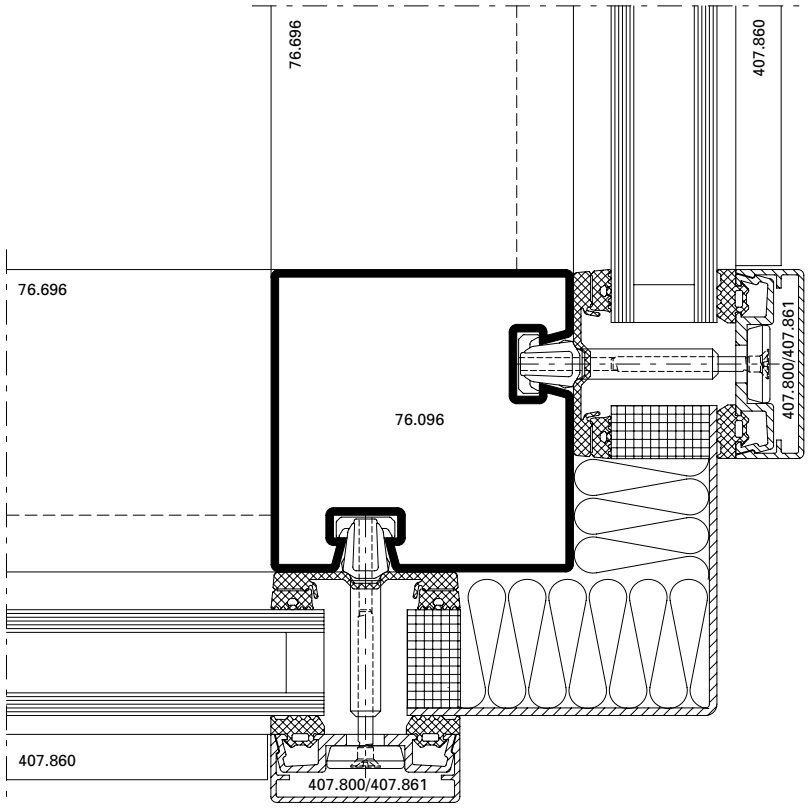
**Aussenecke 90°** **Angle extérieur 90°** **Outer corner 90°**

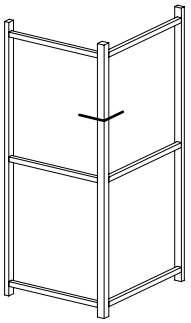


DXF DWG

*D-510-K-011*

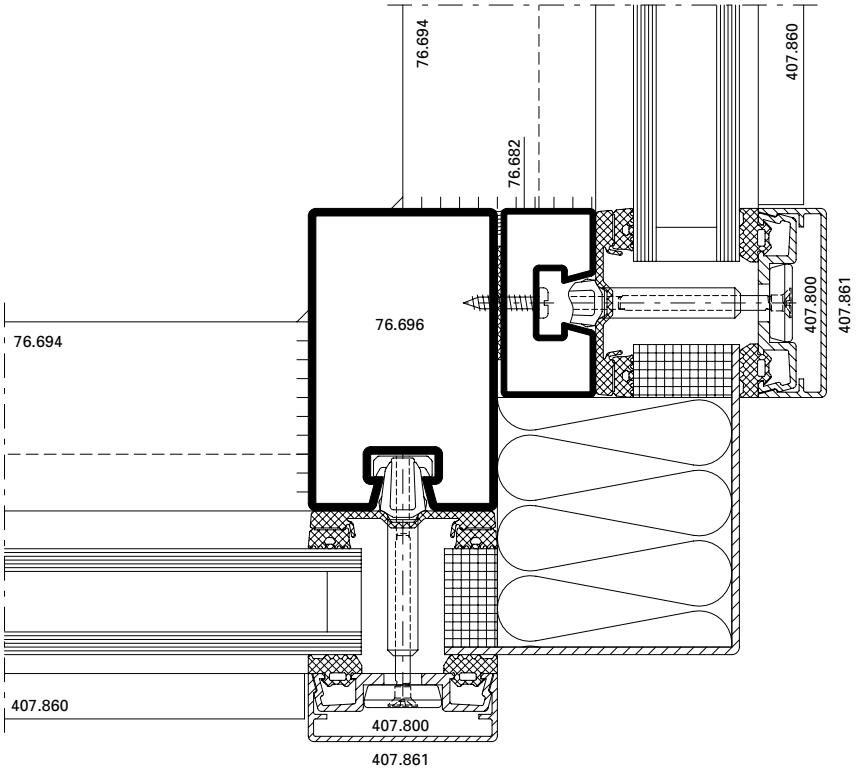


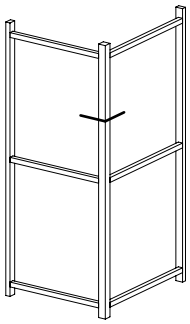



DXF DWG

*D-510-K-012*

**Aussenecke 90°** **Angle extérieur 90°** **Outer corner 90°**



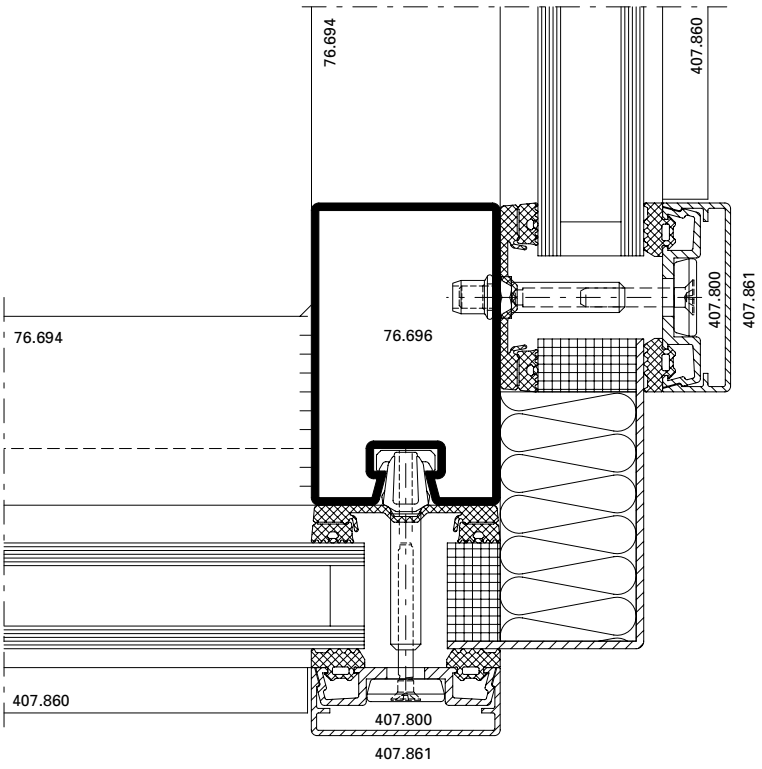
**DXF** **DWG**

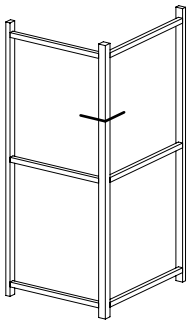
*D-510-K-005*

**Aussenecke 90°**
**(Kombination mit VISS Basic)**

**Angle extérieur 90°**
**(en combinaison avec VISS Basic)**

**Outer corner 90°**
**(in combination with VISS Basic)**

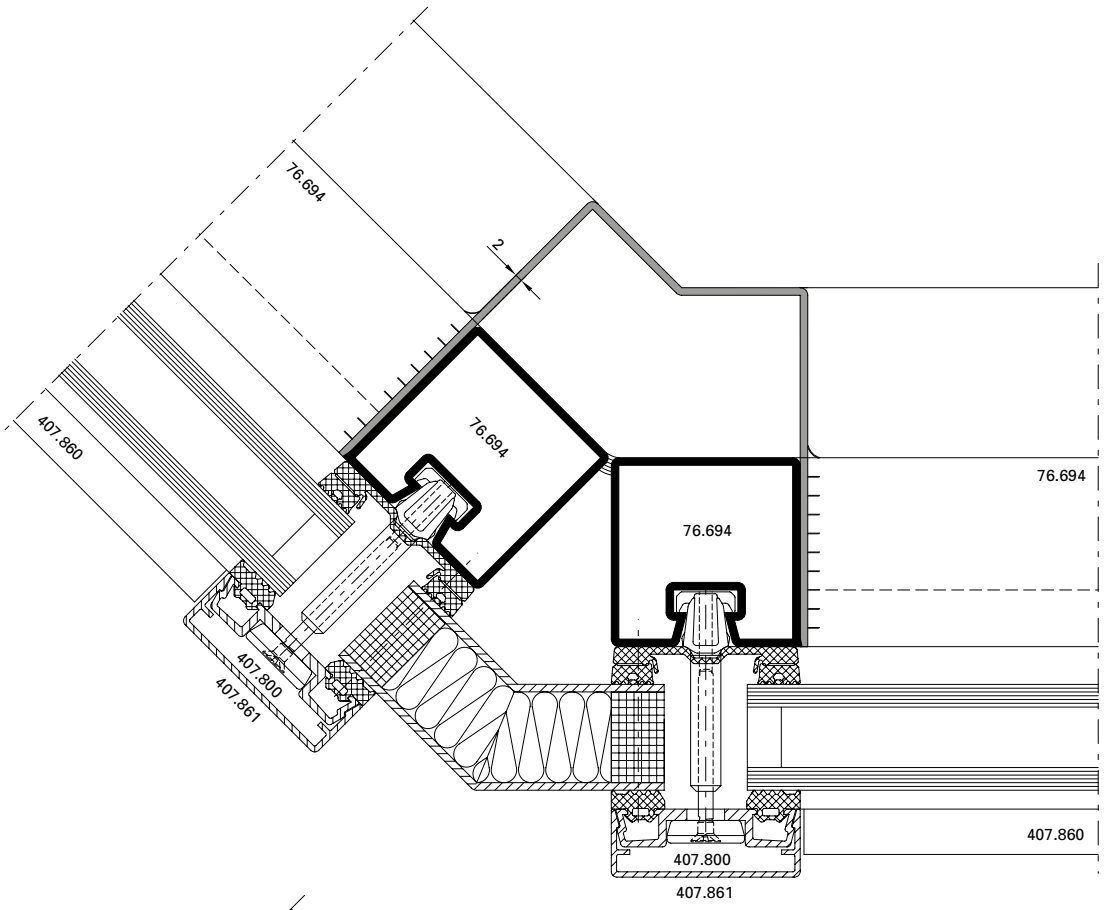


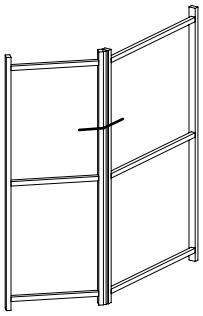



**DXF** **DWG**

*D-510-K-010*

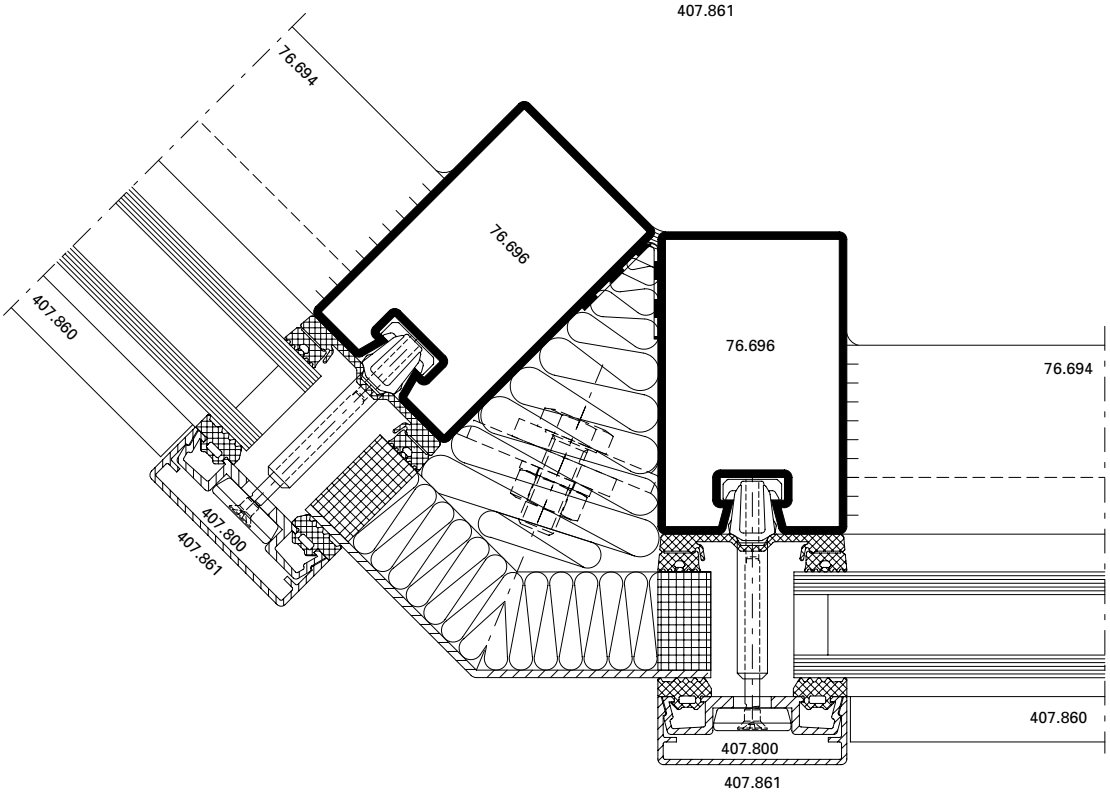
**Aussenecke 135°** **Angle extérieur 135°** **Outer corner 135°**

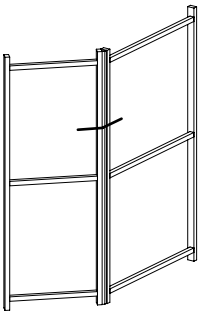


DXF DWG

*D-510-K-003*

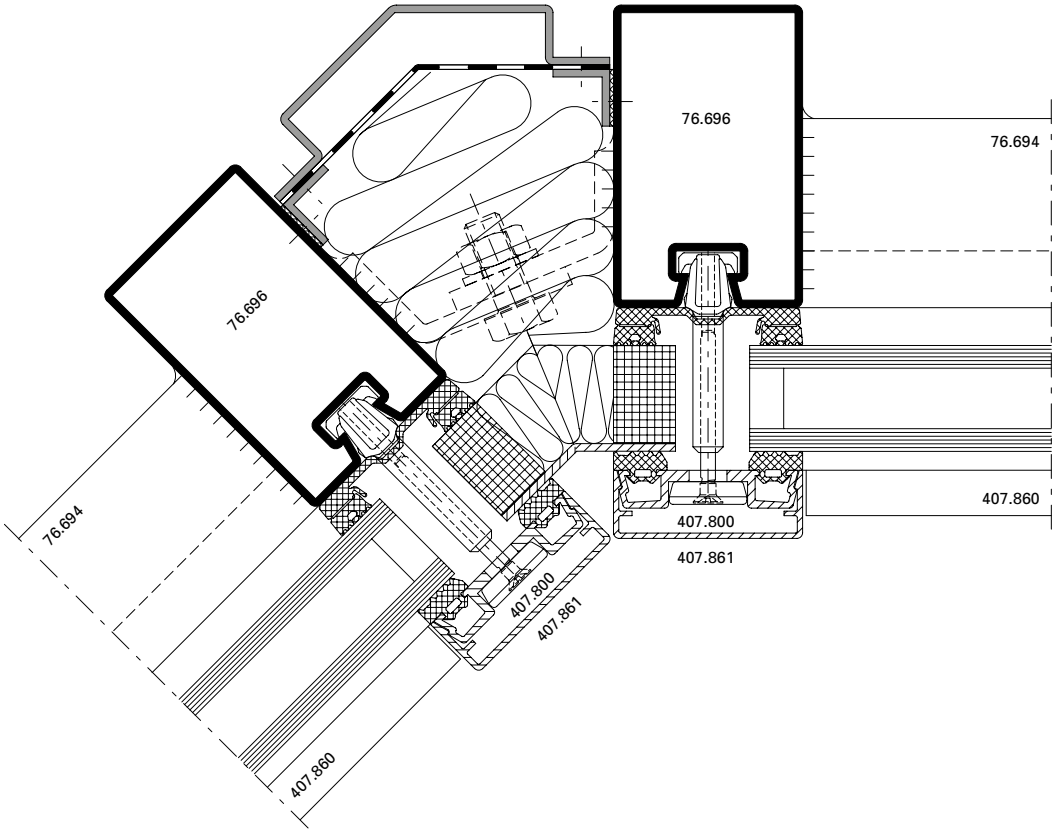


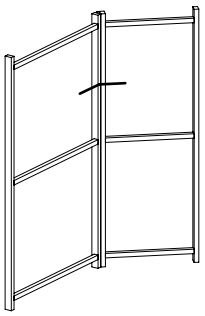



DXF DWG

*D-510-K-004*

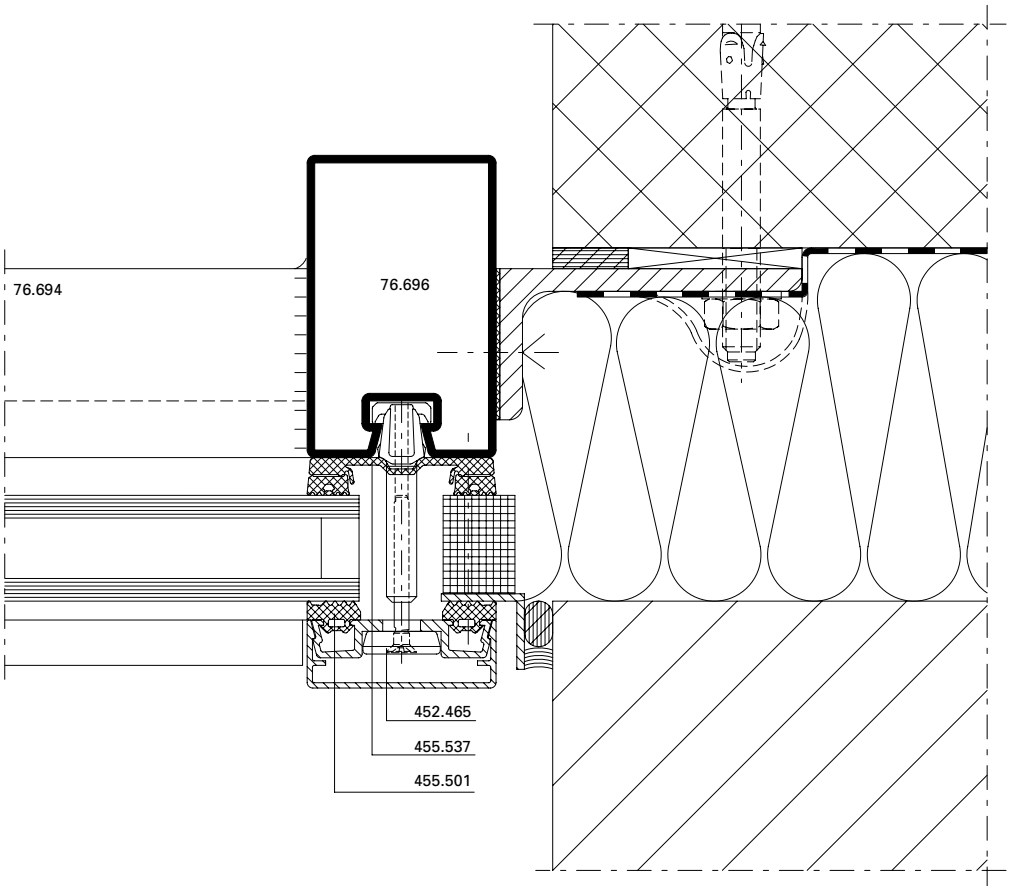
**Innenecke 135°** **Angle intérieur 135°** **Inner corner 135°**

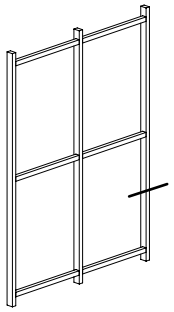


**DXF** DWG

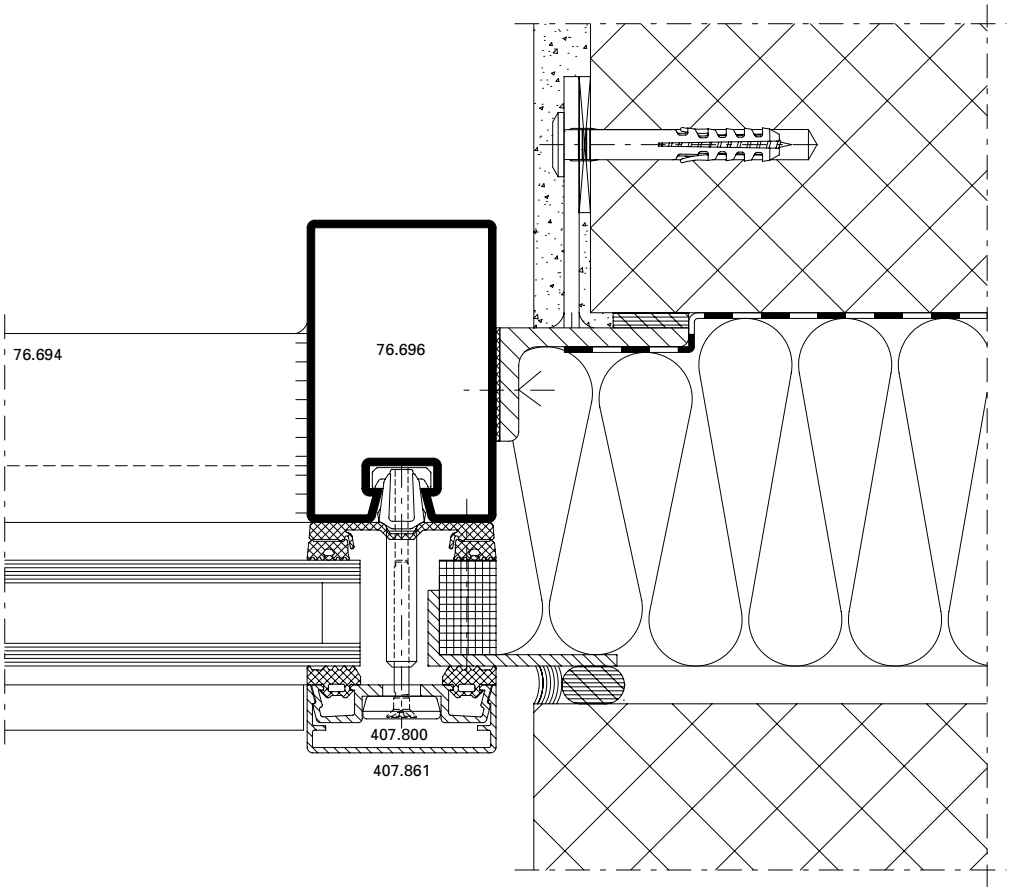
*D-510-K-009*

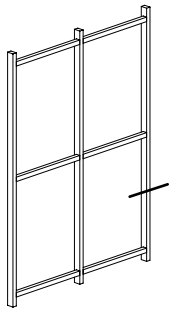


**DXF** DWG

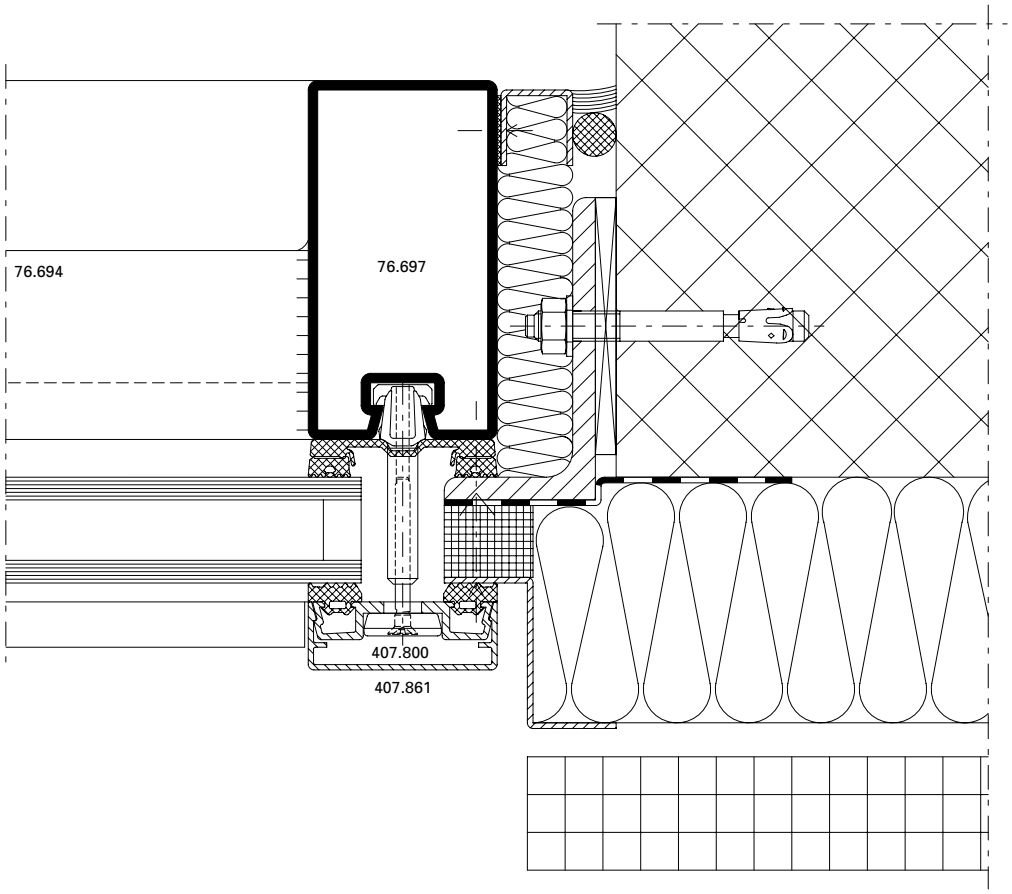
*D-510-A-001*

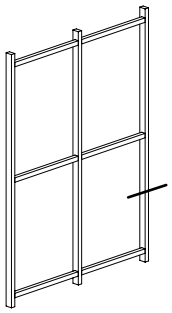


**DXF** DWG

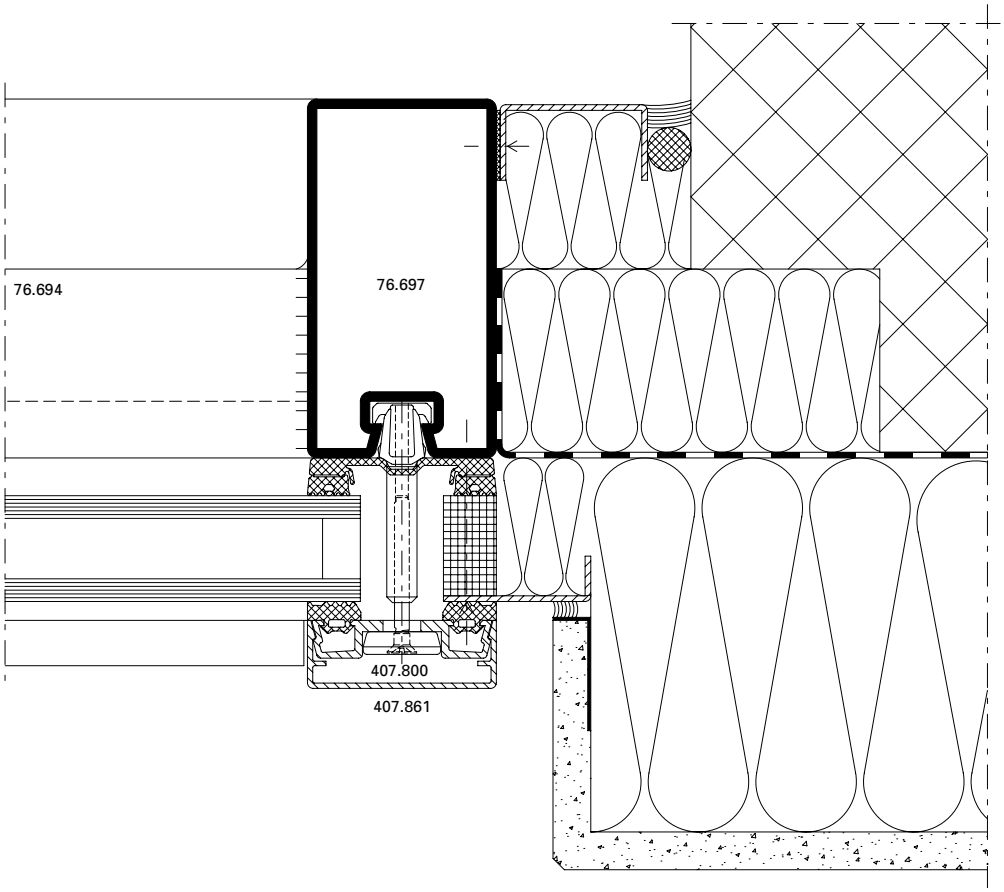
*D-510-A-002*

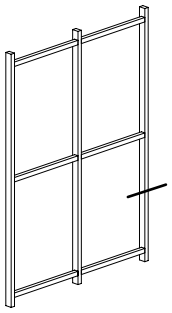


DXF DWG

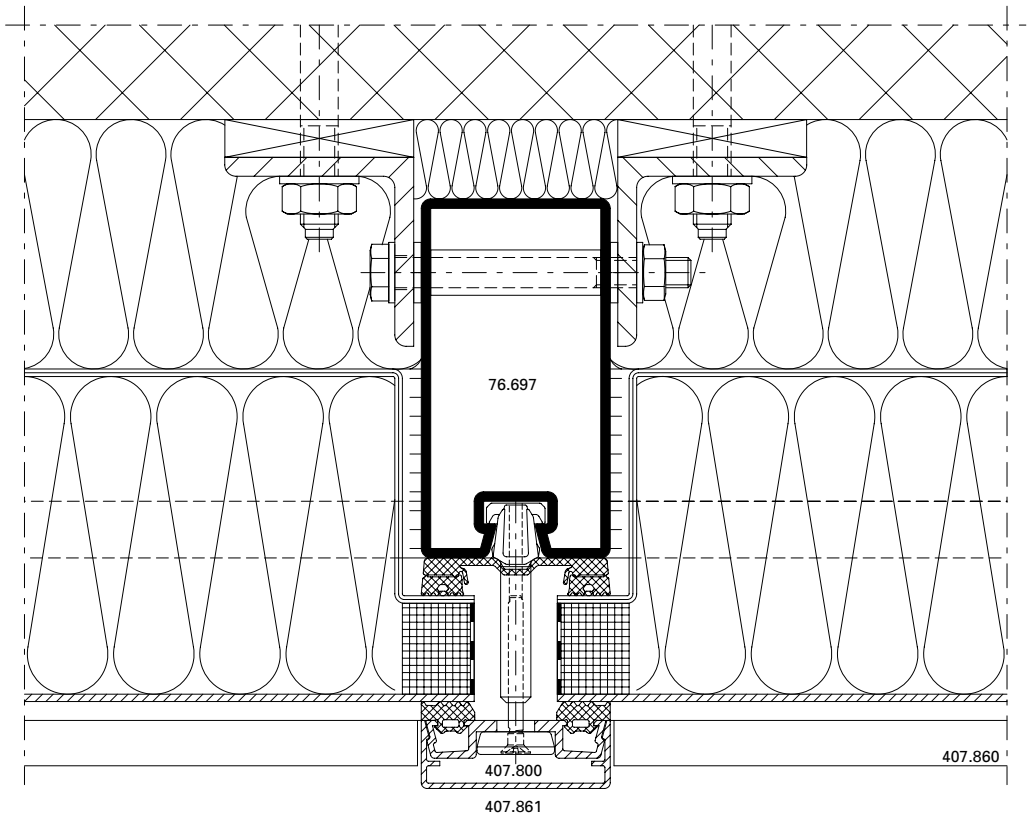
*D-510-A-003*

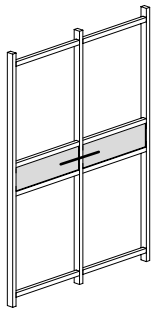


DXF DWG

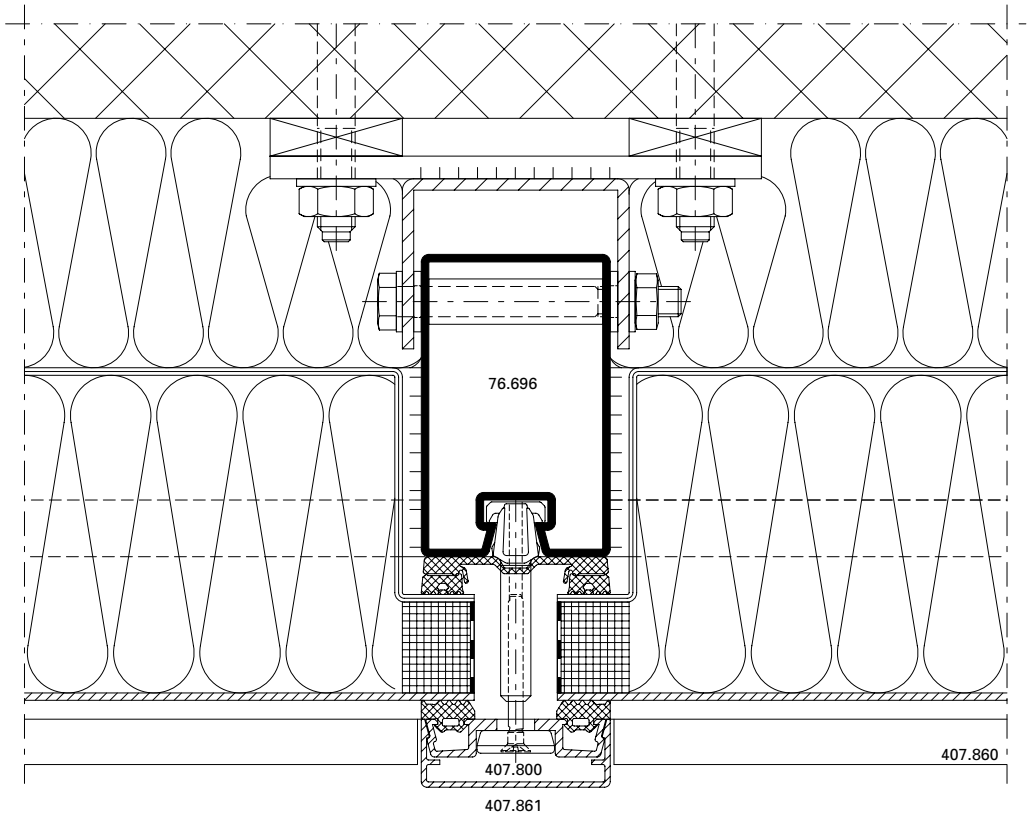
*D-510-A-004*

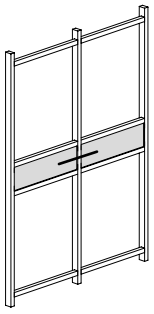


**DXF** **DWG**

*D-510-A-005*



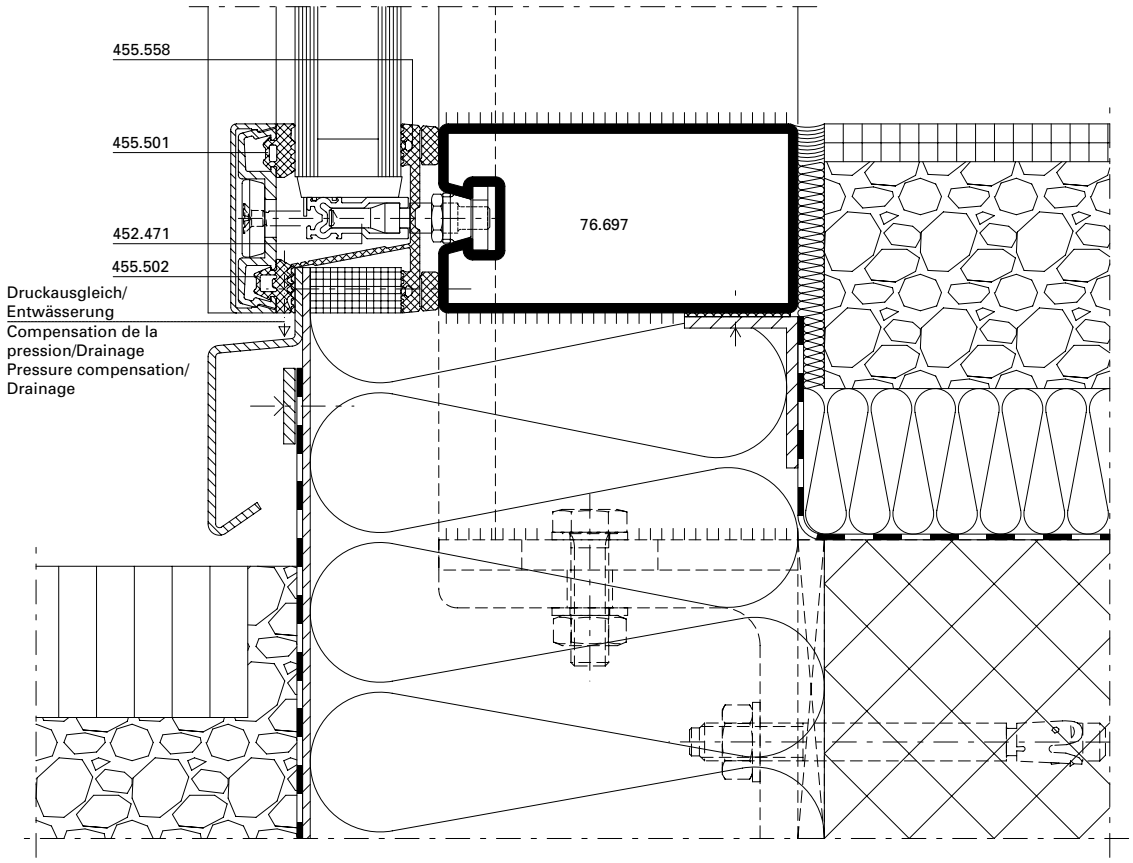



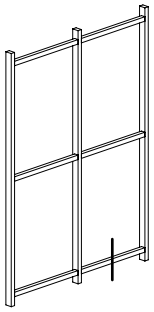
**DXF** **DWG**

*D-510-A-006*

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

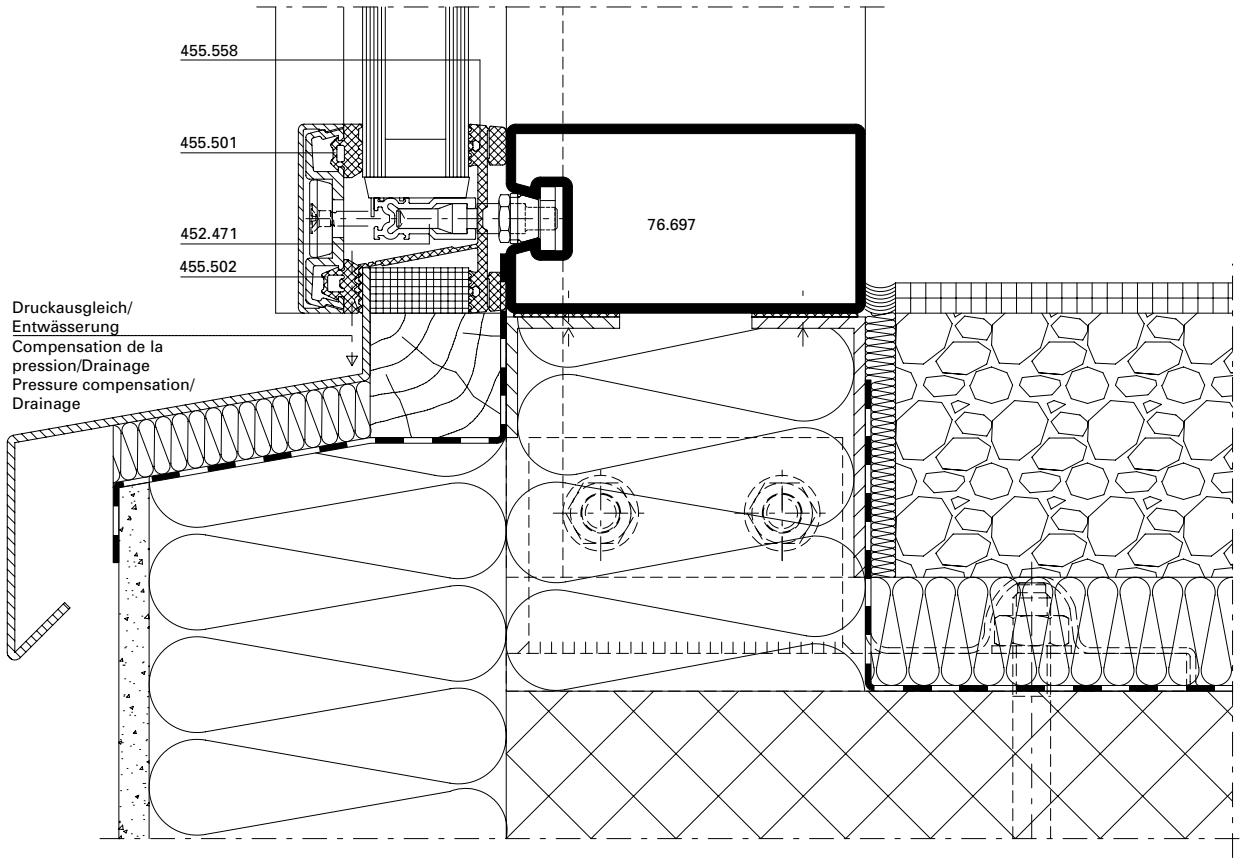
VISS Fassade
VISS façade
VISS façade

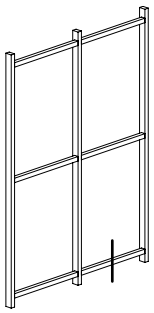


DXF DWG

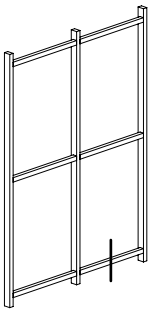
*D-510-A-007*

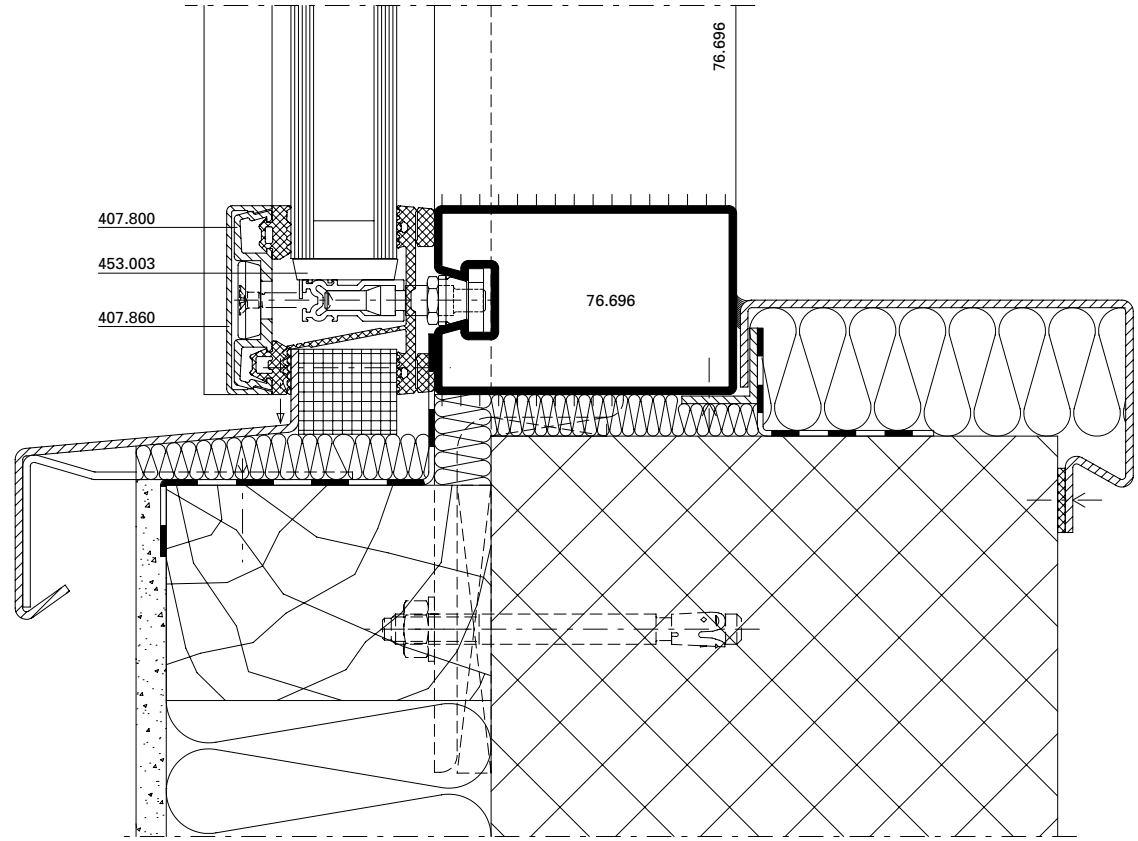


DXF DWG

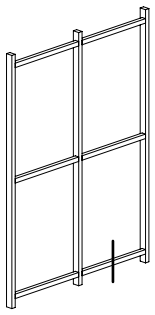
*D-510-A-008*

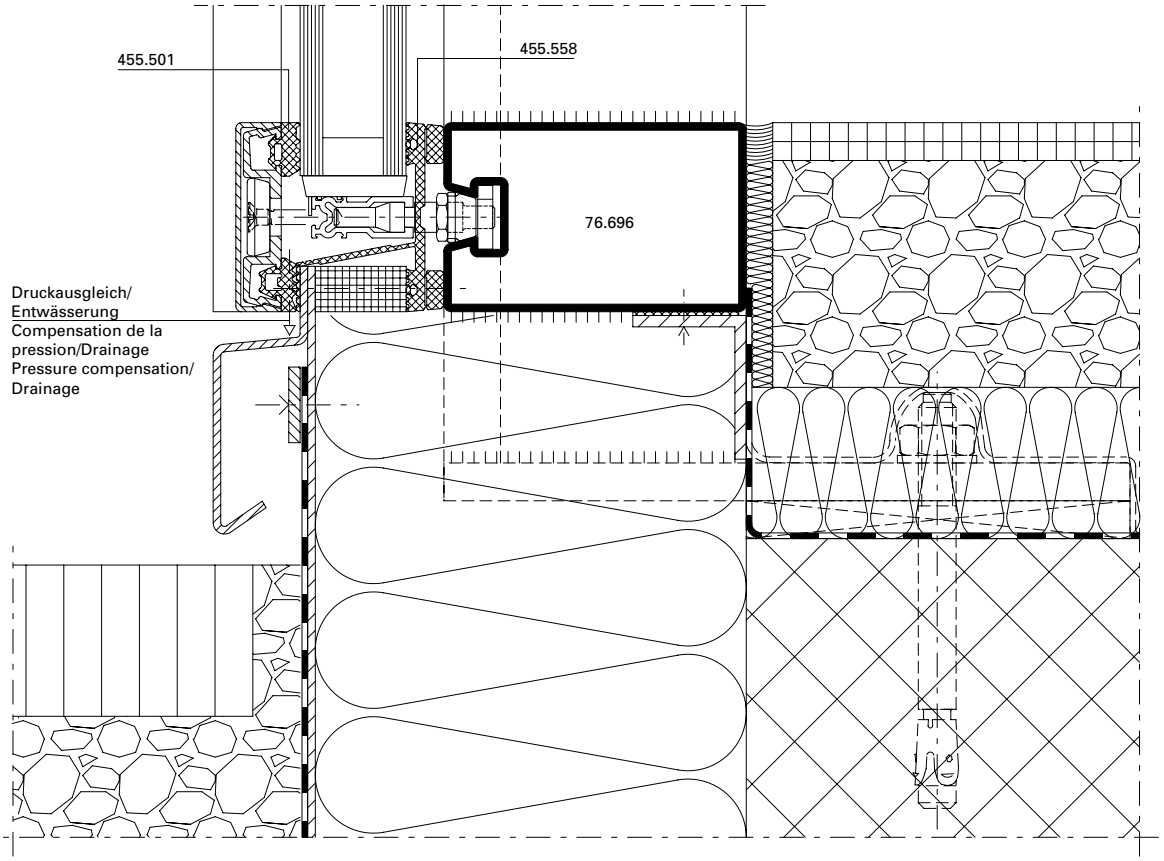





DXF DWG

*D-510-A-009*



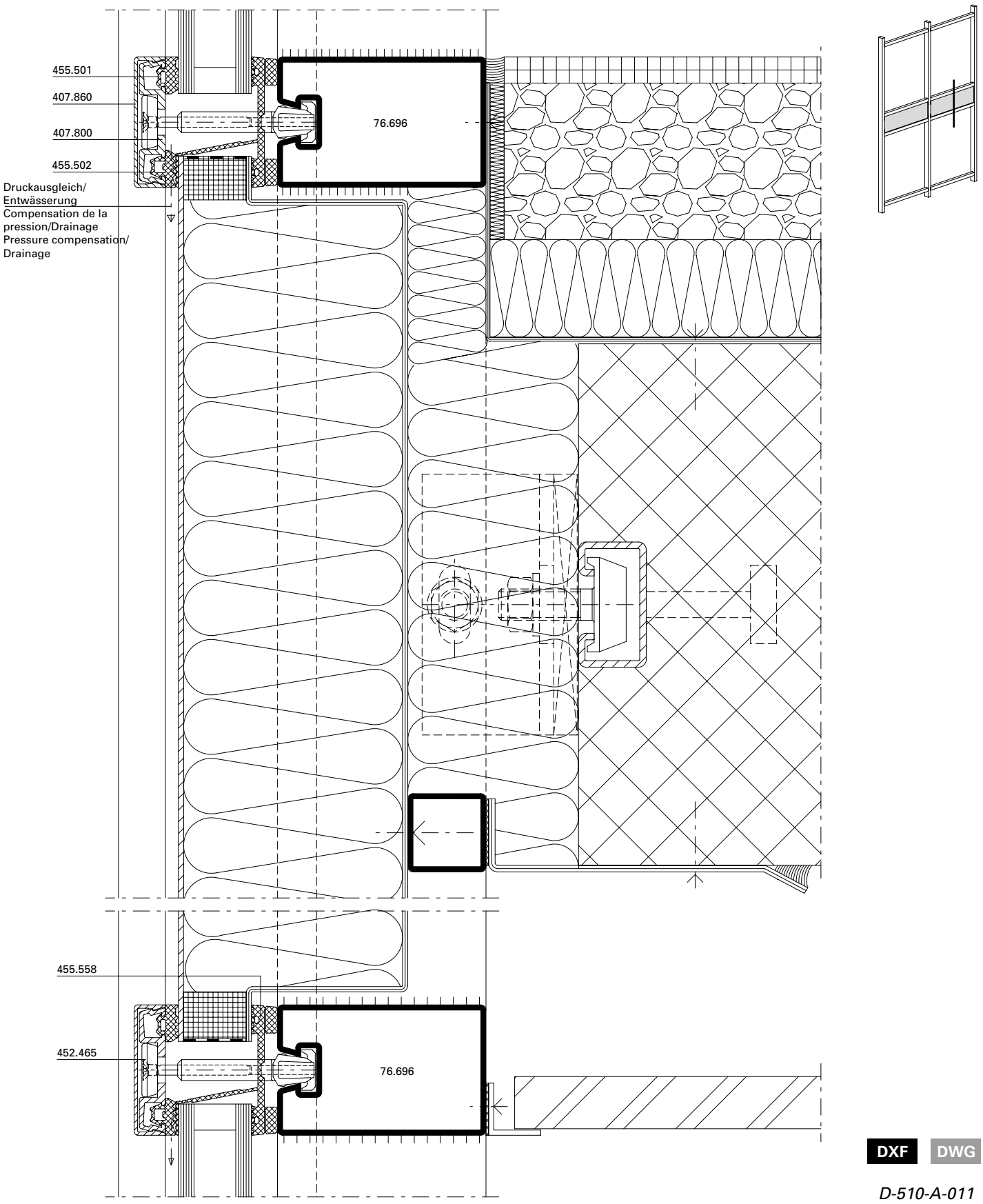



DXF DWG

*D-510-A-010*

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

VISS Fassade
VISS façade
VISS façade






DXF DWG

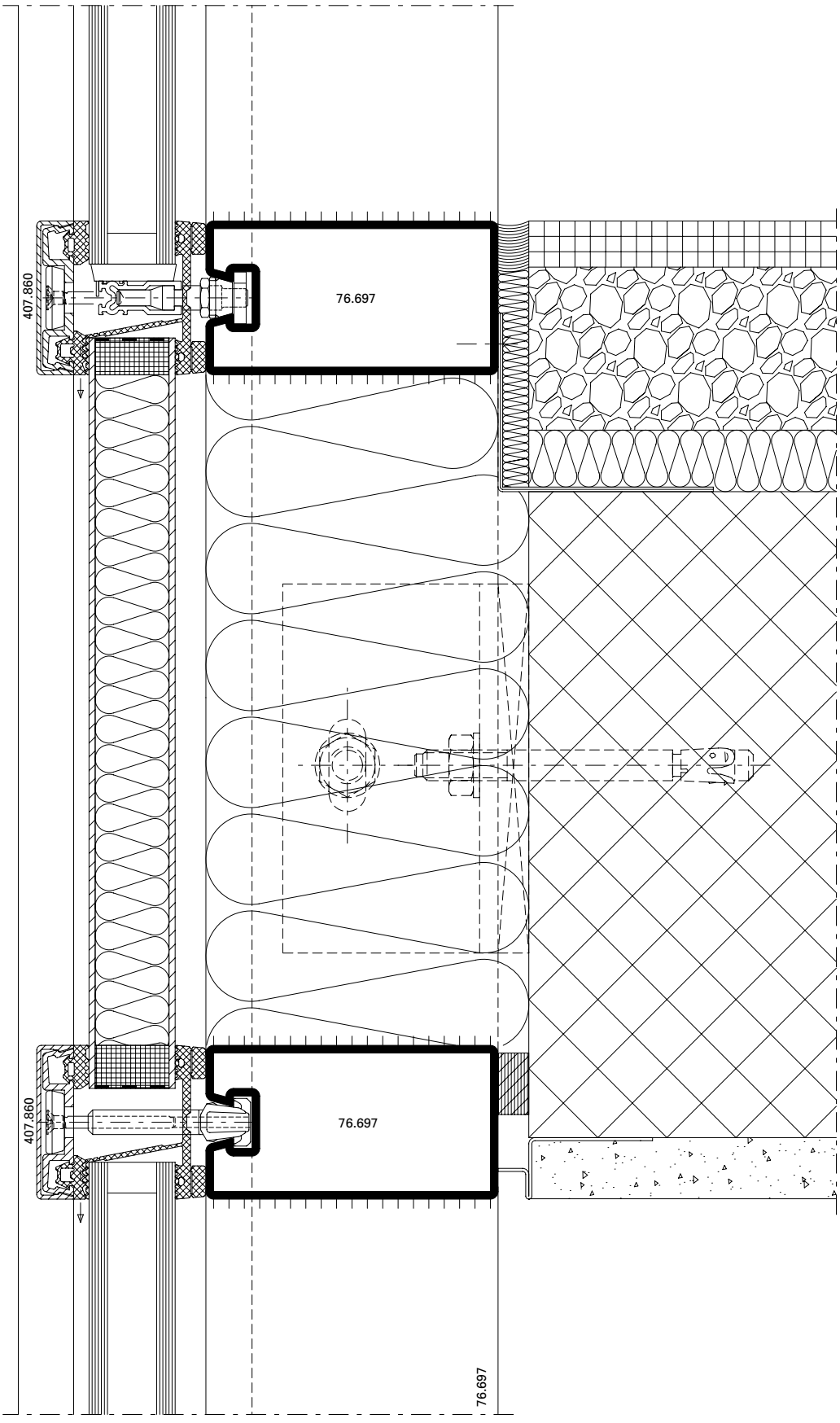
*D-510-A-011*

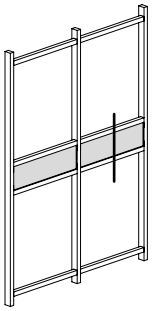


JANSEN

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

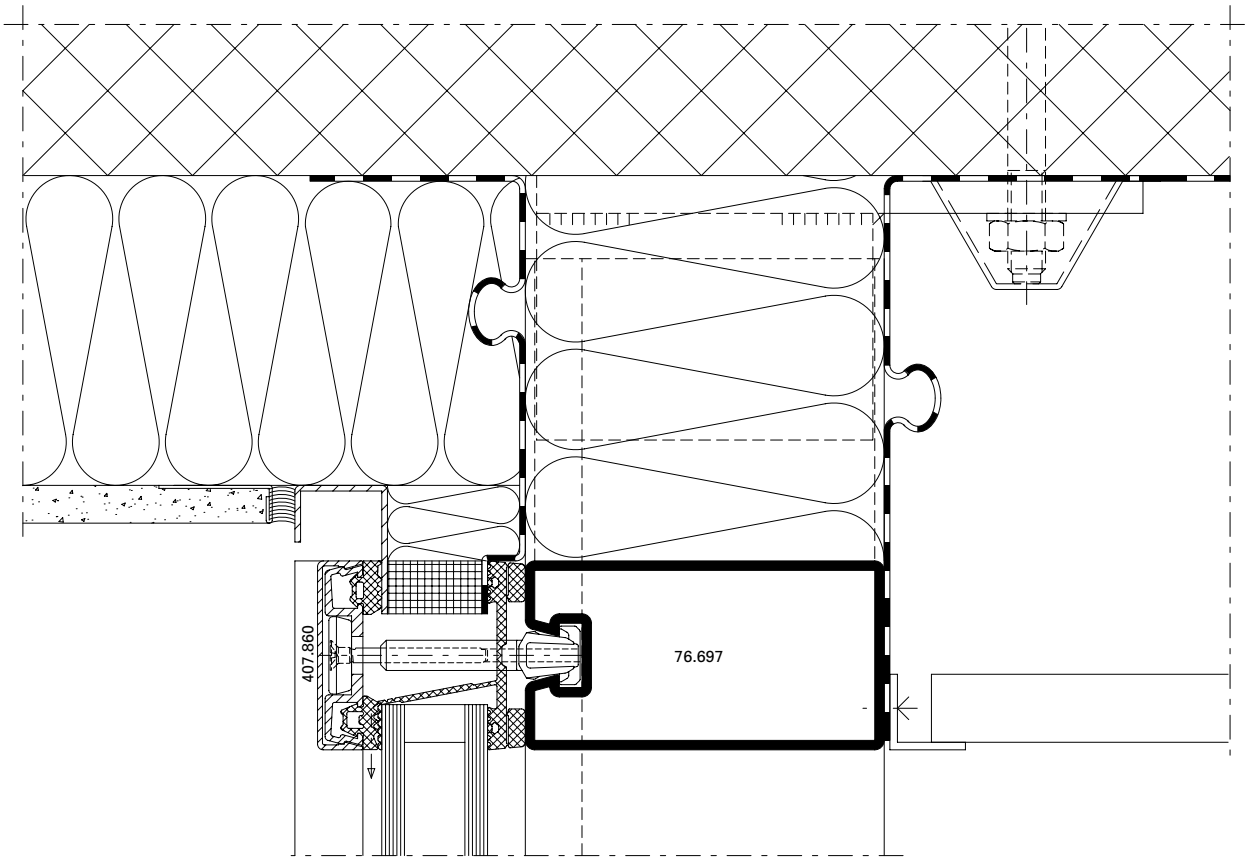
VISS Fassade
VISS façade
VISS façade

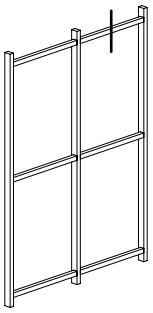


DXF DWG

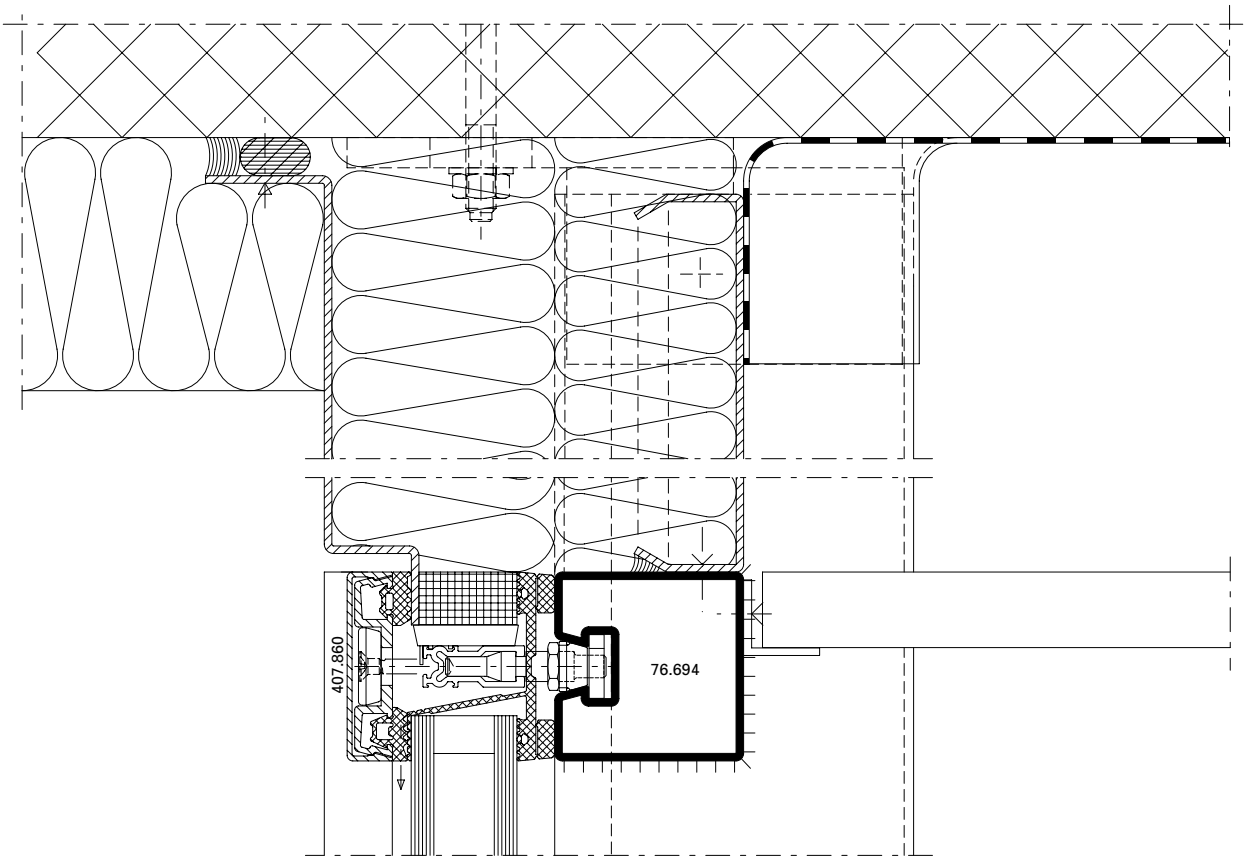
*D-510-A-012*

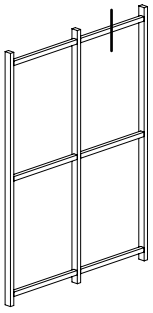


DXF DWG

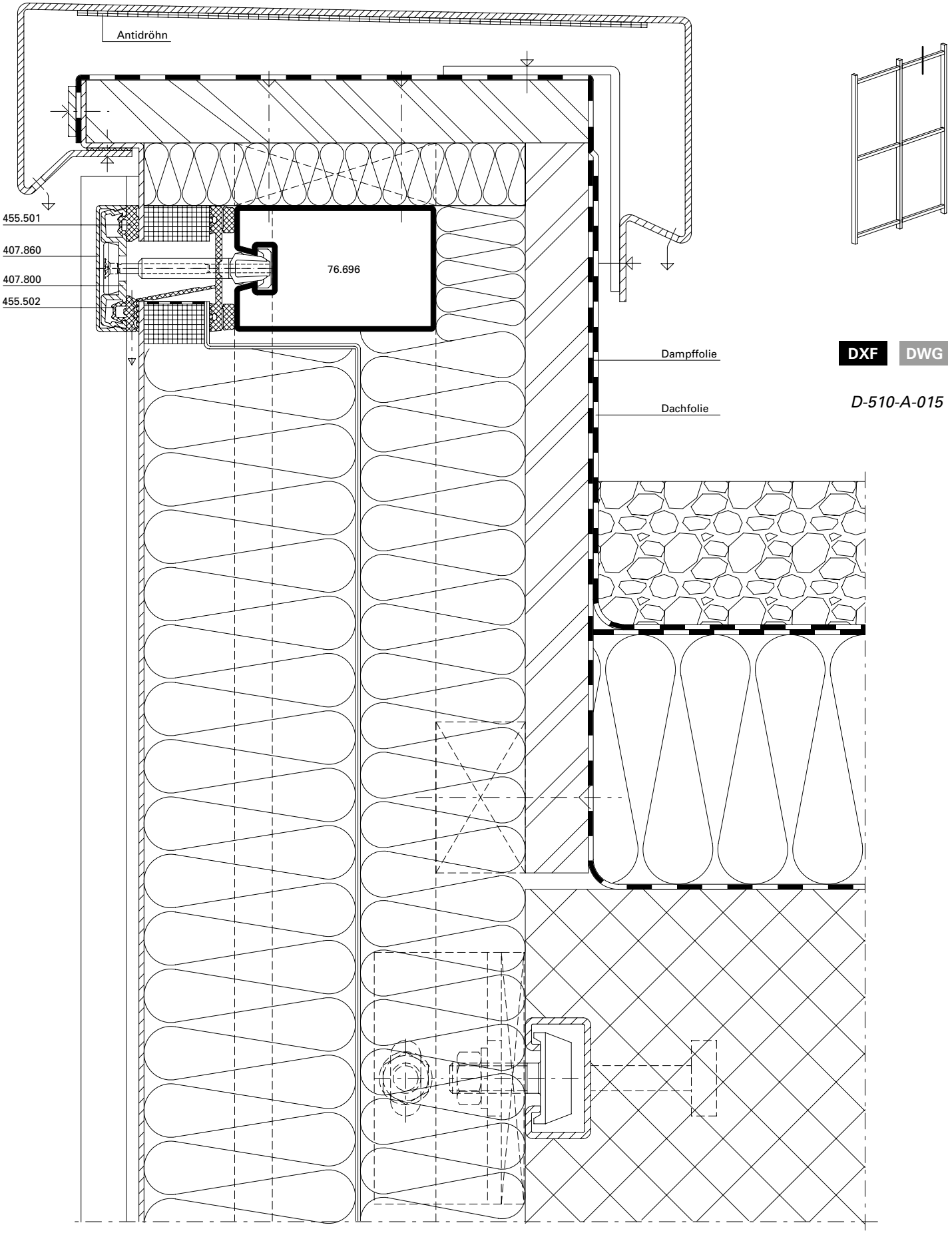
*D-510-A-013*



DXF DWG

*D-510-A-014*






DXF DWG

*D-510-A-015*

**VISS HI 50 mm**
**mit Dämmprofil**

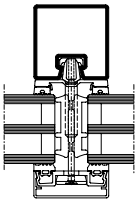
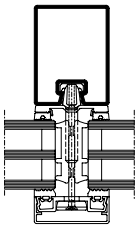
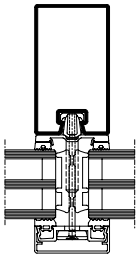
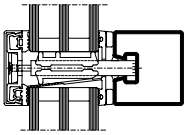
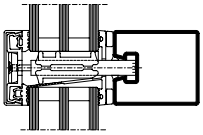
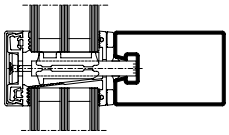
**$U_f$-Werte nach EN 10077-2**

**VISS HI 50 mm**
**avec gaine isolante**

**Valeurs $U_f$ selon EN 10077-2**

**VISS HI 50 mm**
**with insulating core**

**$U_f$ values according to 10077-2**

| **Glas**<br>**Verre**<br>**Glass** |  <br>Pfosten 50/50<br>Montant 50/50<br>Mullion 50/50 |  <br>Pfosten 50/120<br>Montant 50/129<br>Mullion 50/120 |  <br>Pfosten 50/140<br>Montant 50/140<br>Mullion 50/140 |  <br>Riegel 50/50<br>Traverse 50/50<br>Transom 50/50 |  <br>Riegel 50/120<br>Traverse 50/120<br>Transom 50/120 |  <br>Riegel 50/140<br>Traverse 50/140<br>Transom 50/140 |
|---|---|---|---|---|---|---|
| 30 mm | **0,94 W/m²K** | **0,96 W/m²K** | **0,97 W/m²K** | **1,0 W/m²K** | **1,0 W/m²K** | **1,0 W/m²K** |
| 40 mm | **0,77 W/m²K** | **0,79 W/m²K** | **0,79 W/m²K** | **0,85 W/m²K** | **0,86 W/m²K** | **0,86 W/m²K** |
| 50 mm | **0,64 W/m²K** | **0,65 W/m²K** | **0,65 W/m²K** | **0,73 W/m²K** | **0,74 W/m²K** | **0,74 W/m²K** |
| 60 mm | **0,58 W/m²K** | **0,59 W/m²K** | **0,59 W/m²K** | **0,65 W/m²K** | **0,66 W/m²K** | **0,66 W/m²K** |
| 70 mm | **0,53 W/m²K** | **0,53 W/m²K** | **0,53 W/m²K** | **0,60 W/m²K** | **0,60 W/m²K** | **0,60 W/m²K** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS HI 60 mm**
**mit Dämmprofil**

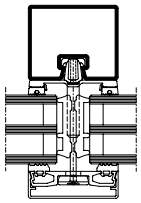
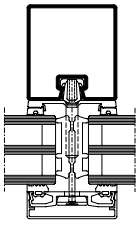
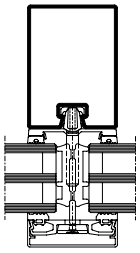
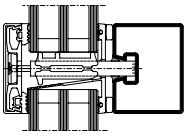
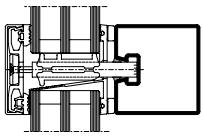
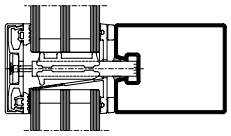
**$U_f$-Werte nach EN 10077-2**

**VISS HI 60 mm**
**avec gaine isolante**

**Valeurs $U_f$ selon EN 10077-2**

**VISS HI 60 mm**
**with insulating core**

**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas**<br>**Verre**<br>**Glass** | Pfosten 60/50<br>Montant 60/50<br>Mullion 60/50 | Pfosten 60/100<br>Montant 60/100<br>Mullion 60/100 | Pfosten 60/150<br>Montant 60/150<br>Mullion 60/150 | Riegel 60/50<br>Traverse 60/50<br>Transom 60/50 | Riegel 60/100<br>Traverse 60/100<br>Transom 60/100 | Riegel 60/150<br>Traverse 60/150<br>Transom 60/150 |
| 30 mm | **0,92 W/m²K** | **0,94 W/m²K** | **0,95 W/m²K** | **0,97 W/m²K** | **0,98 W/m²K** | **0,99 W/m²K** |
| 40 mm | **0,75 W/m²K** | **0,76 W/m²K** | **0,76 W/m²K** | **0,82 W/m²K** | **0,84 W/m²K** | **0,84 W/m²K** |
| 50 mm | **0,62 W/m²K** | **0,63 W/m²K** | **0,63 W/m²K** | **0,70 W/m²K** | **0,71 W/m²K** | **0,72 W/m²K** |
| 60 mm | **0,55 W/m²K** | **0,56 W/m²K** | **0,56 W/m²K** | **0,63 W/m²K** | **0,64 W/m²K** | **0,64 W/m²K** |
| 70 mm | **0,50 W/m²K** | **0,50 W/m²K** | **0,51 W/m²K** | **0,58 W/m²K** | **0,59 W/m²K** | **0,59 W/m²K** |

| **Glas**<br>**Verre**<br>**Glass** | **76.140**<br>Pfosten 60/180<br>Montant 60/180<br>Mullion 60/180 | **76.141**<br>Pfosten 60/220<br>Montant 60/220<br>Mullion 60/220 | **76.142**<br>Pfosten 60/280<br>Montant 60/280<br>Mullion 60/280 | **76.140**<br>Riegel 60/180<br>Traverse 60/180<br>Transom 60/180 | **76.141**<br>Riegel 60/220<br>Traverse 60/220<br>Transom 60/220 | **76.142**<br>Riegel 60/280<br>Traverse 60/280<br>Transom 60/280 |
|---|---|---|---|---|---|---|
| 50 mm | **0,63 W/m²K** | **0,64 W/m²K** | **0,64 W/m²K** | **0,72 W/m²K** | **0,72 W/m²K** | **0,72 W/m²K** |
| 70 mm | **0,51 W/m²K** | **0,51 W/m²K** | **0,51 W/m²K** | **0,59 W/m²K** | **0,59 W/m²K** | **0,59 W/m²K** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS HI 50 mm**
**mit Dämmprofil**
**Flaches Deckprofil**

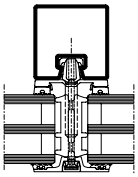
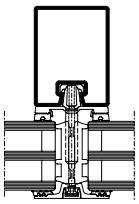
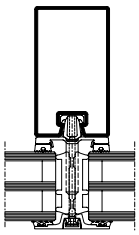
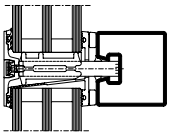
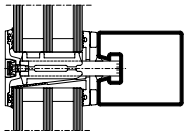
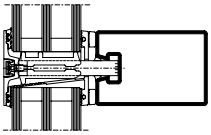
**$U_f$-Werte nach EN 10077-2**

**VISS HI 50 mm**
**avec gaine isolante**
**Profilé de recouvrement plat**

**Valeurs $U_f$ selon EN 10077-2**

**VISS HI 50 mm**
**with insulating core**
**Flat cover cap**

**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas<br>Verre<br>Glass** | Pfosten 50/50<br>Montant 50/50<br>Mullion 50/50 | Pfosten 50/95<br>Montant 50/95<br>Mullion 50/95 | Pfosten 50/140<br>Montant 50/140<br>Mullion 50/140 | Riegel 50/50<br>Traverse 50/50<br>Transom 50/50 | Riegel 50/95<br>Traverse 50/95<br>Transom 50/95 | Riegel 50/140<br>Traverse 50/140<br>Transom 50/140 |
| 30 mm | | | | | | |
| 40 mm | **0,84 W/m²K** | **0,87 W/m²K** | **0,86 W/m²K** | **0,92 W/m²K** | **0,94 W/m²K** | **0,94 W/m²K** |
| 50 mm | **0,69 W/m²K** | **0,70 W/m²K** | **0,71 W/m²K** | **0,79 W/m²K** | **0,80 W/m²K** | **0,80 W/m²K** |
| 60 mm | **0,62 W/m²K** | **0,63 W/m²K** | **0,63 W/m²K** | **0,69 W/m²K** | **0,70 W/m²K** | **0,70 W/m²K** |
| 70 mm | **0,55 W/m²K** | **0,56 W/m²K** | **0,56 W/m²K** | **0,63 W/m²K** | **0,63 W/m²K** | **0,63 W/m²K** |

**Der Einfluss der Schraubenbefestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS HI 60 mm**
**mit Dämmprofil**
**Flaches Deckprofil**

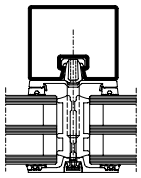
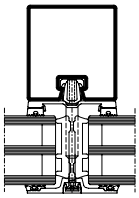
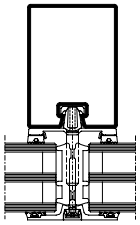
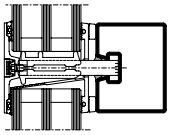
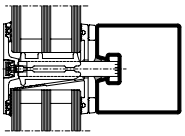
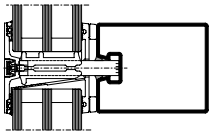
**$U_f$-Werte nach EN 10077-2**

**VISS HI 60 mm**
**avec gaine isolante**
**Profilé de recouvrement plat**

**Valeurs $U_f$ selon EN 10077-2**

**VISS HI 60 mm**
**with insulating core**
**Flat cover cap**

**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas**<br>**Verre**<br>**Glass** | Pfosten 60/50<br>Montant 60/50<br>Mullion 60/50 | Pfosten 60/100<br>Montant 60/100<br>Mullion 60/100 | Pfosten 60/150<br>Montant 60/150<br>Mullion 60/150 | Riegel 60/50<br>Traverse 60/50<br>Transom 60/50 | Riegel 60/100<br>Traverse 60/100<br>Transom 60/100 | Riegel 60/150<br>Traverse 60/150<br>Transom 60/150 |
| 30 mm | | | | | | |
| 40 mm | **0,81 W/m²K** | **0,82 W/m²K** | **0,83 W/m²K** | **0,88 W/m²K** | **0,90 W/m²K** | **0,90 W/m²K** |
| 50 mm | **0,67 W/m²K** | **0,68 W/m²K** | **0,69 W/m²K** | **0,76 W/m²K** | **0,77 W/m²K** | **0,78 W/m²K** |
| 60 mm | **0,59 W/m²K** | **0,60 W/m²K** | **0,60 W/m²K** | **0,67 W/m²K** | **0,68 W/m²K** | **0,69 W/m²K** |
| 70 mm | **0,52 W/m²K** | **0,53 W/m²K** | **0,53 W/m²K** | **0,61 W/m²K** | **0,61 W/m²K** | **0,62 W/m²K** |

| **Glas**<br>**Verre**<br>**Glass** | **76.140**<br>Pfosten 60/180<br>Montant 60/180<br>Mullion 60/180 | **76.141**<br>Pfosten 60/220<br>Montant 60/220<br>Mullion 60/220 | **76.142**<br>Pfosten 60/280<br>Montant 60/280<br>Mullion 60/280 | **76.140**<br>Riegel 60/180<br>Traverse 60/180<br>Transom 60/180 | **76.141**<br>Riegel 60/220<br>Traverse 60/220<br>Transom 60/220 | **76.142**<br>Riegel 60/280<br>Traverse 60/280<br>Transom 60/280 |
|---|---|---|---|---|---|---|
| 50 mm | **0,69 W/m²K** | **0,69 W/m²K** | **0,69 W/m²K** | **0,78 W/m²K** | **0,78 W/m²K** | **0,78 W/m²K** |
| 70 mm | **0,53 W/m²K** | **0,53 W/m²K** | **0,53 W/m²K** | **0,62 W/m²K** | **0,62 W/m²K** | **0,62 W/m²K** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS 50 mm**

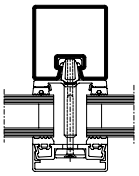
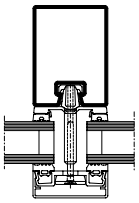
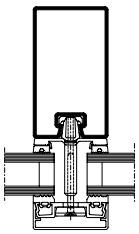
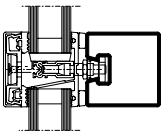
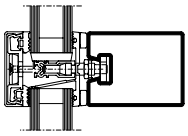
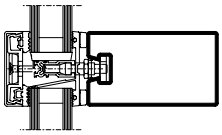
**$U_f$-Werte nach EN 10077-2**

**VISS 50 mm**

**Valeurs $U_f$ selon EN 10077-2**

**VISS 50 mm**

**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas<br>Verre<br>Glass** | Pfosten 50/50<br>Montant 50/50<br>Mullion 50/50 | Pfosten 50/95<br>Montant 50/95<br>Mullion 50/95 | Pfosten 50/140<br>Montant 50/140<br>Mullion 50/140 | Riegel 50/50<br>Traverse 50/50<br>Transom 50/50 | Riegel 50/95<br>Traverse 50/95<br>Transom 50/95 | Riegel 50/140<br>Traverse 50/140<br>Transom 50/140 |
| 20 mm | **1,7 W/m²K** | **1,8 W/m²K** | **1,7 W/m²K** | **1,5 W/m²K** | **1,5 W/m²K** | **1,5 W/m²K** |
| 30 mm | **1,5 W/m²K** | **1,6 W/m²K** | **1,6 W/m²K** | **1,3 W/m²K** | **1,4 W/m²K** | **1,4 W/m²K** |
| 40 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** |
| 50 mm | **1,4 W/m²K** | **1,4 W/m²K** | **1,4 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |
| 60 mm | **1,3 W/m²K** | **1,4 W/m²K** | **1,4 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |
| 70 mm | **1,3 W/m²K** | **1,3 W/m²K** | **1,3 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

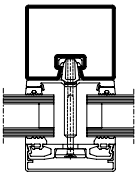
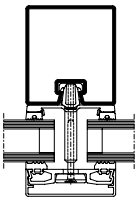
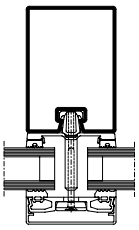
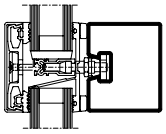
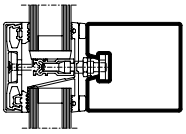
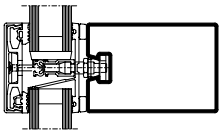
**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS 60 mm**
**$U_f$-Werte nach EN 10077-2**

**VISS 60 mm**
**Valeurs $U_f$ selon EN 10077-2**

**VISS 60 mm**
**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas**<br>**Verre**<br>**Glass** | Pfosten 60/50<br>Montant 60/50<br>Mullion 60/50 | Pfosten 60/100<br>Montant 60/100<br>Mullion 60/100 | Pfosten 60/150<br>Montant 60/150<br>Mullion 60/150 | Riegel 60/50<br>Traverse 60/50<br>Transom 60/50 | Riegel 60/100<br>Traverse 60/100<br>Transom 60/100 | Riegel 60/150<br>Traverse 60/150<br>Transom 60/150 |
| 20 mm | **1,6 W/m²K** | **1,7 W/m²K** | **1,6 W/m²K** | **1,4 W/m²K** | **1,4 W/m²K** | **1,5 W/m²K** |
| 30 mm | **1,4 W/m²K** | **1,5 W/m²K** | **1,4 W/m²K** | **1,2 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** | **1,2 W/m²K** | **1,2 W/m²K** |
| 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** | **1,2 W/m²K** | **1,1 W/m²K** | **1,0 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** |
| 70 mm | **1,1 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** | **1,0 W/m²K** | **1,0 W/m²K** | **1,0 W/m²K** |

| **Glas**<br>**Verre**<br>**Glass** | **76.140**<br>Pfosten 60/180<br>Montant 60/180<br>Mullion 60/180 | **76.141**<br>Pfosten 60/220<br>Montant 60/220<br>Mullion 60/220 | **76.142**<br>Pfosten 60/280<br>Montant 60/280<br>Mullion 60/280 | **76.140**<br>Riegel 60/180<br>Traverse 60/180<br>Transom 60/180 | **76.141**<br>Riegel 60/220<br>Traverse 60/220<br>Transom 60/220 | **76.142**<br>Riegel 60/280<br>Traverse 60/280<br>Transom 60/280 |
|---|---|---|---|---|---|---|
| 50 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 | **1,1 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** | **1,0 W/m²K** | **1,0 W/m²K** | **1,0 W/m²K** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS 50 mm**
**Flaches Deckprofil**

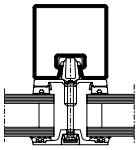
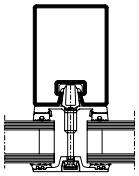
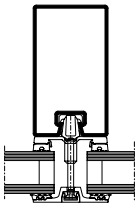
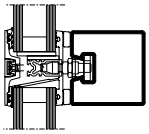
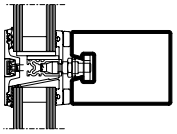
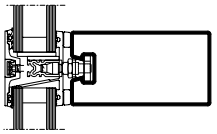
**$U_f$-Werte nach EN 10077-2**

**VISS 50 mm**
**Profilé de recouvrement plat**

**Valeurs $U_f$ selon EN 10077-2**

**VISS 50 mm**
**Flat cover cap**

**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas<br>Verre<br>Glass** | Pfosten 50/50<br>Montant 50/50<br>Mullion 50/50 | Pfosten 50/95<br>Montant 50/95<br>Mullion 50/95 | Pfosten 50/140<br>Montant 50/140<br>Mullion 50/140 | Riegel 50/50<br>Traverse 50/50<br>Transom 50/50 | Riegel 50/95<br>Traverse 50/95<br>Transom 50/95 | Riegel 50/140<br>Traverse 50/140<br>Transom 50/140 |
| 20 mm | **1,9 W/m²K** | **2,0 W/m²K** | **2,0 W/m²K** | **1,6 W/m²K** | **1,7 W/m²K** | **1,7 W/m²K** |
| 30 mm | **1,7 W/m²K** | **1,7 W/m²K** | **1,7 W/m²K** | **1,4 W/m²K** | **1,5 W/m²K** | **1,5 W/m²K** |
| 40 mm | **1,5 W/m²K** | **1,6 W/m²K** | **1,6 W/m²K** | **1,3 W/m²K** | **1,4 W/m²K** | **1,4 W/m²K** |
| 50 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** |
| 60 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** |
| 70 mm | **1,3 W/m²K** | **1,3 W/m²K** | **1,3 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**

**VISS 60 mm**
**Flaches Deckprofil**

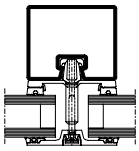
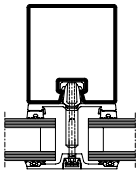
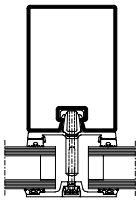
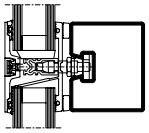
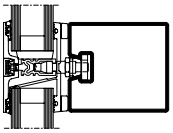
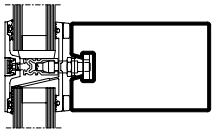
**$U_f$-Werte nach EN 10077-2**

**VISS 60 mm**
**Profilé de recouvrement plat**

**Valeurs $U_f$ selon EN 10077-2**

**VISS 60 mm**
**Flat cover cap**

**$U_f$ values according to 10077-2**

| |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| **Glas**<br>**Verre**<br>**Glass** | Pfosten 60/50<br>Montant 60/50<br>Mullion 60/50 | Pfosten 60/100<br>Montant 60/100<br>Mullion 60/100 | Pfosten 60/150<br>Montant 60/150<br>Mullion 60/150 | Riegel 60/50<br>Traverse 60/50<br>Transom 60/50 | Riegel 60/100<br>Traverse 60/100<br>Transom 60/100 | Riegel 60/150<br>Traverse 60/150<br>Transom 60/150 |
| 20 mm | **1,7 W/m²K** | **1,8 W/m²K** | **1,8 W/m²K** | **1,5 W/m²K** | **1,6 W/m²K** | **1,6 W/m²K** |
| 30 mm | **1,5 W/m²K** | **1,5 W/m²K** | **1,6 W/m²K** | **1,3 W/m²K** | **1,3 W/m²K** | **1,4 W/m²K** |
| 40 mm | **1,3 W/m²K** | **1,4 W/m²K** | **1,4 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |
| 50 mm | **1,2 W/m²K** | **1,3 W/m²K** | **1,3 W/m²K** | **1,1 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |
| 60 mm | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** |
| 70 mm | **1,1 W/m²K** | **1,1 W/m²K** | **1,2 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** | **1,1 W/m²K** |

| **Glas**<br>**Verre**<br>**Glass** | **76.140**<br>Pfosten 60/180<br>Montant 60/180<br>Mullion 60/180 | **76.141**<br>Pfosten 60/220<br>Montant 60/220<br>Mullion 60/220 | **76.142**<br>Pfosten 60/280<br>Montant 60/280<br>Mullion 60/280 | **76.140**<br>Riegel 60/180<br>Traverse 60/180<br>Transom 60/180 | **76.141**<br>Riegel 60/220<br>Traverse 60/220<br>Transom 60/220 | **76.142**<br>Riegel 60/280<br>Traverse 60/280<br>Transom 60/280 |
|---|---|---|---|---|---|---|
| 50 mm | **1,3 W/m²K** | **1,3 W/m²K** | **1,3 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** | **1,2 W/m²K** |
| 70 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** |

**Der Einfluss der Schrauben-befestigung in Höhe von 0.14 W/m²K ist berücksichtigt.**

**L'influence de la fixation à vis de 0.14 W/m²K est prise en compte.**

**The 0.14 W/m²K influence of the screw fixing is taken into account.**