

VISS Fire TVS (vertikal)

Wärmegeämmte Brandschutz-Fassaden

VISS Fire TVS (vertical)

Façades de protetcion incendie à rupture de pont thermique

VISS Fire TVS (vertical)

Thermally insulated fire-resistant façades

Lieferprogramm
VISS Fire TVS (vertikal)

Version 10/2018
Artikelnummer K1177901

Programme de livraison
VISS Fire TVS (vertical)

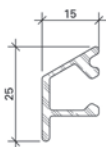
Version 10/2018
Numéro d'article K1177901

Sales range
VISS Fire TVS (vertical)

Version 10/2018
Item number K1177901

Eine Liste der aktuellen Änderungen und Ergänzungen finden Sie am Ende des Kataloges!
Une liste des dernières modifications et ajouts est disponible à la fin du catalogue!
A table of actual modifications and additions can be found at the end of the catalogue!

Bei grau hinterlegten Artikeln muss die Verfügbarkeit angefragt werden.
Pour les produits marqués en gris, la disponibilité doit être demandée.
Items which are marked in grey, the stock availability needs to be inquired.

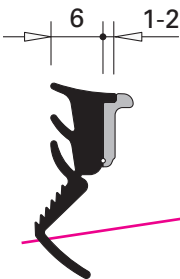


000.000
Wetterschenkel
Aluminium roh
Gewicht 0,266 kg/m
U = 0,100 m²/m
P = 0,034 m²/m
Länge 6 m

000.000
Renvoi d'eau
aluminium brut
poids 0,266 kg/m
U = 0,100 m²/m
P = 0,034 m²/m
Longueur 6 m

000.000
Weatherbar
aluminium mill finish
weight 0,266 kg/m
U = 0,100 m²/m
P = 0,034 m²/m
Length 6 m

Artikel, welche rot durchgestrichen sind, wurden aus dem Sortiment genommen.
Les articles barrés en rouge ont été retirés de la gamme.
Articles that have a red line through them have been removed from the product range.



000.000
Glasdichtung
mit Abreissteg
EPDM, schwarz,
für Glasleistenseite
Einsatz siehe Seiten 34/35
VE = 100 m

000.000
Joint de vitrage
avec partie déchirable
EPDM, noir,
pour côté parclose
Utilisation voir pages 34/35
UV = 100 m

000.000
Glazing weatherstrip
with detachable strip
EPDM, black,
for glazing bead side
Application see pages 34/35
PU = 100 m

Systemübersicht

Systemschnitt
Typenübersicht
Zulassungen

Sommaire du système

Coupe du système
Sommaire des types
Homologations

Summary of system

Cross-section trough system
Summary of types
Authorisations

2

Profilsortiment

Profile 50 mm
Deckprofile 50 mm
Zubehör

Assortiment de profilé

Profilés 50 mm
Profilés de recouvrement 50 mm
Accessoires

Range of profiles

Profiles 50 mm
Cover sections 50 mm
Accessories

8

Konstruktions-Hinweise E30

Schnittpunkte
Konstruktions-Details
Anschlüsse am Bau

Consignes de construction E30

Coupes de détails
Détails de construction
Raccordement au mur

Construction instructions E30

Section details
Construction details
Attachment to structure

21

Konstruktions-Hinweise EI30/ EI60/EI90

Schnittpunkte
Konstruktions-Details
Anschlüsse am Bau

Consignes de construction EI30/EI60/EI90

Coupes de détails
Détails de construction
Raccordement au mur

Construction instructions EI30/EI60/EI90

Section details
Construction details
Attachment to structure

47

Verarbeitungs-Hinweise

Indications d'usage

Assembly instructions

77

VISS Fire TVS (vertikal)

Wärmegeämmte, auf dem System der Trockenverglasung basierende Pfosten-Riegelkonstruktion für Brandschutz-Fassaden.

Anwendung:
E30
EI30 / EI60 / EI90

VISS Fire TVS (vertical)

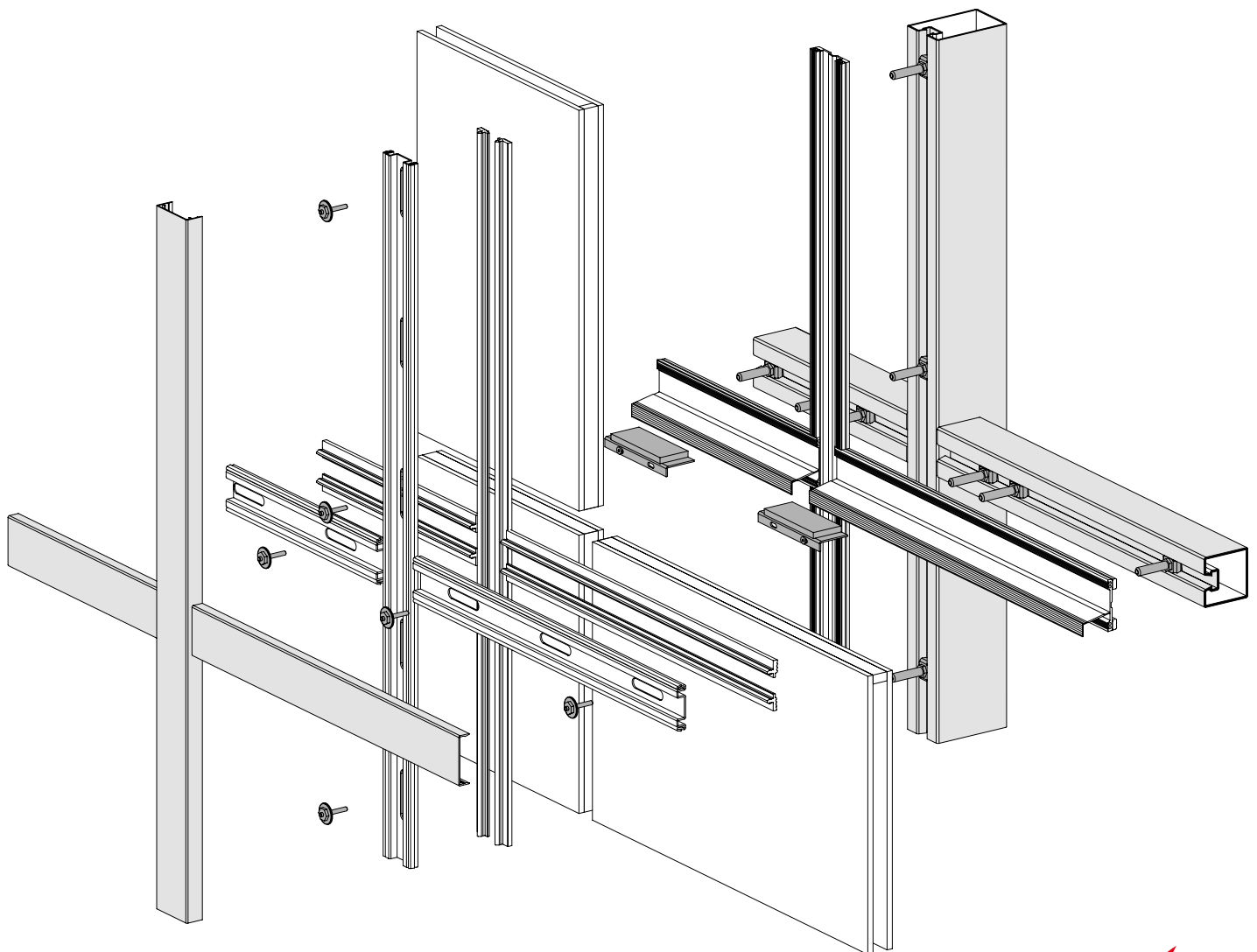
Construction à montants et traverses à rupture de pont thermique basée sur le système de vitrage à sec pour façades de protection incendie.

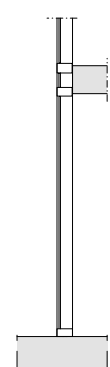
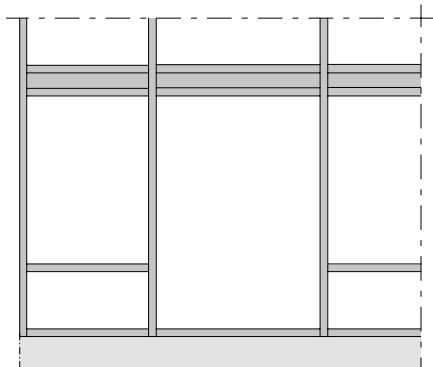
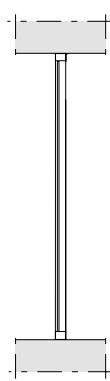
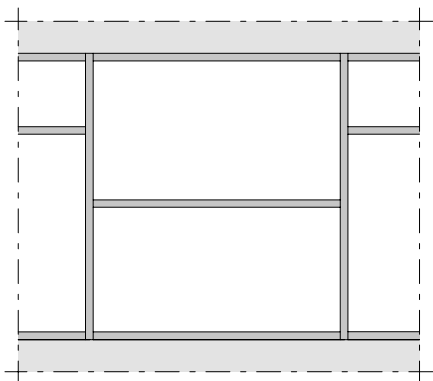
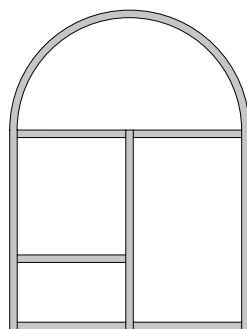
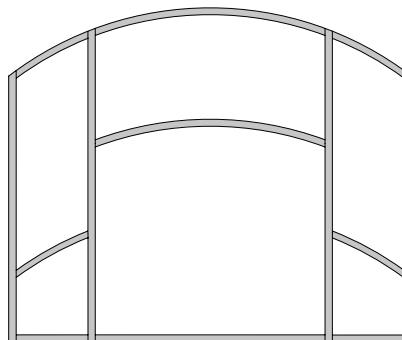
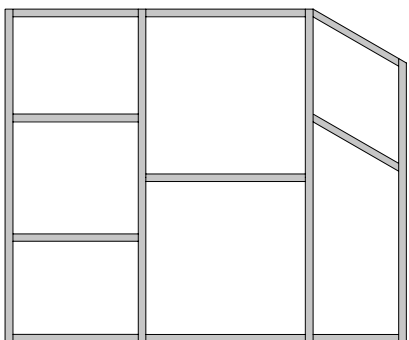
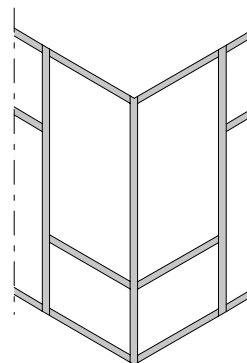
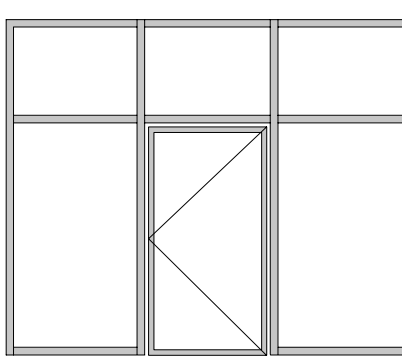
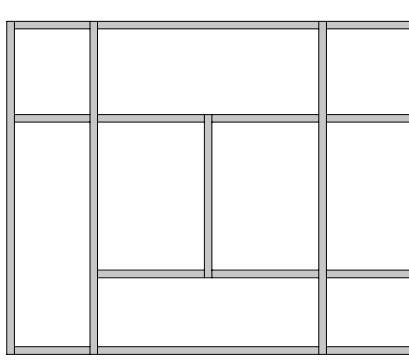
Application:
E30
EI30 / EI60 / EI90

VISS Fire TVS (vertical)

Fully insulated curtain walling system, suitable for fire protection façades, using mullions and transoms and based on the dry glazing system.

Application:
E30
EI30 / EI60 / EI90





VISS Fire TVS (vertikal)
Brandschutzverglasung Klasse E

VISS Fire TVS (vertical)
Vitrage pare-flammes Classe E

VISS Fire TVS (vertical)
Fire protection glazing Class E

DE: G30

Z-19-14-590
 Z-19.14-1214

G60

Z-19.14-1216

TRAV

Technische Regeln für die
 Verwendung von absturzsichernden
 Verglasungen

Prüfbescheid

J-10-02-1 „a“ Fassade
 Kategorie A (900 mm)

Klemmverbindung

AbZ Z-14.4-465 (Brandschutzanker)

Pfosten-Riegel-Verbindung

AbZ Z-14.4-467 (T-Verbinder)

DE: G30

Z-19-14-590
 Z-19.14-1214

G60

Z-19.14-1216

TRAV

Règlement technique pour la
 sécurité anti-chute des vitrages

Prüfbescheid

J-10-02-1 „a“ Fassade
 Kategorie A (900 mm)

Jonction par serrage

AbZ Z-14.4-465 (boulon d'ancrage
 anti-incendie)

Jonction montant-traverse

AbZ Z-14.4-467 (Raccord en T)

DE: G30

Z-19-14-590
 Z-19.14-1214

G60

Z-19.14-1216

TRAV

The technical regulations for
 protecting glazing against
 falling out

Prüfbescheid

J-10-02-1 „a“ Fassade
 Kategorie A (900 mm)

Clamp connection

AbZ Z-14.4-465 (fire-proof anchor)

Mullion-transom connection

AbZ Z-14.4-467 (Connecting spigot)

A: E30 / EW30

E60 / EW60

E90 / EW90

Klassifizierungsbericht
 Nr. 100 308 27-4 IBS Linz

A: E30 / EW30

E60 / EW60

E90 / EW90

Klassifizierungsbericht
 Nr. 100 308 27-4 IBS Linz

A: E30 / EW30

E60 / EW60

E90 / EW90

Klassifizierungsbericht
 Nr. 100 308 27-4 IBS Linz

GB: Integrity 1/2 h, 1 h, 1 1/2 h

BS 476:Part 22:1987

P100099-1002

BRE GB-Bucknalls Lane,
 Harston, Watford, Herfordshire

GB: Integrity 1/2 h, 1 h, 1 1/2 h

BS 476:Part 22:1987

P100099-1002

BRE GB-Bucknalls Lane,
 Harston, Watford, Herfordshire

GB: Integrity 1/2 h, 1 h, 1 1/2 h,

BS 476:Part 22:1987

P100099-1002

BRE GB-Bucknalls Lane,
 Harston, Watford, Herfordshire

Die landesspezifischen
 Brandschutz-Zulassungen bzw.
 deren Bestimmungen und
 Vorschriften sind zu beachten.

Les certificats de protection
 incendie spécifiques au pays,
 leurs dispositions et leurs
 prescriptions doivent être respectés.

Fire-protection approvals or
 applicable national regulations
 and determinations must be
 observed.

VISS Fire TVS (vertikal)
Brandschutzverglasung Klasse EI

VISS Fire TVS (vertical)
Vitrage coupe feu Classe EI

VISS Fire TVS (vertical)
Fire protection glazing Class EI

DE: F30
 Z-19-14-1592

F90
 Z-19.14-1730

TRAV
 Technische Regeln für die
 Verwendung von absturzsichernden
 Verglasungen

Prüfbescheid
 J-10-02-1 „a“ Fassade
 Kategorie A (900 mm)

Klemmverbindung
 AbZ Z-14.4-465 (Brandschutzanker)

Pfosten-Riegel-Verbindung
 AbZ Z-14.4-467 (T-Verbinder)

DE: F30
 Z-19-14-1592

F90
 Z-19.14-1730

TRAV
 Règlement technique pour la
 sécurité anti-chute des vitrages

Prüfbescheid
 J-10-02-1 „a“ Fassade
 Kategorie A (900 mm)

Jonction par serrage
 AbZ Z-14.4-465 (boulon d'ancrage
 anti-incendie)

Jonction montant-traverse
 AbZ Z-14.4-467 (Raccord en T)

DE: F30
 Z-19-14-1592

F90
 Z-19.14-1730

TRAV
 The technical regulations for
 protecting glazing against
 falling out

Prüfbescheid
 J-10-02-1 „a“ Fassade
 Kategorie A (900 mm)

Clamp connection
 AbZ Z-14.4-465 (fire-proof anchor)

Mullion-transom connection
 AbZ Z-14.4-467 (Connecting spigot)

A: EI30 / EI60
 Klassifizierungsbericht
 Nr. 100 308 27-4 IBS Linz

A: EI30 / EI60
 Klassifizierungsbericht
 Nr. 100 308 27-4 IBS Linz

A: EI30 / EI60
 Klassifizierungsbericht
 Nr. 100 308 27-4 IBS Linz

GB: Integrity 1/2 h, 1 h, 1 1/2 h
 BS 476:Part 22:1987
 P100099-1002
 BRE GB-Bucknalls Lane,
 Harston, Watford, Herfordshire

GB: Integrity 1/2 h, 1 h, 1 1/2 h
 BS 476:Part 22:1987
 P100099-1002
 BRE GB-Bucknalls Lane,
 Harston, Watford, Herfordshire

GB: Integrity 1/2 h, 1 h, 1 1/2 h
 BS 476:Part 22:1987
 P100099-1002
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 Harston, Watford, Herfordshire

Die landesspezifischen
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VISS Fire TVS (vertikal)

VISS Fire TVS (vertical)

VISS Fire TVS (vertical)

Produktnorm Vorhangfassade EN 13830
Luftdurchlässigkeit (EN 12152) AE
Schlagregendichtheit (EN 12154) RE 1200
Widerstandsfähigkeit bei Windlast (EN 13116)
zulässige Last 2000 Pa
erhöhte Last 3000 Pa
Stoßfestigkeit (EN 14019) I5/E5

Prüfbericht 108 28793,
Gutachten 155 28793 und
Klassifizierungsbericht 100 28793,
ift DE-Rosenheim

Norme de produit façade rideau EN 13830
Perméabilité à l'air (EN 12152) AE
Étanchéité à la pluie battante (EN 12154) RE 1200

Résistance à la charge du vent (EN 13116)
Charge admissible 2000 pa
Charge élevée 3000 Pa
Résistance aux chocs (EN 14019) I5/E5

Rapport d'essai 108 28793,
expertise 155 28793 et rapport de
classification 100 28793,
ift DE-Rosenheim

Product approval curtain walls EN 13830
Air permeability (EN 12152) AE
Resistance to driving rain (EN 12154) RE 1200

Resistance to wind loads (EN 13116)
Permissible load 2000 Pa
Increased load 3000 Pa
Impact streng (EN 14019) I5/E5

Test report 108 28793,
appraisal report 155 28793 and
classification report 100 28793
ift DE-Rosenheim

Luftschalldämmung
nach EN ISO 140-3 (1993) und ISO/DIS 717-1 (1993), DIN 52210:

 $R_w = 42$ dB (bei Füllelementwert mind. $R_w = 42$ dB)

Gutachtliche Stellungnahme vom 13.9.1996 der EMPA, Dübendorf/CH

Isolement contre les sons aériens
selon EN ISO 140-3 (1993) et ISO/DIS 717-1 (1993), DIN 52210:

 $R_w = 42$ dB (avec valeur du remplissage min. $R_w = 42$ dB)

Expertise de l'EMPA Dübendorf/CH du 13.9.1996

Insulation against airborne noise
according to EN ISO 140-3 (1993) and ISO/DIS 717-1 (1993), DIN 52210:

 $R_w = 42$ dB (with glass/infill panel min. $R_w = 42$ dB)

Expertise dated 13.9.1996 by EMPA Dübendorf/CH

Einkaufszentrum Super «U», Caen/FR (Architekt: Billard Durand & Associés, Architectes et Urbanistes, Hérouville-Saint-Clair)



Profile 50 mm (Massstab 1:3)

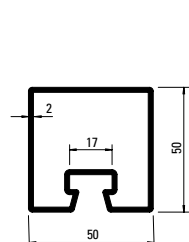
Profils 50 mm (échelle 1:3)

Profiles 50 mm (scale 1:3)

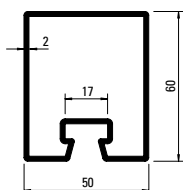
VISS Fire TVS (vertikal)

VISS Fire TVS (vertical)

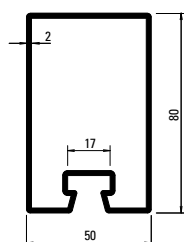
VISS Fire TVS (vertical)



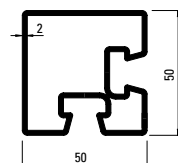
76.694
76.694 Z



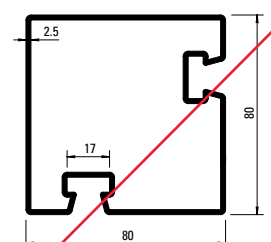
76.671
76.671 Z



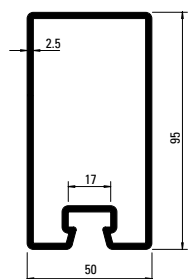
76.696
76.696 Z



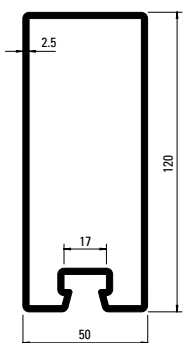
76.094



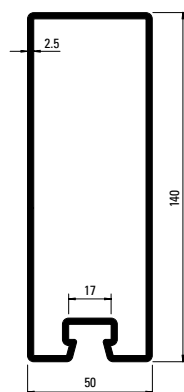
76.096



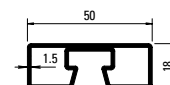
76.697
76.697 Z



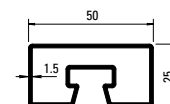
76.679
76.679 Z



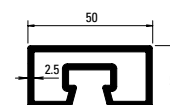
76.666
76.666 Z



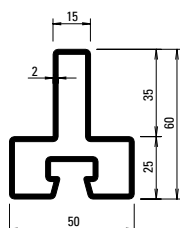
76.692



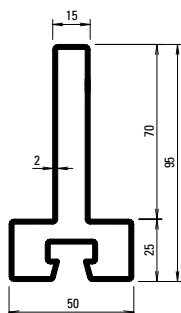
76.682



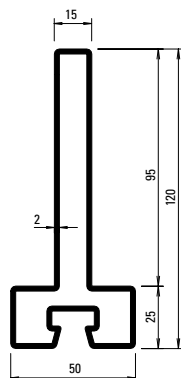
76.680



76.114



76.115



76.116

Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
76.094	4,090	5,21	15,20	5,90	15,20	5,90	0,280
76.096	7,437	9,462	83,79	20,52	83,79	20,52	0,391
76.114	3,820	4,87	15,36	4,14	9,79	3,91	0,251
76.115	4,920	6,27	54,76	9,31	10,38	4,15	0,321
76.116	5,710	7,27	105,0	14,31	10,81	4,32	0,371
76.666	7,910	10,10	240,0	32,10	43,50	17,40	0,412
76.671	3,860	4,90	23,2	7,20	17,30	6,90	0,260

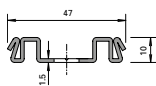
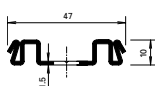
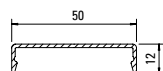
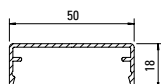
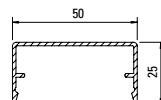
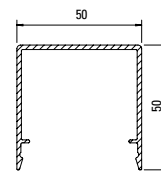
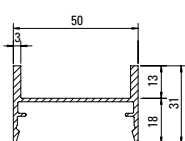
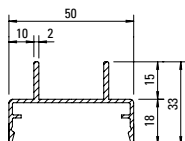
Profil-Nr.	G kg/m	F cm ²	I _x cm ⁴	W _x cm ³	I _y cm ⁴	W _y cm ³	U m ² /m
76.679	7,120	9,07	162,0	25,20	37,90	15,20	0,373
76.680	3,390	4,32	3,17	2,38	11,08	4,43	0,182
76.682	2,120	2,70	2,34	1,81	7,20	2,90	0,190
76.692	1,900	2,52	0,85	0,81	6,00	2,40	0,176
76.694	3,500	4,50	15,0	5,70	14,80	5,90	0,240
76.696	4,450	5,70	48,4	11,50	21,80	8,70	0,300
76.697	6,100	7,90	92,0	17,90	31,00	12,40	0,330

Deckprofile 50 mm (Massstab 1:3)**Profils de recouvrement 50 mm (échelle 1:3)****Cover sections 50 mm (scale 1:3)**

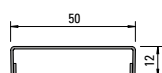
VISS Fire TVS (vertikal)

VISS Fire TVS (vertical)

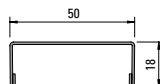
VISS Fire TVS (vertical)

**400.867****400.867 Z****407.860****407.861****407.862****407.863****407.900****407.911**

Edelstahl-Abdeckprofile
Werkstoff 1.4301 (AISI 304)
 geschliffen, Korn 220/240,
 mit Schutzfolie, Länge 6 m

**400.860**

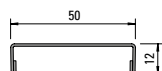
Profilé de recouvrement acier Inox
Qualité 1.4301 (AISI 304)
 meulé, degré 220/240, avec feuille
 de protection, longueurs 6 m

**400.861**

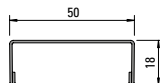
Stainless steel cover sections
Material 1.4301 (AISI 304)
 polished, grain 220/240,
 with protective film, length 6 m



Edelstahl-Abdeckprofile
Werkstoff 1.4401 (AISI 316)
 geschliffen, Korn 220/240,
 mit Schutzfolie, Länge 6 m

**400.862**

Profilé de recouvrement acier Inox
Qualité 1.4401 (AISI 316)
 meulé, degré 220/240, avec feuille de
 protection, longueurs 6 m

**400.863**

Stainless steel cover sections
Material 1.4401 (AISI 316)
 polished, grain 220/240,
 with protective film, length 6 m

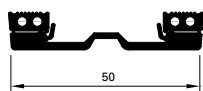
Profil-Nr.	G kg/m	U m ² /m	P m ² /m
407.860	0,266	0,147	0,072
407.861	0,341	0,185	0,084
407.862	0,394	0,213	0,098
407.863	0,660	0,313	0,148
407.900	0,556	0,240	0,138
407.911	0,510	0,245	0,146

Profil-Nr.	G kg/m
400.860	0,644
400.861	0,734
400.862	0,652
400.863	0,744

Dichtungen
Klasse E30
Klasse EI60 / EI90

Joints
Classe E30
Classe EI60 / EI90

Gaskets
Class E30
Class EI60 / EI90



455.547

Innendichtung vertikal
schwer entflammbar, schwarz,
50 mm breit

VE = 50 m

455.547

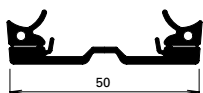
Joint intérieur vertical
difficilement combustible, noir,
largeur 50 mm

UV = 50 m

455.547

Inner gasket vertical
flame retardant, black,
50 mm wide

PU = 50 m



455.549

Innendichtung vertikal
schwer entflammbar, schwarz,
50 mm breit

Einsatz:
Segmentverglasungen

VE = 50 m

455.549

Joint intérieur vertical
difficilement combustible, noir,
largeur 50 mm

Utilisation:
vitrages segmentés

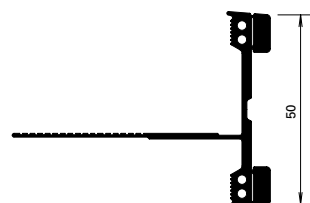
UV = 50 m

455.549

Inner gasket vertical
flame retardant, black,
50 mm wide

Application:
segmental glazing

PU = 50 m



455.550

Innendichtung horizontal
schwer entflammbar, schwarz,
50 mm breit

Einsatz:
Riegel im Vertikalbereich

VE = 50 m

455.550

Joint intérieur horizontal
difficilement combustible, noir,
largeur 50 mm

Utilisation:
traverse façade verticale

UV = 50 m

455.550

Inner gasket horizontal
flame retardant, black,
50 mm wide

Application:
transom in vertical area

PU = 50 m

Dichtungen
Klasse E30
Klasse EI60 / EI90

Joints
Classe E30
Classe EI60 / EI90

Gaskets
Class E30
Class EI60 / EI90



455.508

Aussendichtung

schwer entflammbar, schwarz,
für Anpressprofile 400.867 und
400.867 Z

Einsatz:
Pfosten, Riegel oben

VE = 100 m

455.508

Joint extérieur

difficilement combustible, noir,
pour profilés de fixation 400.867
et 400.867 Z

Utilisation:
montant, traverse supérieur

UV = 100 m

455.508

Outer gasket

flame retardant, black,
for clamping sections 400.867
and 400.867 Z

Application:
mullion, transom top

PU = 100 m



455.509

Aussendichtung

schwer entflammbar, schwarz,
für Anpressprofile 400.867 und
400.867 Z

Einsatz:
Riegel unten

VE = 50 m

455.509

Joint extérieur

difficilement combustible, noir,
pour profilés de fixation 400.867
et 400.867 Z

Utilisation:
traverse inférieure

UV = 50 m

455.509

Outer gasket

flame retardant, black,
for clamping sections 400.867
and 400.867 Z

Application:
transom bottom

PU = 50 m



455.519

Aussendichtung

schwer entflammbar schwarz,
für Anpressprofile 400.867 und
400.867 Z

Einsatz:
Pfosten bei
Segmentverglasungen bis 15°

VE = 100 m

455.519

Joint extérieur

difficilement combustible, noir,
pour profilés de fixation 400.867
et 400.867 Z

Utilisation:
montant à vitrage segmenté
jusqu'à 15°

UV = 100 m

455.519

Outer gasket

flame retardant, black,
for clamping sections 400.867
and 400.867 Z

Application:
mullions with segmental
glazing up to 15°

PU = 100 m



450.096

Kleb- und Dichtmasse

schwarz, für das Abdichten
der Dichtungs-Stöße und
-Durchbrüche von schwer ent-
flammbaren Dichtungen.

VE = 1 Stück (à 310 ml)

**Klebestellen mit 3M-Primer 94
vorbehandeln.**

450.096

Pâte à coller et à étancher

noir, pour étancher les
raccordements et les points
de raccord des joints
difficilement combustible

UV = 1 pièce (à 310 ml)

**Traiter au préalable les points
de collage avec 3M-Primer 94.**

450.096

Adhesive and sealing compound

black, for sealing gasket joints and
breaks, flame retardant.

PU = 1 piece (à 310 ml)

**Pre-treat contact spots with
3M primer 94**

Dichtungen Klasse EI30

Joints Classe EI30

Gaskets Class EI30



455.537

Innendichtung vertikal
EPDM schwarz, 50 mm breit

VE = 50 m

455.537

Joint intérieur vertical
EPDM noir, largeur 50 mm

UV = 50 m

455.537

Inner gasket, vertical
EPDM black, 50 mm wide

PU = 50 m



455.558

Innendichtung horizontal
EPDM schwarz, 50 mm breit

VE = 50 m

455.558

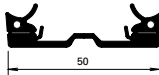
Joint intérieur horizontal
EPDM noir, largeur 50 mm

UV = 50 m

455.558

Inner gasket, horizontal
EPDM black, 50 mm wide

PU = 50 m



455.545

Innendichtung vertikal
EPDM schwarz, 50 mm breit

Einsatz:
Segmentverglasungen

VE = 50 m

455.545

Joint intérieur vertical
EPDM noir, largeur 50 mm

Utilisation:
vitrages segmentés

UV = 50 m

455.545

Inner gasket, vertical
EPDM black, 50 mm wide

Application:
segmental glazing

PU = 50 m

Für die EI30 Klassifizierung von vertikalen Fassaden gilt ausschliesslich die Dokumentation VISS Fire EI30

Pour la classification EI30 de façades verticales, seule la documentation VISS Fire EI30 est applicable

The VISS Fire EI30 documentation applies exclusively to the EI30 classification of vertical façades.

Dichtungen Klasse EI30

Joints Classe EI30

Gaskets Class EI30



455.520

Aussendichtung

EPDM schwarz,
für Anpressprofile 400.867 und
400.867 Z

Einsatz:
Pfosten/Riegel oben

VE = 100 m

455.520

Joint extérieur

EPDM noir,
pour profilés de fixation 400.867
et 400.867 Z

Utilisation:
montant/traverse supérieur

UV = 100 m

455.520

Outer gasket

EPDM black,
for clamping sections 400.867
and 400.867 Z

Application:
mullion/transom top

PU = 100 m



455.521

Aussendichtung

EPDM schwarz,
für Anpressprofile 400.867 und
400.867 Z

Einsatz: Riegel unten

VE = 50 m

455.521

Joint extérieur

EPDM noir,
pour profilés de fixation 400.867
et 400.867 Z

Utilisation: traverse inférieur

UV = 50 m

455.521

Outer gasket

EPDM black,
for clamping sections 400.867
and 400.867 Z

Application: transom bottom

PU = 50 m



455.519

Aussendichtung

schwer entflammbar schwarz,
für Anpressprofile 400.867 und
400.867 Z

Einsatz: Sparren,
polygonale Dachverglasungen

VE = 100 m

455.519

Joint extérieur

difficilement combustible, noir,
pour profilés de fixation 400.867
et 400.867 Z

Utilisation: chevron,
verrières polygonales

UV = 100 m

455.519

Outer gasket

flame retardant, black,
for clamping sections 400.867
and 400.867 Z

Application: rafter,
polygonal roof glazing

PU = 100 m



450.092

Kleb- und Dichtungsmasse

schwarz, für das Abdichten der
Dichtungs-Stösse und -Durch-
brüche von EPDM-Dichtungen.

VE = 1 Stück (à 290 ml)

450.092

Pâte à coller et à étancher

noir, pour étancher les
raccordements et les points de
raccord des joints EPDM.

UV = 1 pièce (à 290 ml)

450.092

Adhesive and sealing compound

black, for sealing gasket joints
and breaks EPDM.

PU = 1 piece (à 290 ml)

Artikel in Abhängigkeit der
Füllelementstärken

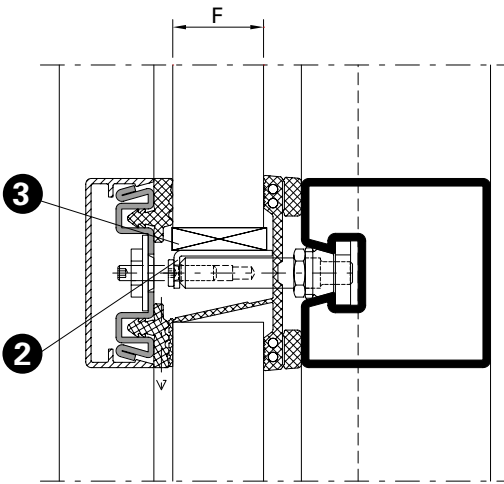
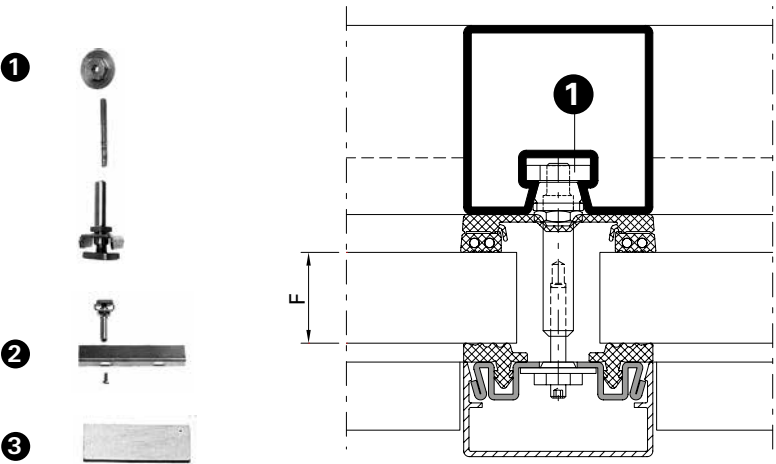
Articles en fonction de l'éléments
de remplissage

Items depending on thickness of
infill elements

F mm	Brandschutzanker Boulon d'ancrage Fire-proof anchor ①	Glasauflage Support de verre Glazing support ②	Tragklotz Cale pour remplissage Glazing support ③
05 – 07	452.430	452.439	453.028 (453.070)
08 – 11	452.440	452.455	453.070
12 – 15	452.482	452.483	453.070
16 – 18	452.453	452.454	453.027 (453.070)
19 – 21	452.472	452.488	453.016 (453.070)
22 – 23	452.475	452.492	453.026 (453.070)
24 – 26	452.476	452.484	453.029 (453.070)
27 – 30	452.477	452.485	453.030 (453.070)
31 – 33	452.478	452.486	453.031 (453.070)
34 – 36	452.479	452.487	453.032 (453.070)
37 – 39	452.448	452.449	453.033 (453.070)
40 – 42	452.441	452.456	453.034 (453.070)
43 – 45	452.442	452.457	453.070
46 – 49	452.443	452.458	453.070
50 – 52	452.446	452.447	453.070
53 – 57	452.444	452.459	453.072 (453.070)
58 – 62	452.427	Stahlflach*	453.070
63 – 67	452.428	Stahlflach*	453.070
68 – 70	452.429	Stahlflach*	453.070

() optional auch möglich
() aussi possible en option
() optional also possible

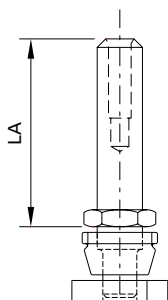
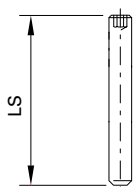
* Stahlflach
* Fer plat
* Flat steel



Die maximalen Traglasten sind dem
Katalog VISS Tragkonstruktion zu
entnehmen (Art.-Nr. K1178120).

Les charges maximales admissibles sont
indiquées dans le catalogue Construction
porteuse VISS (réf. K1178120).

The maximum loads can be found in
the VISS supporting structure
catalogue (Art. No. K1178120).



452.430	LA = 14 mm LS = 25 mm
452.440	LA = 14 mm LS = 30 mm
452.482	LA = 20 mm LS = 30 mm
452.453	LA = 24 mm LS = 30 mm
452.472	LA = 26 mm LS = 30 mm
452.475	LA = 30 mm LS = 30 mm
452.476	LA = 33 mm LS = 30 mm
452.477	LA = 36 mm LS = 30 mm
452.478	LA = 39 mm LS = 30 mm
452.479	LA = 42 mm LS = 30 mm
452.448	LA = 45 mm LS = 30 mm
452.441	LA = 48 mm LS = 30 mm
452.442	LA = 51 mm LS = 30 mm
452.443	LA = 54 mm LS = 30 mm
452.446	LA = 58 mm LS = 30 mm
452.444	LA = 61 mm LS = 30 mm
452.427	LA = 61 mm LS = 35 mm
452.428	LA = 61 mm LS = 40 mm
452.429	LA = 61 mm LS = 45 mm

Brandschutzanker
Edelstahl, mit vormontiertem Keil
und Nutenstein, Gewindestift M4,
Zentrier Mutter M4

VE = 50 Stück

Einsatz:
Artikel in Abhängigkeit der
Füllelementdicke
(siehe Seite 52-14)

452.430	LA = 14 mm LS = 25 mm
452.440	LA = 14 mm LS = 30 mm
452.482	LA = 20 mm LS = 30 mm
452.453	LA = 24 mm LS = 30 mm
452.472	LA = 26 mm LS = 30 mm
452.475	LA = 30 mm LS = 30 mm
452.476	LA = 33 mm LS = 30 mm
452.477	LA = 36 mm LS = 30 mm
452.478	LA = 39 mm LS = 30 mm
452.479	LA = 42 mm LS = 30 mm
452.448	LA = 45 mm LS = 30 mm
452.441	LA = 48 mm LS = 30 mm
452.442	LA = 51 mm LS = 30 mm
452.443	LA = 54 mm LS = 30 mm
452.446	LA = 58 mm LS = 30 mm
452.444	LA = 61 mm LS = 30 mm
452.427	LA = 61 mm LS = 35 mm
452.428	LA = 61 mm LS = 40 mm
452.429	LA = 61 mm LS = 45 mm

Boulon d'ancrage anti-incendie
acier Inox, avec cale et languette
montées au préalable, vis sans
tête M4, écrou de centrage M4

UV = 50 pièces

Utilisation:
Article en fonction de l'épaisseur
de l'élément de remplissage
(voir page 52-14)

452.430	LA = 14 mm LS = 25 mm
452.440	LA = 14 mm LS = 30 mm
452.482	LA = 20 mm LS = 30 mm
452.453	LA = 24 mm LS = 30 mm
452.472	LA = 26 mm LS = 30 mm
452.475	LA = 30 mm LS = 30 mm
452.476	LA = 33 mm LS = 30 mm
452.477	LA = 36 mm LS = 30 mm
452.478	LA = 39 mm LS = 30 mm
452.479	LA = 42 mm LS = 30 mm
452.448	LA = 45 mm LS = 30 mm
452.441	LA = 48 mm LS = 30 mm
452.442	LA = 51 mm LS = 30 mm
452.443	LA = 54 mm LS = 30 mm
452.446	LA = 58 mm LS = 30 mm
452.444	LA = 61 mm LS = 30 mm
452.427	LA = 61 mm LS = 35 mm
452.428	LA = 61 mm LS = 40 mm
452.429	LA = 61 mm LS = 45 mm

Fire-proof anchor
stainless steel, with pre-
assembled key and tenon block,
set screw M4, centring nut M4

PU = 50 pieces

Application:
Article depending on thickness
of infill panels
(see page 52-14)



452.439	L = 14 mm
452.455	L = 17 mm
452.483	L = 20 mm
452.454	L = 24 mm
452.488	L = 26 mm
452.492	L = 30 mm
452.484	L = 33 mm
452.485	L = 36 mm
452.486	L = 39 mm
452.487	L = 42 mm
452.449	L = 45 mm
452.456	L = 48 mm
452.457	L = 51 mm
452.458	L = 54 mm
452.447	L = 58 mm
452.459	L = 61 mm

Glasauflage

Edelstahl, mit Brandschutzanker und Befestigungsschraube M4x10, Auftragswinkel mit Klebefolie für Montage Glasklotz

VE = 20 Stück

Einsatz:

Artikel in Abhängigkeit der Füllelementdicke (siehe Seite 52-14)

452.439	L = 14 mm
452.455	L = 17 mm
452.483	L = 20 mm
452.454	L = 24 mm
452.488	L = 26 mm
452.492	L = 30 mm
452.484	L = 33 mm
452.485	L = 36 mm
452.486	L = 39 mm
452.487	L = 42 mm
452.449	L = 45 mm
452.456	L = 48 mm
452.457	L = 51 mm
452.458	L = 54 mm
452.447	L = 58 mm
452.459	L = 61 mm

Support de verre

acier Inox, avec boulon d'ancrage anti-incendie et vis de fixation M4x10, cornière d'appui avec bande adhésive pour montage cale de verre

UV = 20 pièces

Utilisation:

Article en fonction de l'épaisseur de l'élément de remplissage (voir page 52-14)

452.439	L = 14 mm
452.455	L = 17 mm
452.483	L = 20 mm
452.454	L = 24 mm
452.488	L = 26 mm
452.492	L = 30 mm
452.484	L = 33 mm
452.485	L = 36 mm
452.486	L = 39 mm
452.487	L = 42 mm
452.449	L = 45 mm
452.456	L = 48 mm
452.457	L = 51 mm
452.458	L = 54 mm
452.447	L = 58 mm
452.459	L = 61 mm

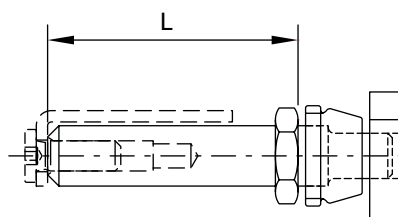
Glazing support

stainless steel, with fire-proofing anchor and fastening screw M4x10, angle support with adhesive foil for installation glazing bridge

PU = 20 pieces

Application:

Article depending on thickness of infill panels (see page 52-14)





453.016	23 x 6 mm
453.026	25 x 6 mm
453.027	19 x 6 mm
453.028	8 x 6 mm
453.029	29 x 6 mm
453.030	32 x 6 mm
453.031	35 x 6 mm
453.032	38 x 6 mm
453.033	41 x 6 mm
453.034	44 x 6 mm
453.072	57 x 6 mm

Glasklotz
 Promatect-H, Länge 80 mm,
 imprägniert

VE = 20 Stück

Einsatz:
Artikel in Abhängigkeit der
Füllelementdicke
(siehe Seite 52-14)

453.016	23 x 6 mm
453.026	25 x 6 mm
453.027	19 x 6 mm
453.028	8 x 6 mm
453.029	29 x 6 mm
453.030	32 x 6 mm
453.031	35 x 6 mm
453.032	38 x 6 mm
453.033	41 x 6 mm
453.034	44 x 6 mm
453.072	57 x 6 mm

Cale de verre
 Promatect-H, longueur 80 mm,
 imprégné

UV = 20 pièces

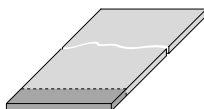
Utilisation:
Article en fonction de l'épaisseur
de l'élément de remplissage
(voir page 52-14)

453.016	23 x 6 mm
453.026	25 x 6 mm
453.027	19 x 6 mm
453.028	8 x 6 mm
453.029	29 x 6 mm
453.030	32 x 6 mm
453.031	35 x 6 mm
453.032	38 x 6 mm
453.033	41 x 6 mm
453.034	44 x 6 mm
453.072	57 x 6 mm

Glazing bridge
 Promatect-H, length 80 mm,
 impregnated

PU = 20 pieces

Application:
Article depending on thickness
of infill panels
(see page 52-14)



453.070
Glasklotz
 glasfaserverstärkter Kunststoff,
 80 x 5 mm, Zuschnitt entspre-
 chend Füllelementstärke durch
 Metallbauer

VE = 1 Stück à 1000 mm

Einsatz:
Artikel in Abhängigkeit der
Füllelementdicke
(siehe Seite 52-14)

453.070
Cale de verre
 Plastique renforcé par fibres de
 verre, 80 x 5 mm, découpe par
 le constructeur métallique selon
 l'épaisseur des éléments de
 remplissage

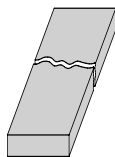
UV = 1 pièce à 1000 mm

Utilisation:
Article en fonction de l'épaisseur
de l'élément de remplissage
(voir page 52-14)

453.070
Glazing bridge
 glass fibre reinforced plastic,
 80 x 5 mm, to be cut by a sheet
 metal worker according to thick-
 ness of the filling material

PU = 1 piece, 1000 mm each

Application:
Article depending on thickness
of infill panels
(see page 52-14)



451.081

Brandschutzlaminat
 selbstklebend, 7,2 x 1,8 mm

VE = 50 Stück à 1075 mm

Einsatz:
 Anpressprofil Pfosten und Riegel

451.081

Bande de protection-incendie
 auto-adhésive, 7,2 x 1,8 mm

UV = 50 pièces à 1075 mm

Utilisation:
 Profilé de fixation montant et traverse

451.081

Fire protection laminate
 self-adhesive, 7,2 x 1,8 mm

PU = 50 pieces, 1075 mm each

Application:
 Clamping section mullion and transom



451.080

Brandschutzlaminat
 selbstklebend, 14,4 x 1,8 mm

VE = 1 Rolle à 25 m

Einsatz:
 Im Glasfalz-Bereich bei
 EI90-Verglasungen

451.080

Bande de protection-incendie
 auto-adhésive, 14,4 x 1,8 mm

UV = 1 rouleau à 25 m

Utilisation:
 Dans la feuillure à verre pour
 les vitrages EI90

451.080

Fire protection laminate
 auto-adhesive, 14,4 x 1,8 mm

PU = 1 roll, 25 m each

Application:
 In glazing rebate area for
 EI90 glazing



499.006

2 mm Sechskant-Bit
zum Eindrehen der M4-
Gewindestifte der Brand-
schutzanker

VE = 2 Stück

499.006

**Embout de tournevis
6-pans 2 mm**
pour visser les vis sans tête
M4 du boulon d'ancrage anti-
incendie

UV = 2 pièces

499.006

2 mm hexagonal bit
for inserting M4 set screws of
fire-proof anchor

PU = 2 pieces



499.254

TV-Werkzeugset

VE = 1 Steckschlüssel SW 11
1 Positionierhilfe 25 mm
1 Positionierhilfe 32 mm

499.254

Jeu d'outils TV

UV = 1 clé à pipe SW 11
1 aide de réglage 25 mm
1 aide de réglage 32 mm

499.254

TV tool kit

PU = 1 box spanner size 11
1 positioning aid 25 mm
1 positioning aid 32 mm



499.206

Abziehhebel
für die Demontage der
aufgeklipsten Abdeckprofile

VE = 1 Stück

499.206

Levier de démontage
pour le démontage des profilés
de recouvrement clipsés

UV = 1 pièce

499.206

Stripping lever
for disassembly of the clipped on
cover profile

PU = 1 piece

Saalbau Philharmonie, Essen/D (Architekt: Busmann + Haberer GmbH, Köln/D)



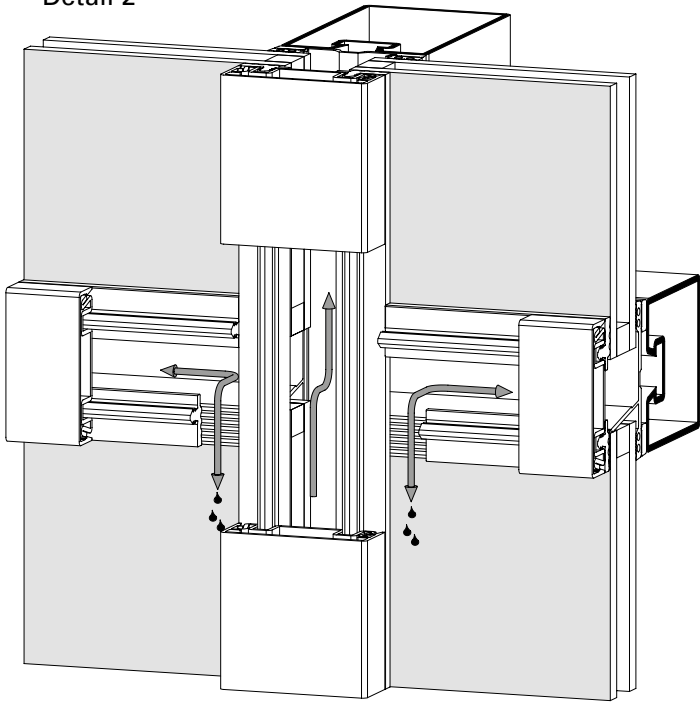
System-Hinweise		VISS Fire TVS (vertikal)	
Remarques concernant les systèmes		VISS Fire TVS (vertical)	
System instructions		VISS Fire TVS (vertical)	
System-Hinweise	Remarques concernant les systèmes	System instructions	
Glasfalz-Belüftung / Glasfalz-Entwässerung	Ventilation de feuillure de verre / Drainage de la feuillure à verre	Glazing rebate ventilation / Glazing rebate drainage	22
U _f -Werte nach EN 10077-2	Valeurs U _f selon EN 10077-2	U _f values according to EN 10077-2	24
Schnittpunkte E30	Coupe de détails E30	Section details E30	26
Konstruktions-Details E30	Détails de construction E30	Constructions details E30	28
Anschlüsse am Bau E30	Raccordement au mur E30	Attachment to structure E30	36
Schnittpunkte EI30 / EI60 / EI90	Schnittpunkte EI30 / EI60 / EI90	Schnittpunkte EI30 / EI60 / EI90	48
Konstruktions-Details EI30 / EI60 / EI90	Détails de construction EI30 / EI60 / EI90	Constructions details EI30 / EI60 / EI90	58
Anschlüsse am Bau EI30 / EI60 / EI90	Raccordement au mur EI30 / EI60 / EI90	Attachment to structure EI30 / EI60 / EI90	66
Verarbeitungs-Hinweise	Indications d'usinage	Assembly instructions	77

Glasfalz-Belüftung/
Glasfalz-Entwässerung

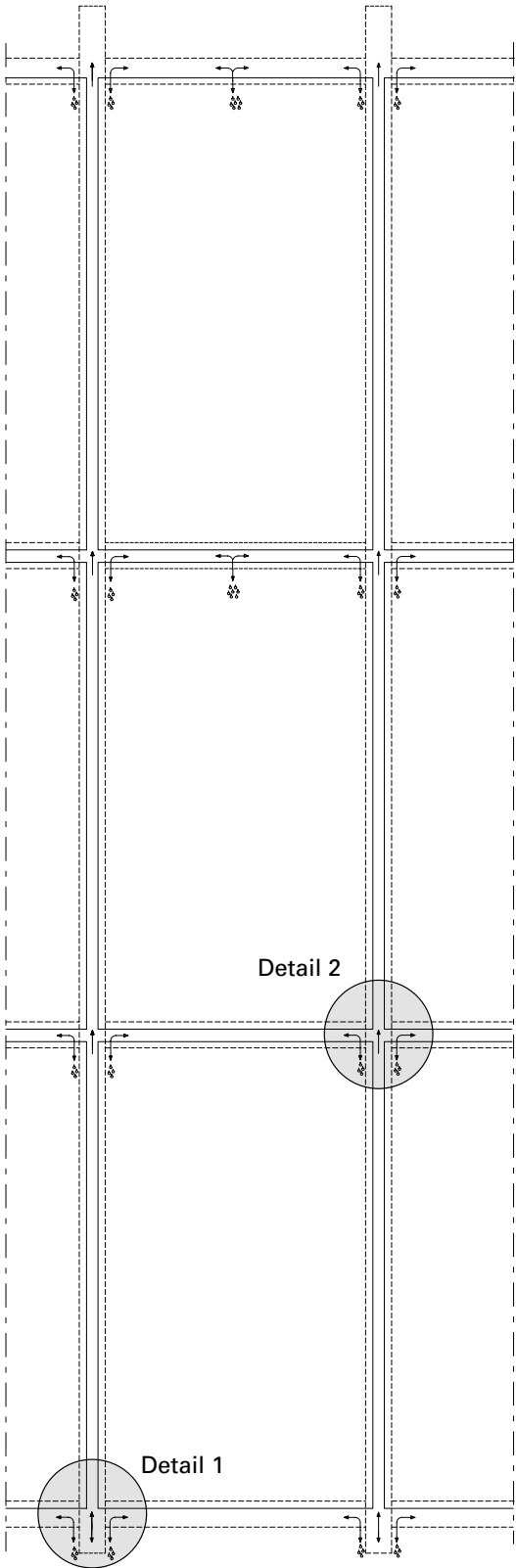
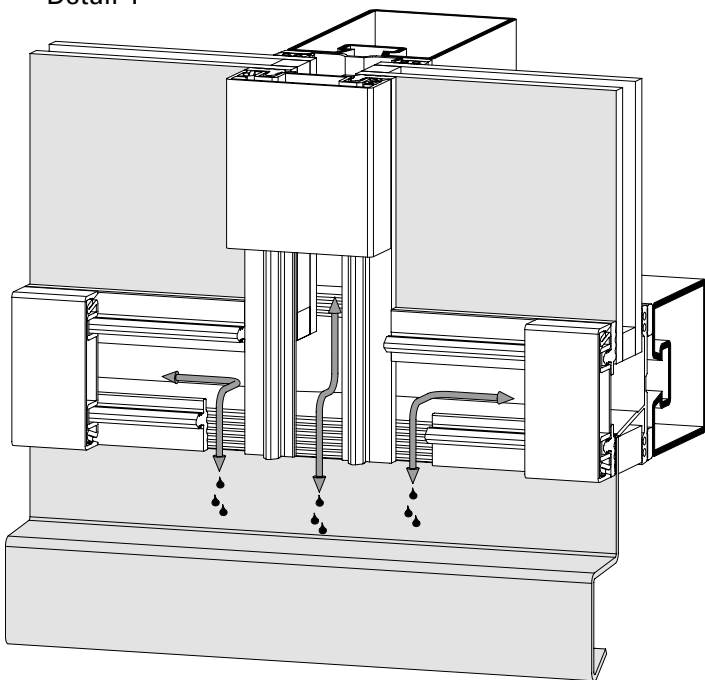
Ventilation de feuillures de verre/
Drainage de la feuillure à verre

Glazing rebate ventilation/
Glazing rebate drainage

Detail 2



Detail 1

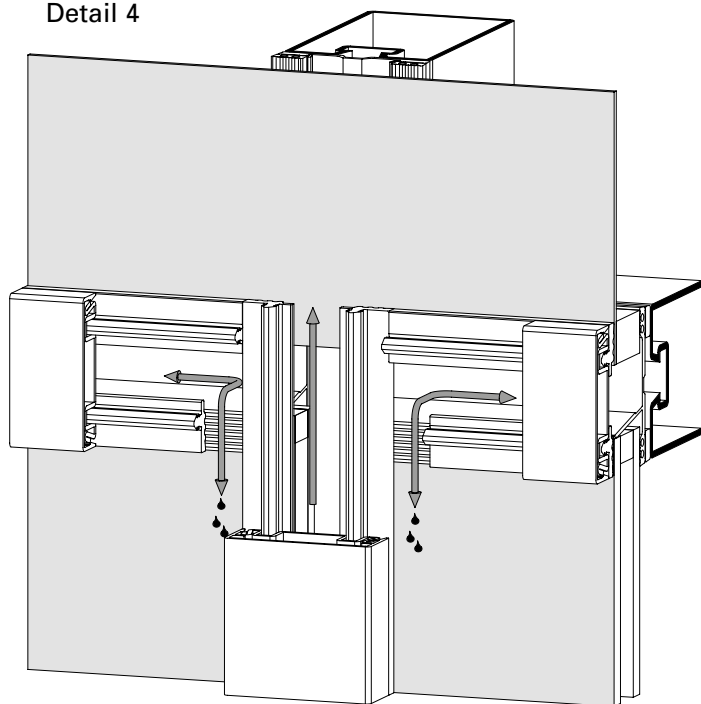


**Glasfalz-Belüftung/
 Glasfalz-Entwässerung**

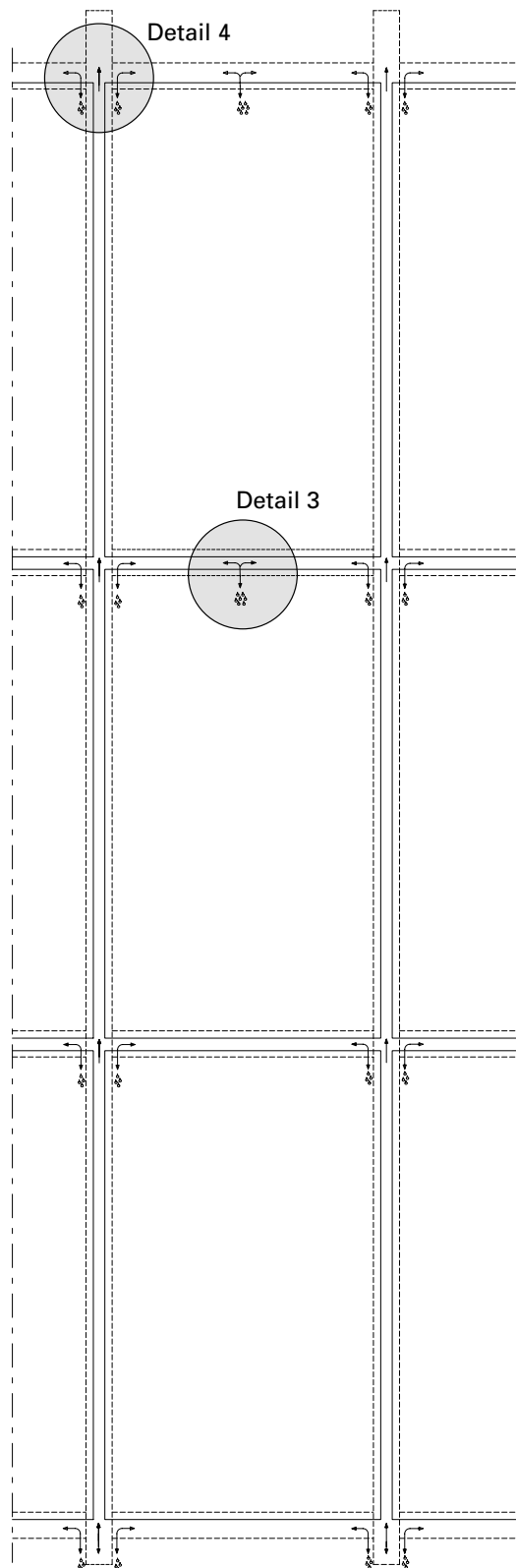
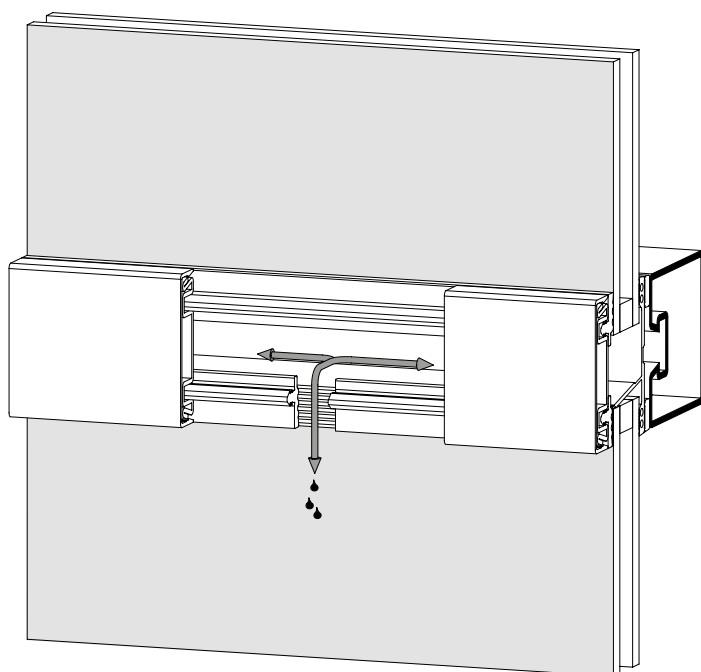
**Ventilation de feuillures de verre/
 Drainage de la feuillure à verre**

**Glazing rebate ventilation/
 Glazing rebate drainage**

Detail 4



Detail 3



System-Hinweise

Remarques concernant les systèmes

System instructions

VISS Fire TVS (vertikal)

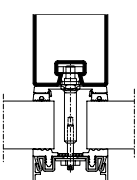
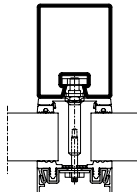
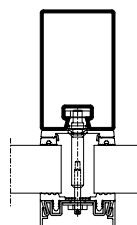
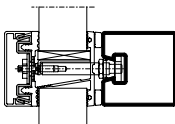
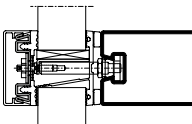
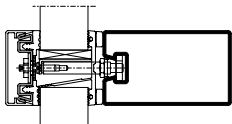
VISS Fire TVS (vertical)

VISS Fire TVS (vertical)

U_f-Werte nach EN 10077-2
VISS Fire TVS (vertikal) 50 mm

Valeurs U_f selon EN 10077-2
VISS Fire TVS (vertical) 50 mm

U_f values according to 10077-2
VISS Fire TVS (vertical) 50 mm

						
Glas Verre Glass	Pfosten 50/50 Montant 50/50 Mullion 50/50	Pfosten 50/95 Montant 50/95 Mullion 50/95	Pfosten 50/140 Montant 50/140 Mullion 50/140	Riegel 50/50 Traverse 50/50 Transom 50/50	Riegel 50/95 Traverse 50/95 Transom 50/95	Riegel 50/140 Traverse 50/140 Transom 50/140
10 mm	2,1 W/m²K	2,2 W/m²K	2,2 W/m²K	2,2 W/m²K	2,3 W/m²K	2,3 W/m²K
15 mm	1,9 W/m²K	1,9 W/m²K	2,0 W/m²K	2,0 W/m²K	2,0 W/m²K	2,0 W/m²K
20 mm	1,7 W/m²K	1,8 W/m²K	1,8 W/m²K	1,8 W/m²K	1,9 W/m²K	1,9 W/m²K
25 mm	1,7 W/m²K	1,7 W/m²K	1,7 W/m²K	1,7 W/m²K	1,8 W/m²K	1,8 W/m²K
30 mm	1,6 W/m²K	1,6 W/m²K	1,6 W/m²K	1,6 W/m²K	1,7 W/m²K	1,7 W/m²K
35 mm	1,5 W/m²K	1,5 W/m²K	1,6 W/m²K	1,6 W/m²K	1,6 W/m²K	1,6 W/m²K
40 mm	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K
45 mm	1,4 W/m²K	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K	1,5 W/m²K
50 mm	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K
55 mm	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K
70 mm	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K	1,4 W/m²K

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

Einbau mit Edelstahl-Anpressprofil
und schwer entflammaren
Dichtungen.

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

Montage avec profilé de fixation
en acier Inox et joints difficilement
combustible.

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

Installation with stainless steel
clamping section and flame retardant
gaskets.



VISS Fire TVS (vertikal)
Brandschutzverglasung
Klasse E

Hinweis:

Bei der Auswahl von Schnittpunkten, Konstruktions-Details und Bauanschlüssen sind die landesspezifischen Brandschutz-Zulassungen und Vorschriften zwingend zu beachten!



VISS Fire TVS (vertical)
Vitrage pare-flammes
Classe E

Note:

Les certificats de protection incendie et les prescriptions spécifiques au pays doivent être impérativement respectés lors du choix des coupe de détails, des détails de construction et des raccordements au mur!



VISS Fire TVS (vertical)
Fire protection glazing
Class E

Note:

When selecting section details, construction details and attachment to structure, the national fire-protection approvals and regulations must be observed (mandatory)!

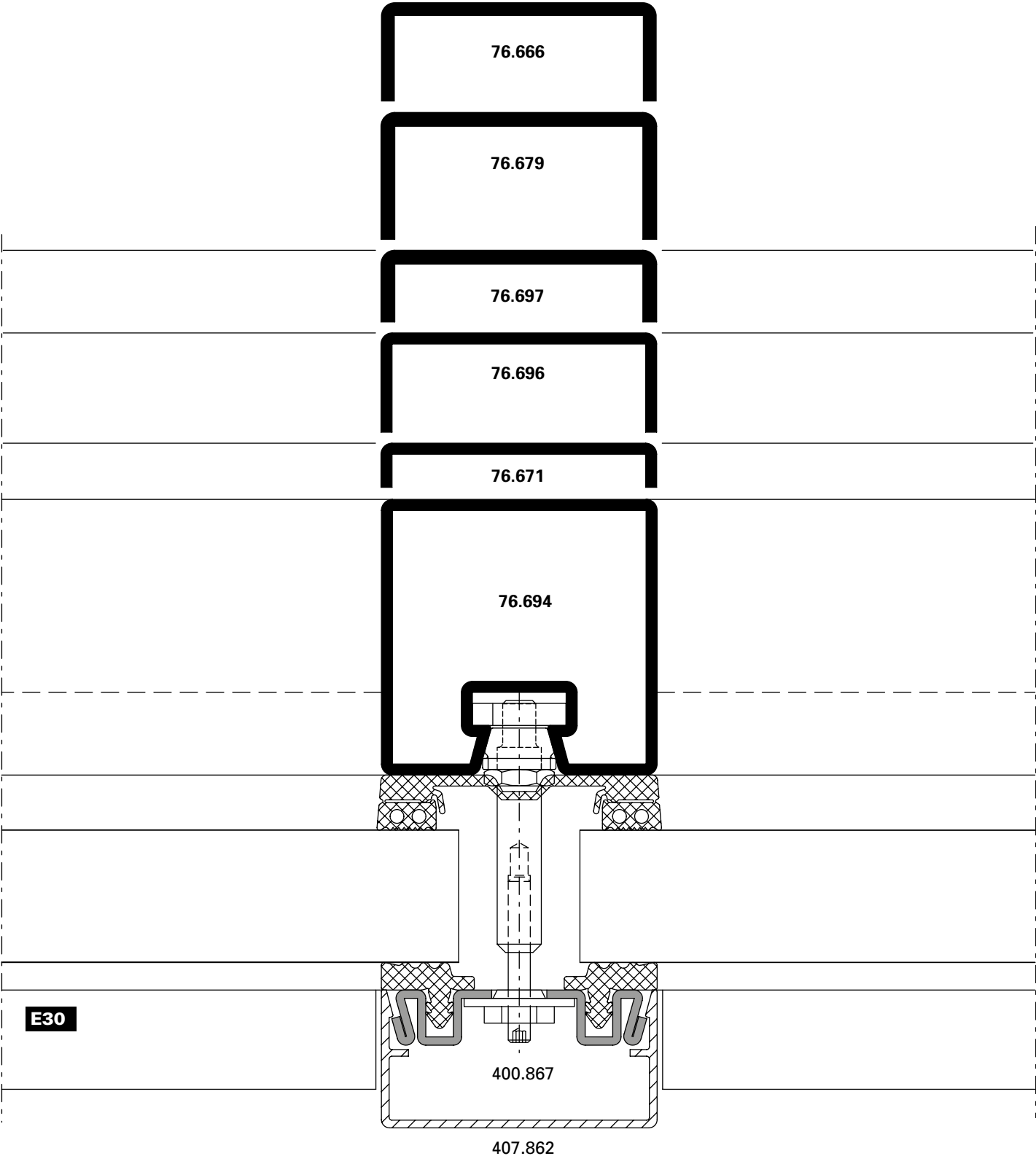
Ocean Terminal, Southampton/UK (Architekt: The Manser Practice, London/UK)



Pfosten-Detail

Détail du montant

Detail of mullion



DXF

DWG

D-402-C-001

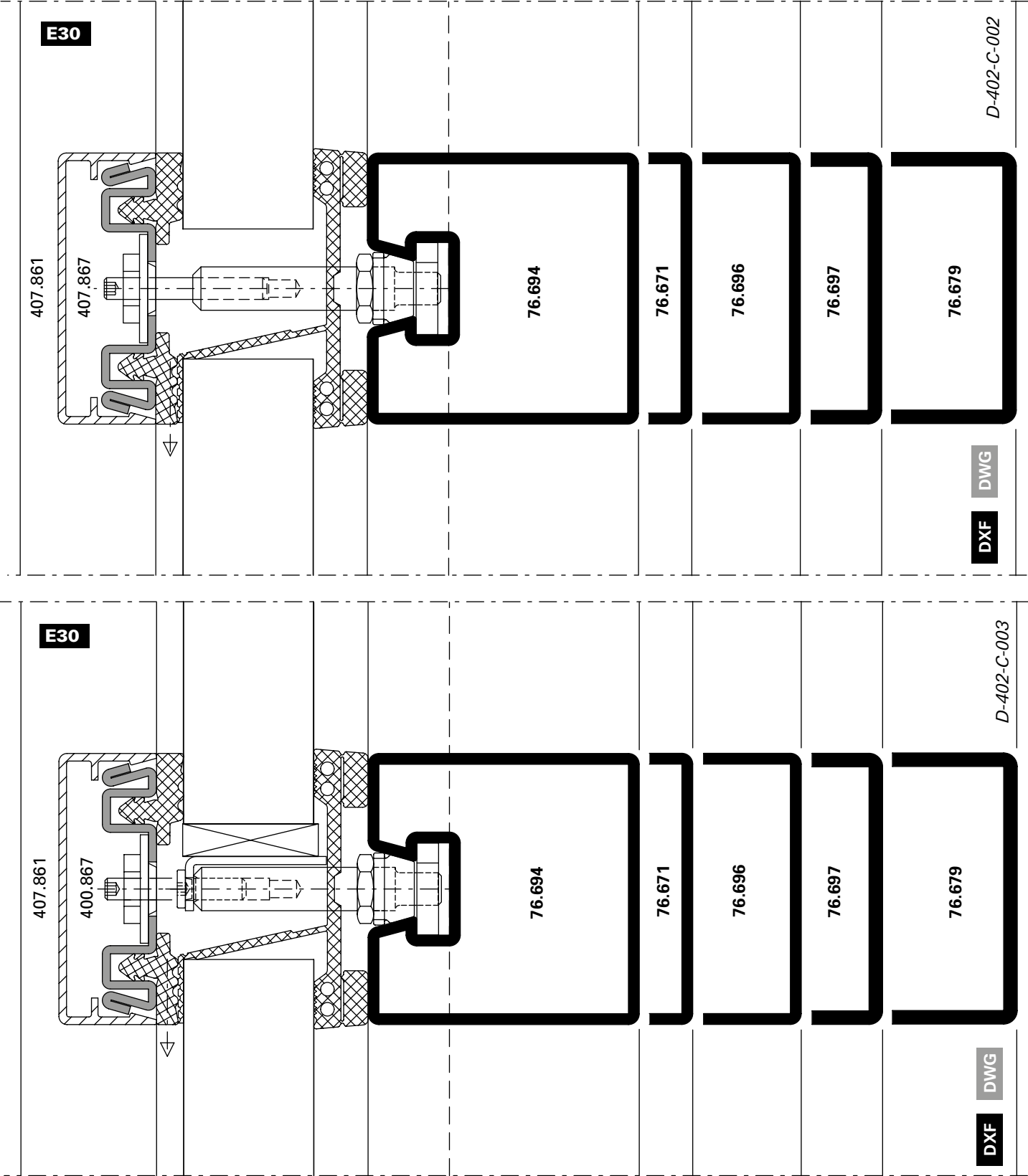
Schnittpunkte im Massstab 1:1
Coupe de détails à l'échelle 1:1
Section details on scale 1:1

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)

Riegel-Detail

Détail de la traverse

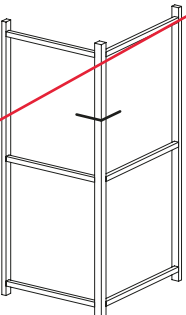
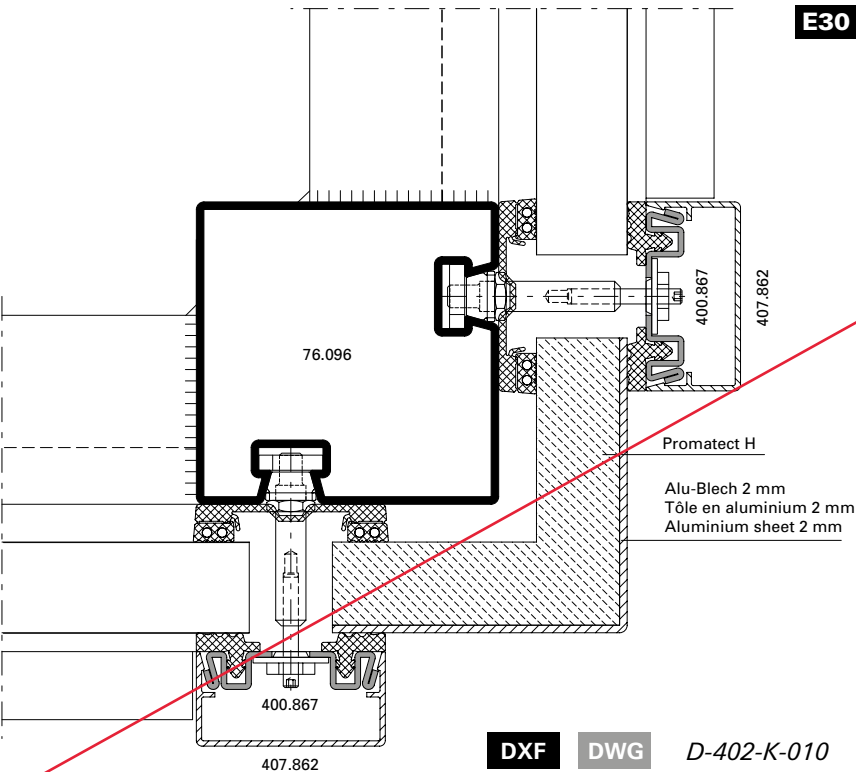
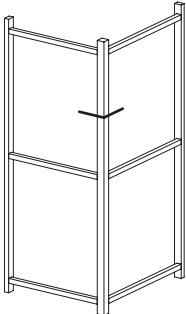
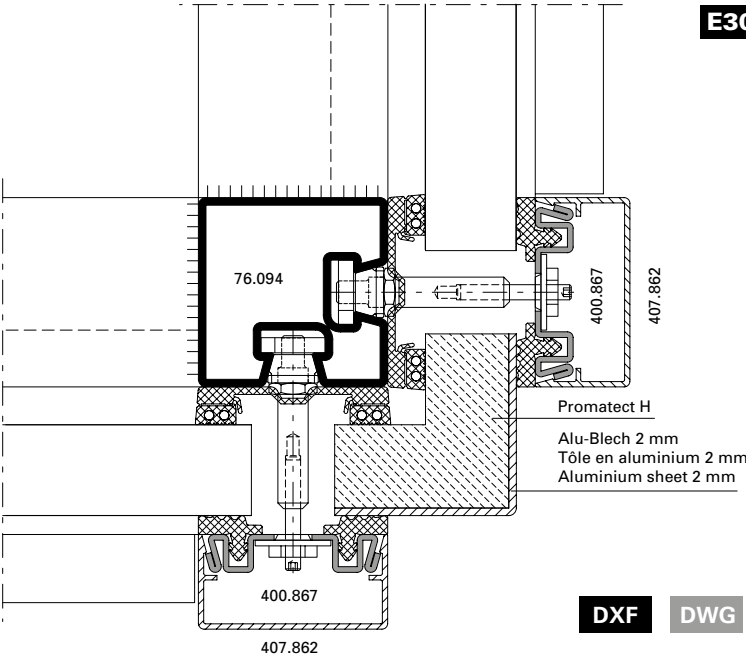
Detail of transom



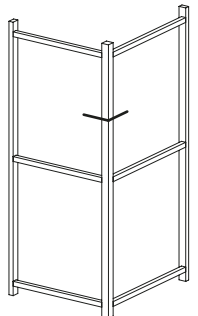
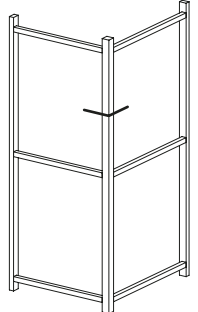
Eckausbildung 90°

Formation d'angle 90°

90° corner construction



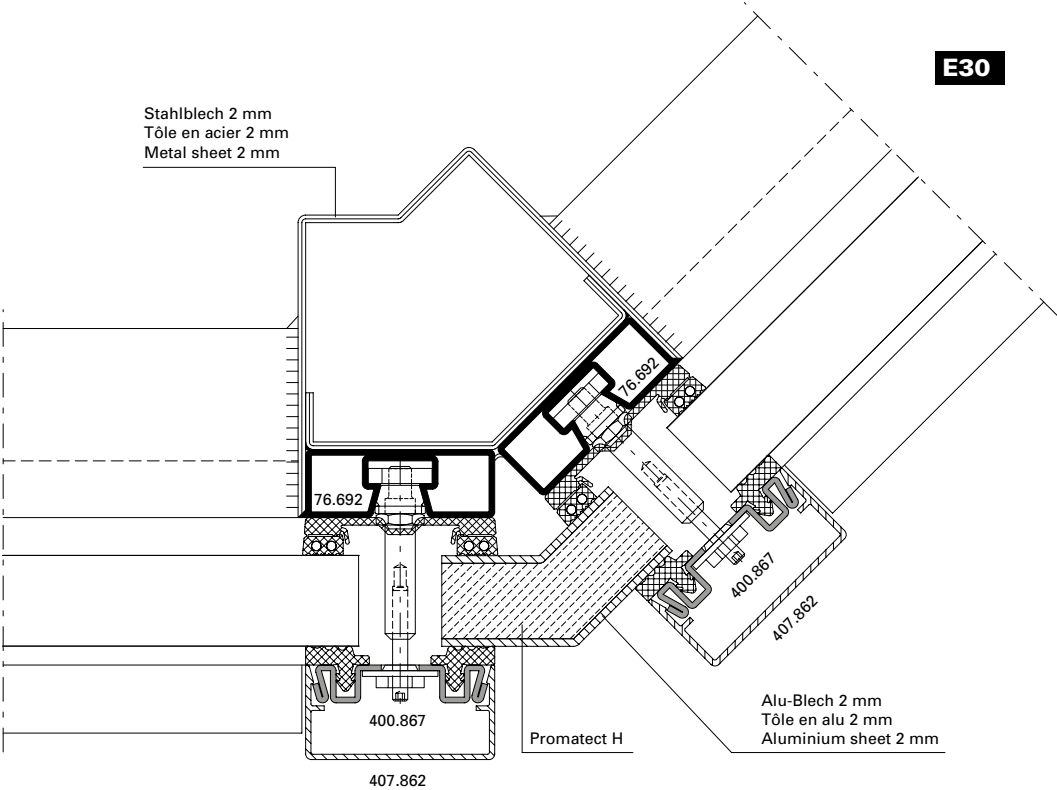
90° corner construction



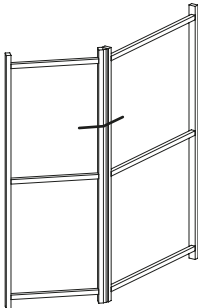
Aussenecke 135°

Angle extérieur 135°

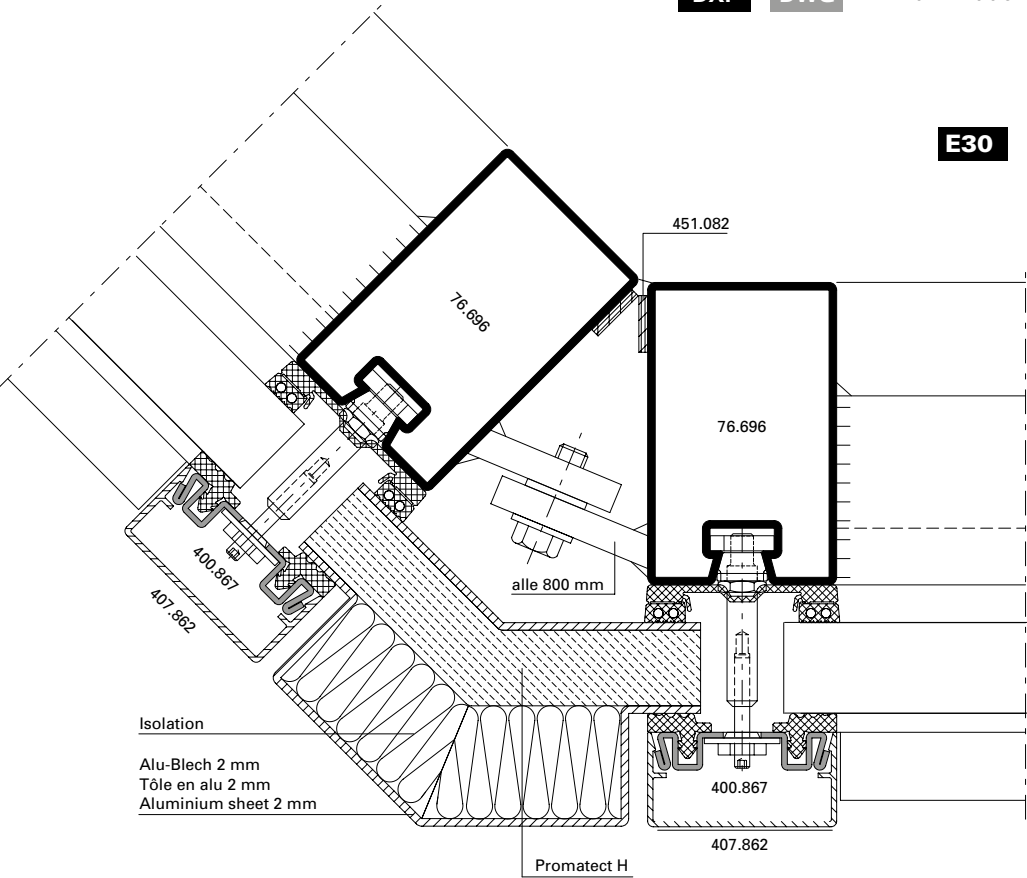
Outer corner 135°



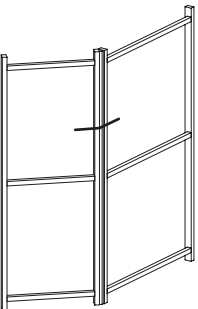
E30



DXF DWG D-402-K-006



E30



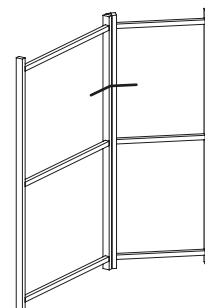
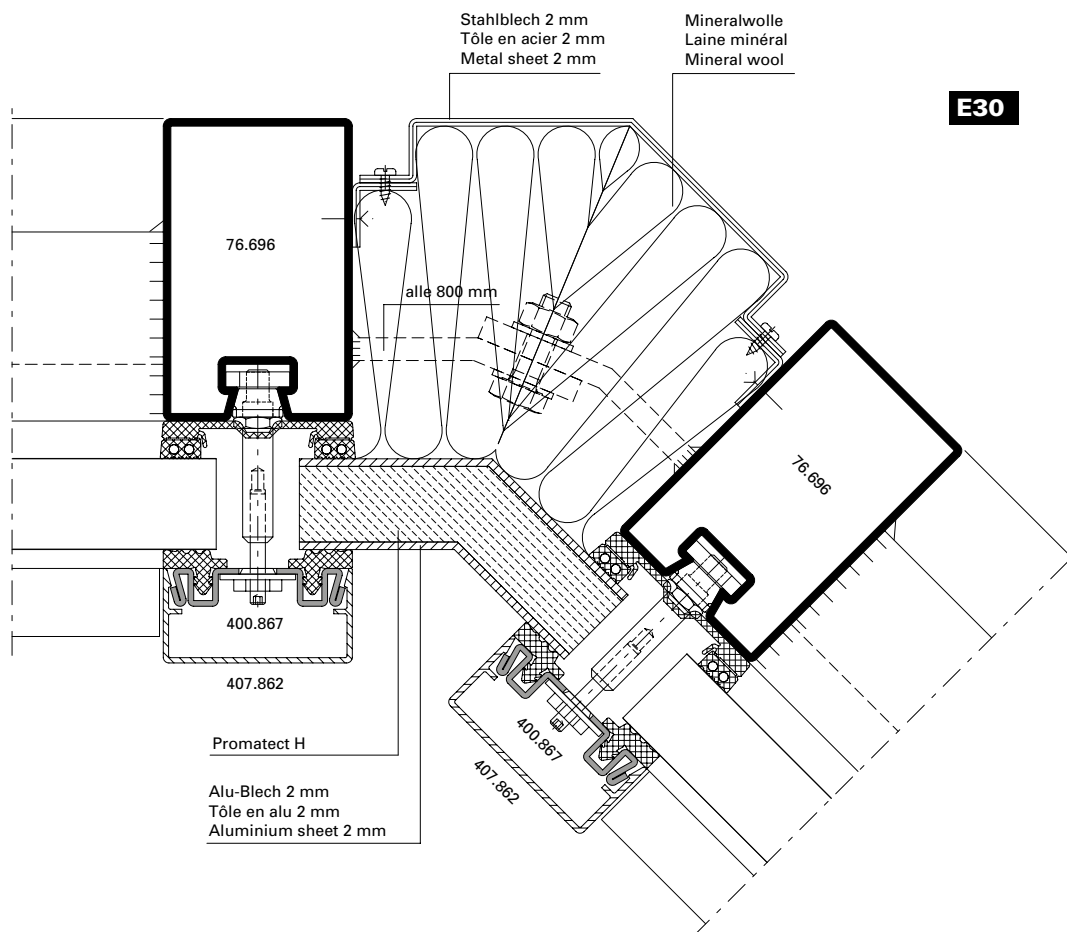
DXF DWG

D-402-K-004

Innenecke 135°

Angle intérieur 135°

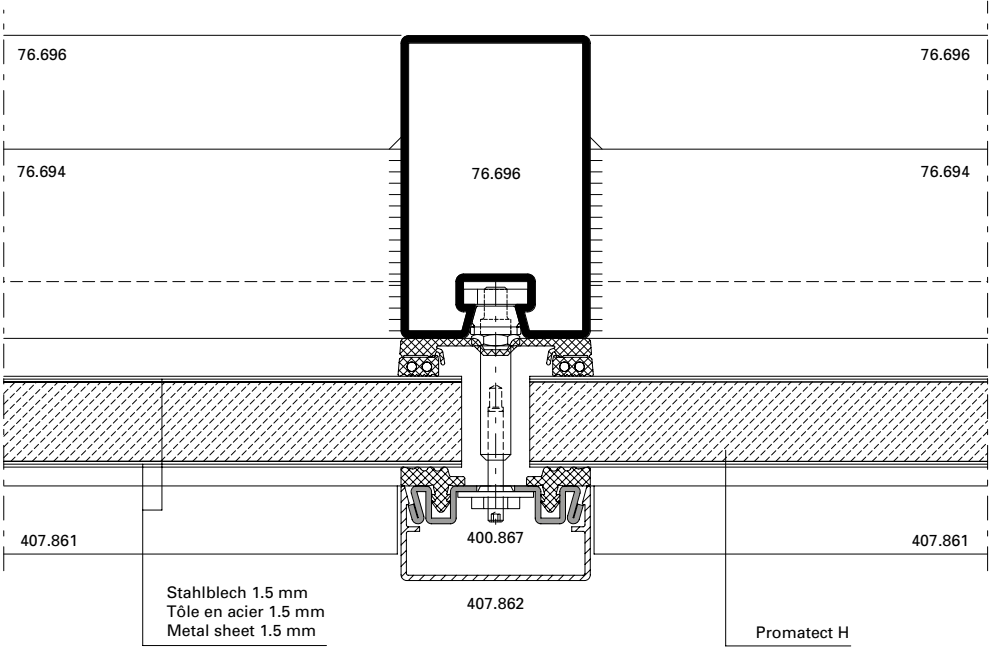
Inner corner 135°



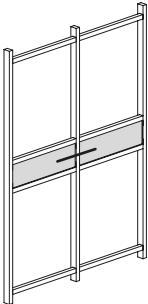
Paneel-Ausbildungen

Agencements de panneau

Panel designs



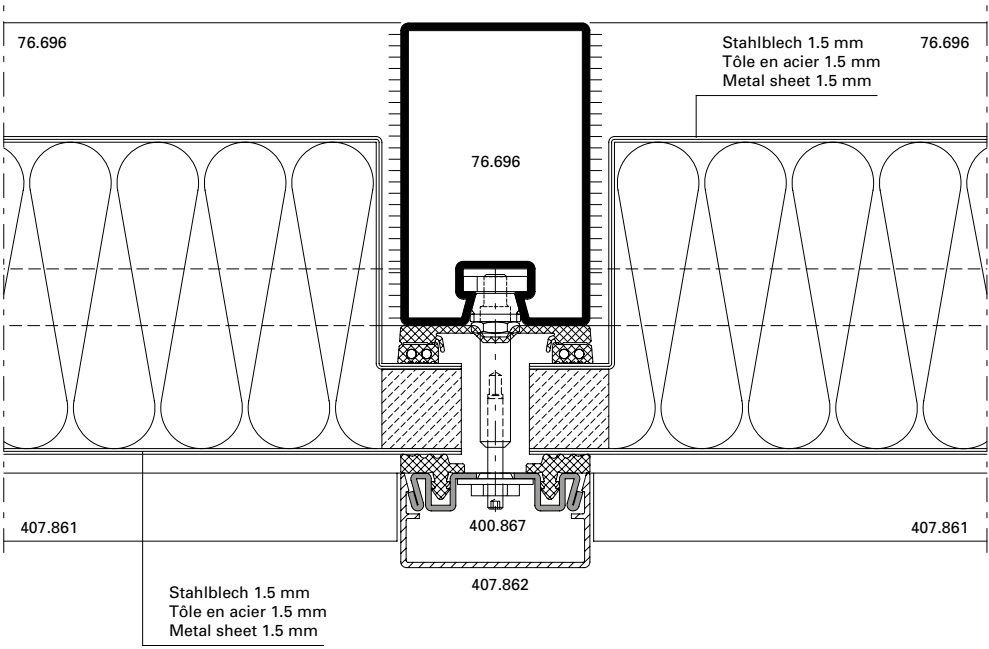
E30



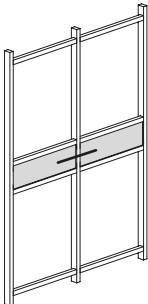
DXF

DWG

D-402-K-001



E30



DXF

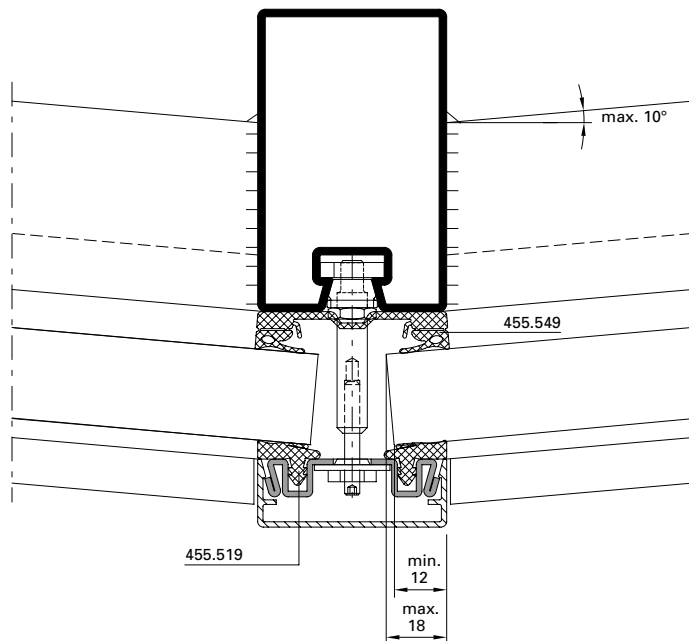
DWG

D-402-K-002

Segment-Pfosten

Montant segment

Segmented mullion

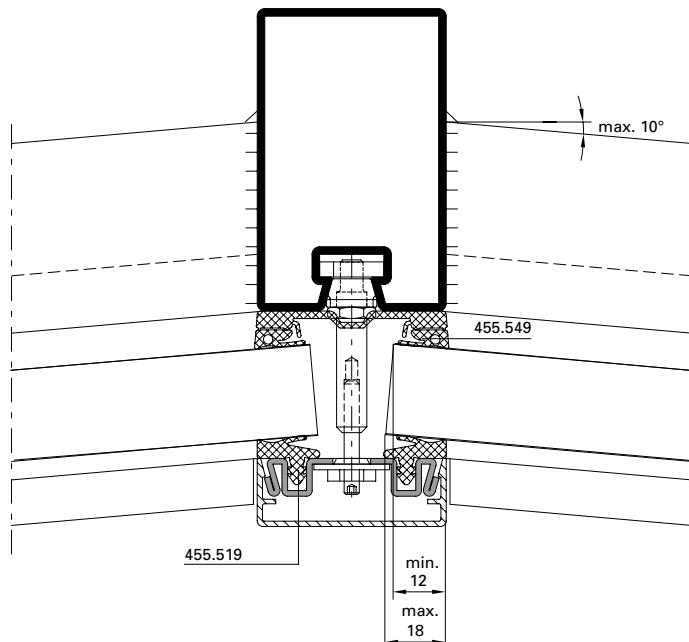
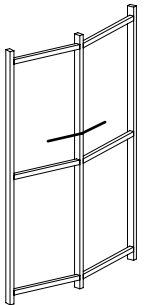


E30

DXF

DWG

D-402-K-013

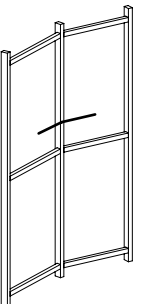


E30

DXF

DWG

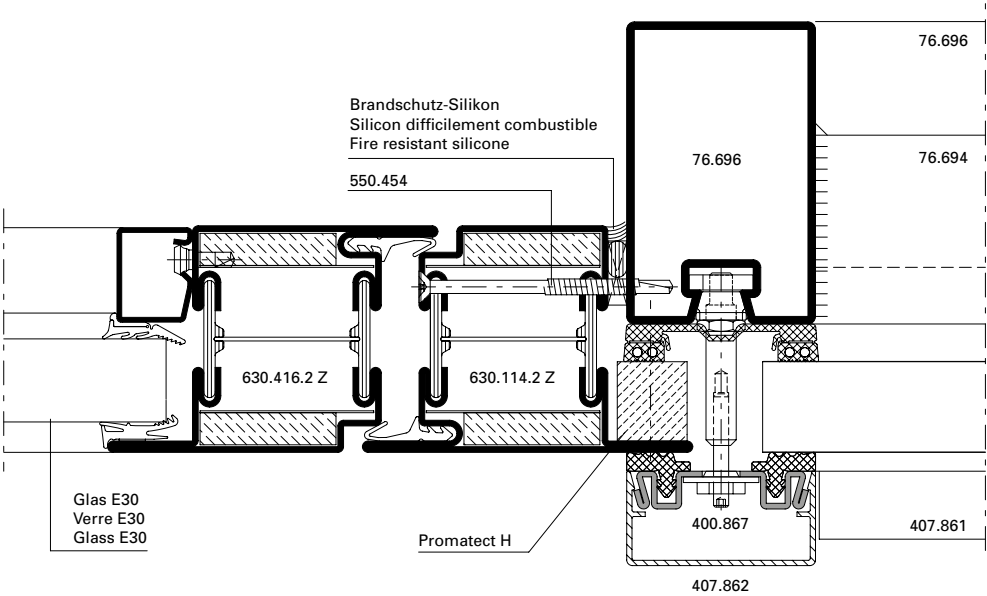
D-402-K-014



Einsatzelemente Türen

Éléments de remplissage portes

Infill elements doors

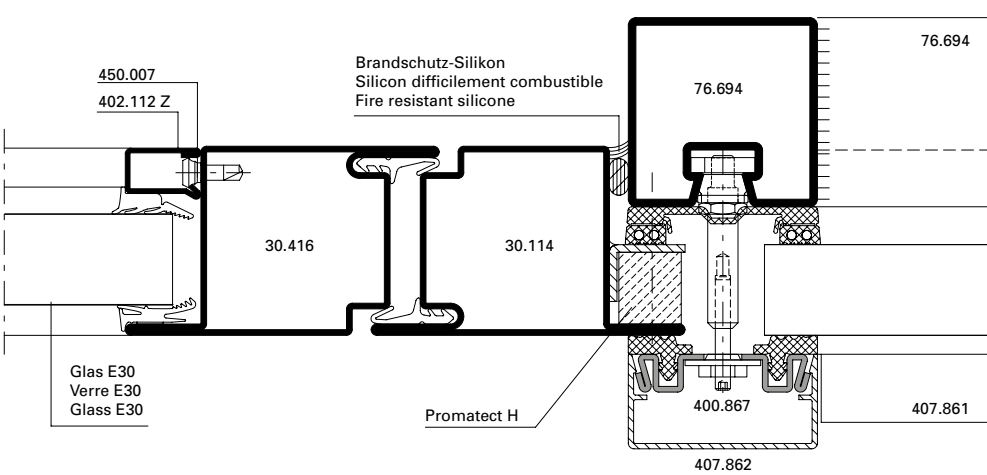
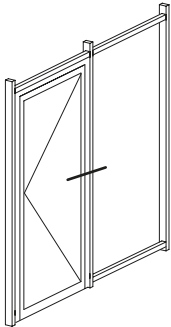


E30

DXF

DWG

D-402-K-003

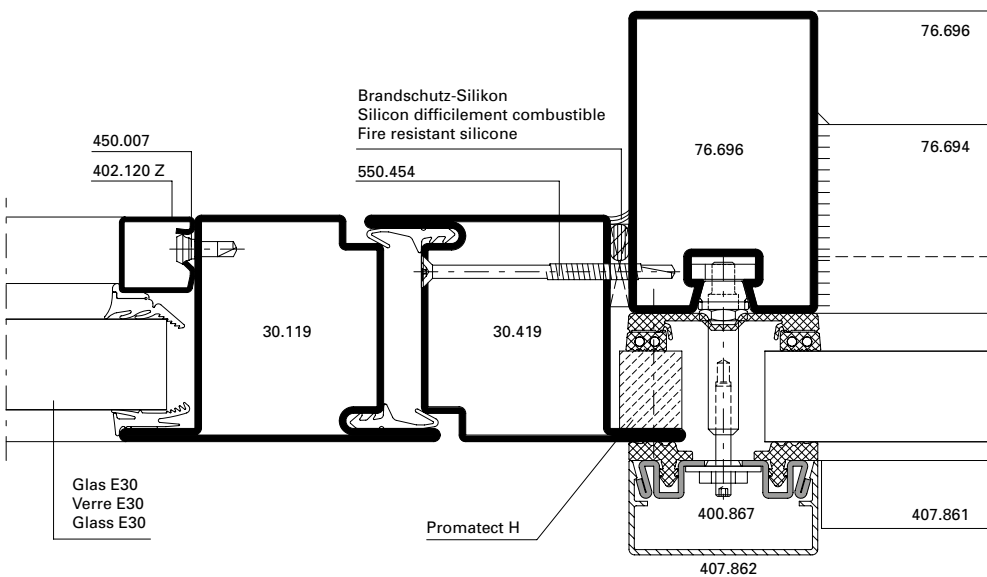
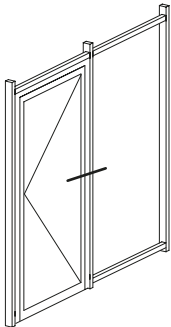


E30

DXF

DWG

D-402-K-008

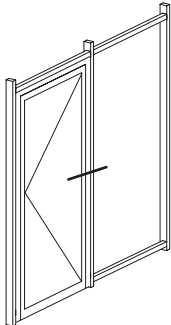


E30

DXF

DWG

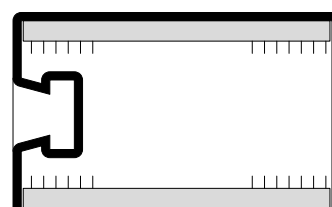
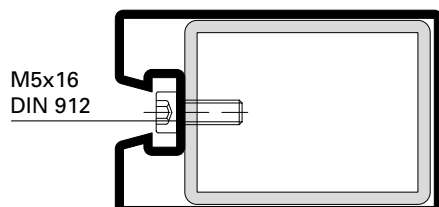
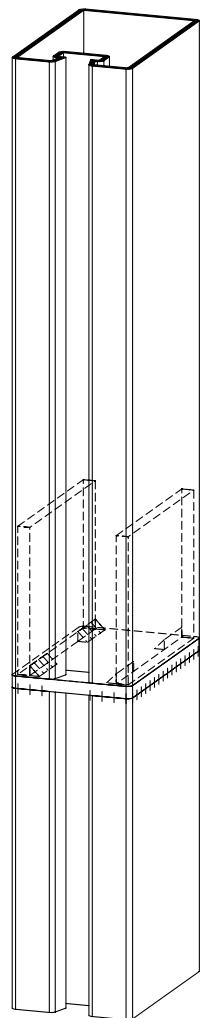
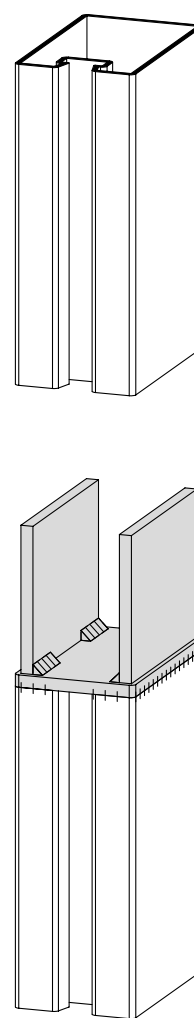
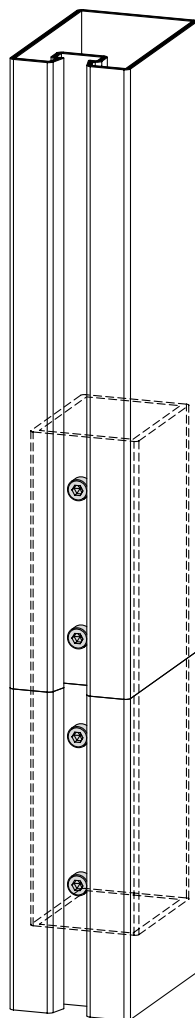
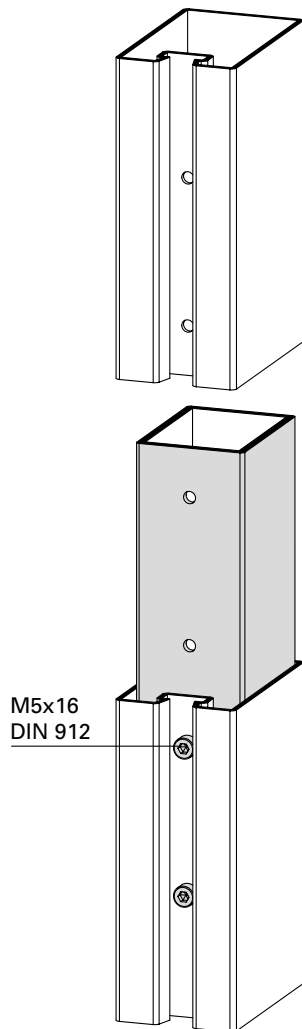
D-402-K-007



Pfostenstoss

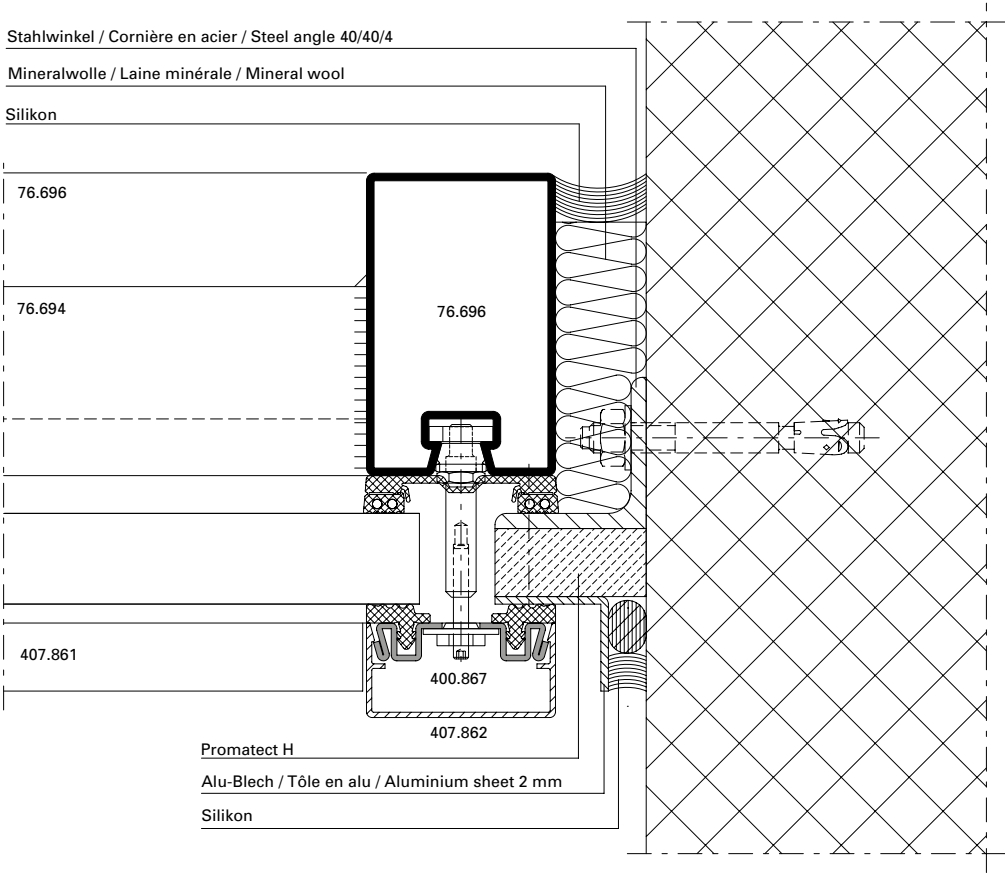
Joint de montant

Mullion joint

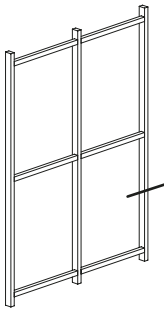


Anschlüsse am Bau im Massstab 1:2
Raccordement au mur à l'échelle 1:2
Attachment to structure on scale 1:2

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



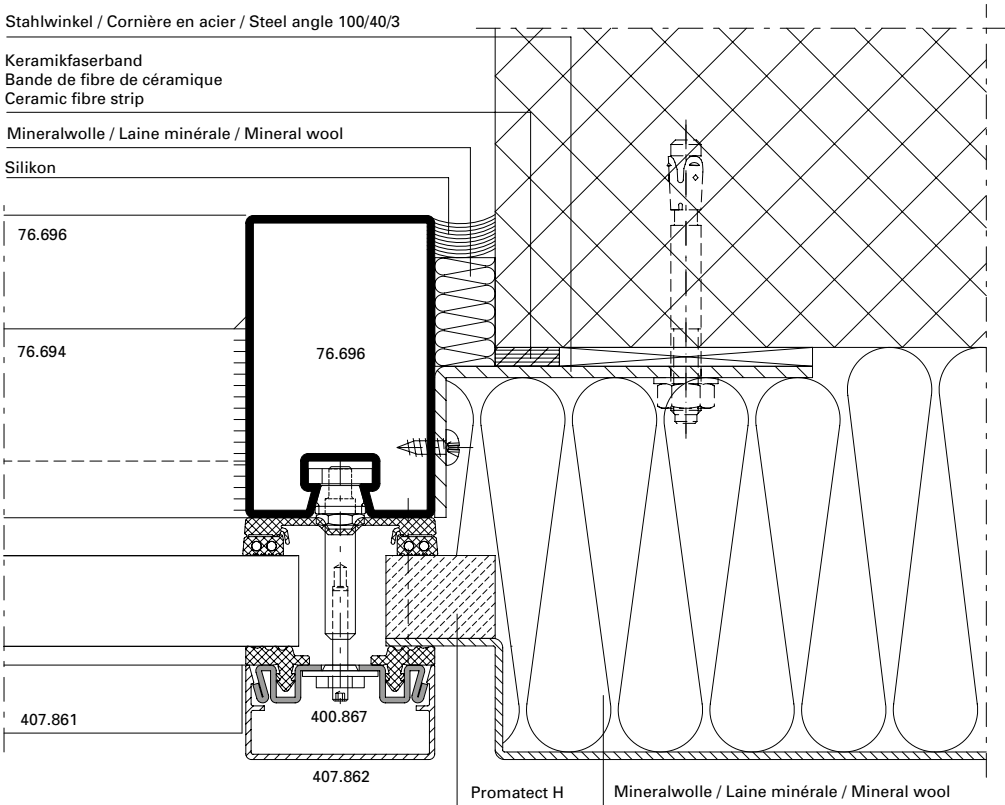
E30



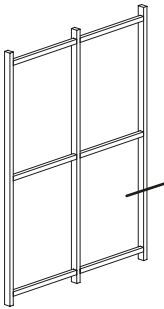
DXF

DWG

D-402-A-001



E30



DXF

DWG

D-402-A-002

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

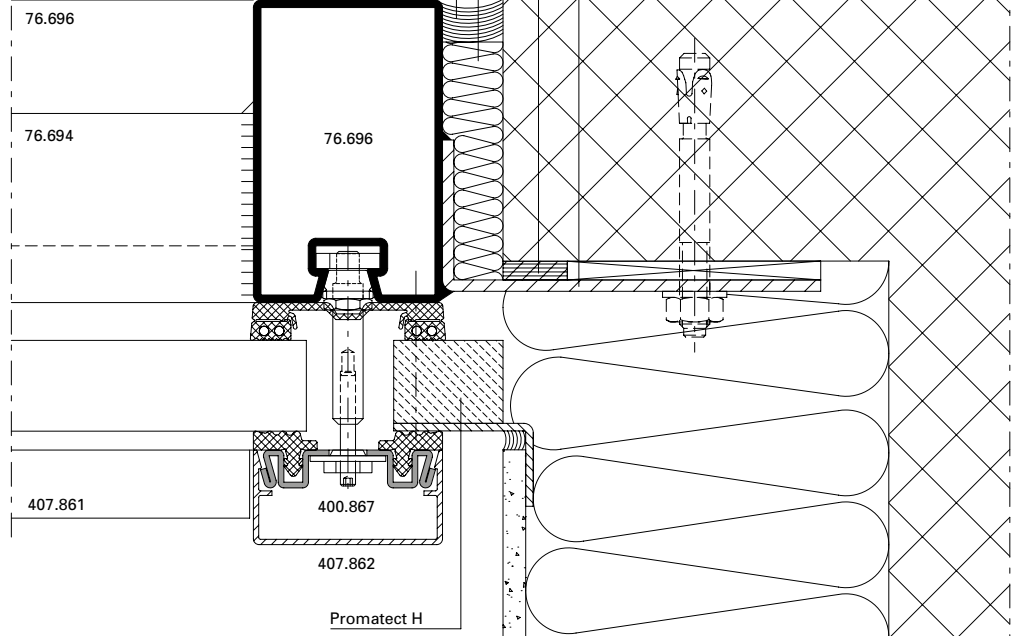
VISS Fire TVS (vertikal)
 VISS Fire TVS (vertical)
 VISS Fire TVS (vertical)

Stahlwinkel / Cornière en acier / Steel angle 100/40/3

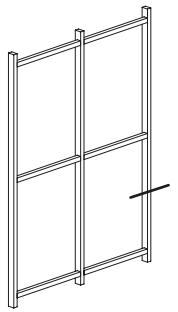
Keramikfaserband
 Bande de fibre de céramique
 Ceramic fibre strip

Mineralwolle / Laine minérale / Mineral wool

Silikon



E30

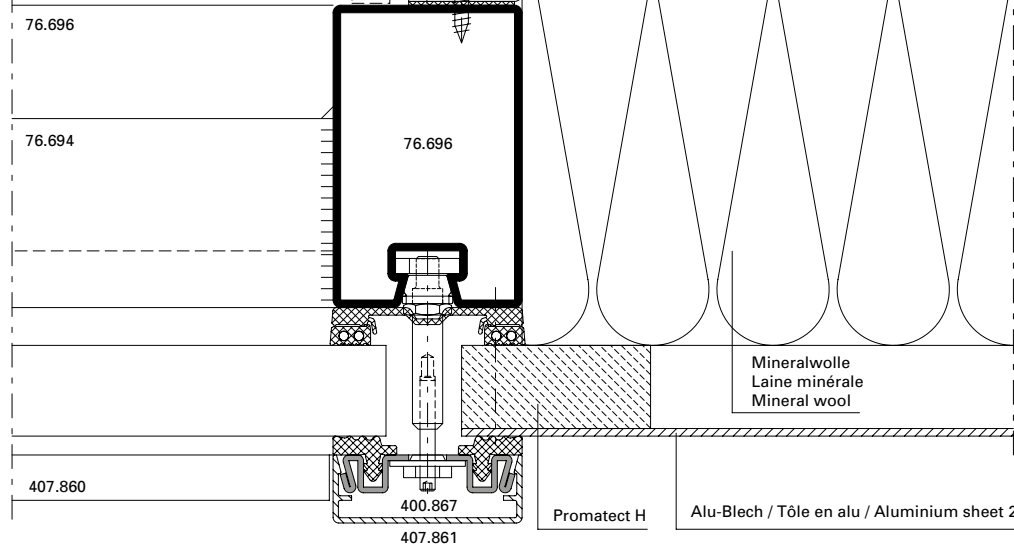


DXF **DWG**

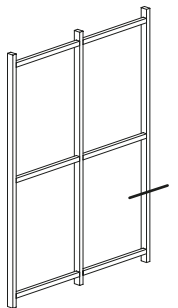
D-402-A-003

Stahlwinkel > 2 mm
 Cornière en acier > 2 mm
 Steel angle > 2 mm

Keramikfaserband
 Bande de fibre de céramique
 Ceramic fibre strip



E30



DXF **DWG**

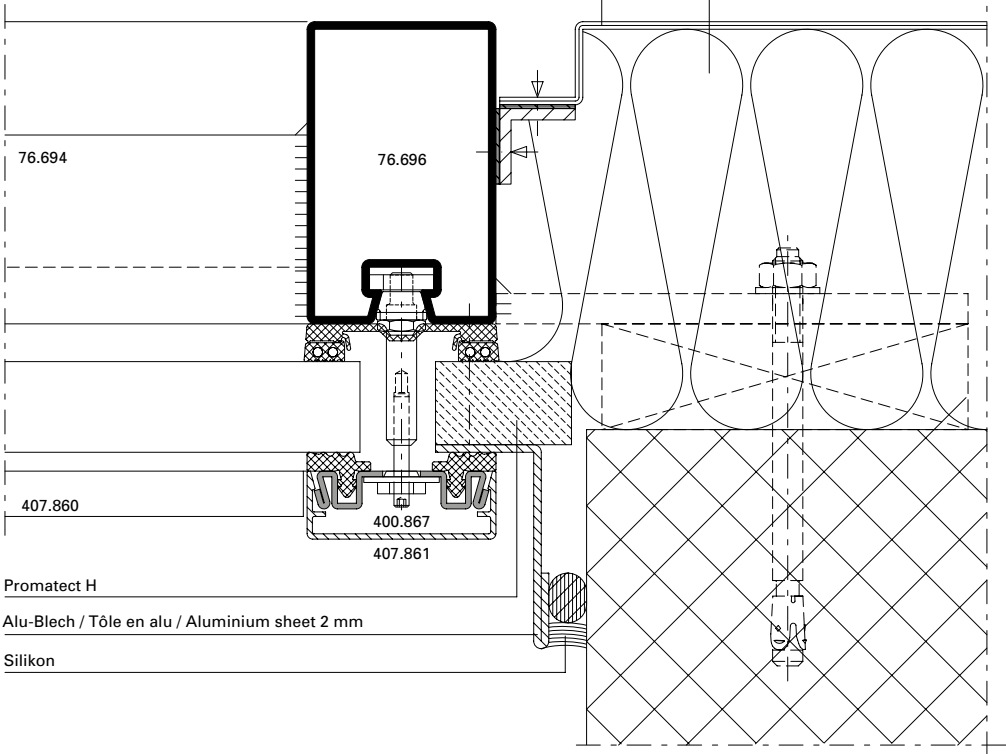
D-402-A-004

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

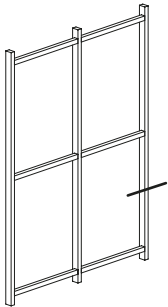
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)

Mineralwolle / Laine minérale / Mineral wool

Stahl-Blech / Tôle en acier / Steel sheet 2 mm



E30



DXF

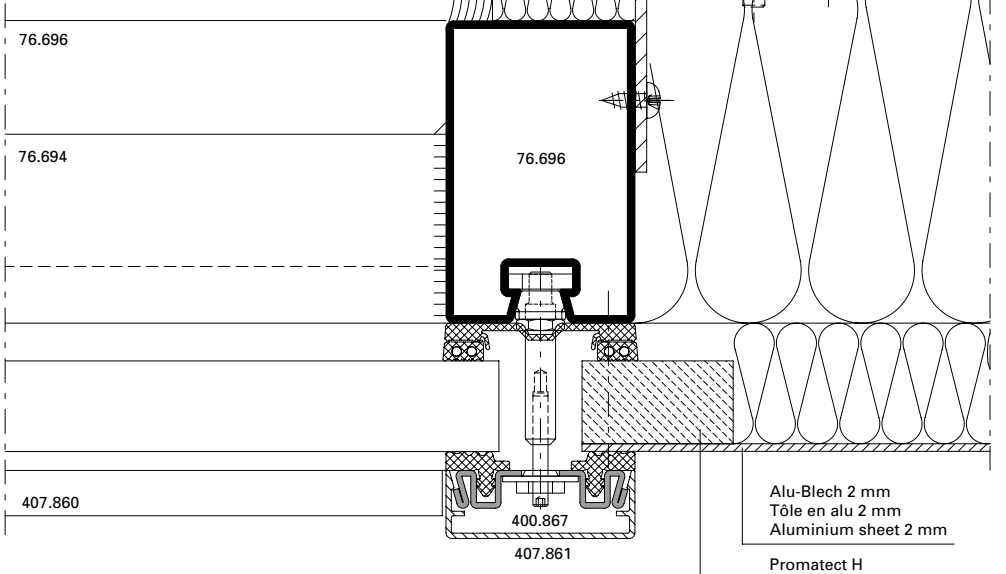
DWG

D-402-A-005

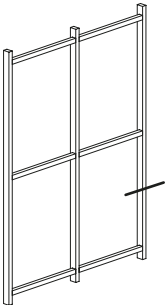
Mineralwolle / Laine minérale / Mineral wool

Stahlwinkel / Cornière en acier / Steel angle 60/60/3

Silikon



E30



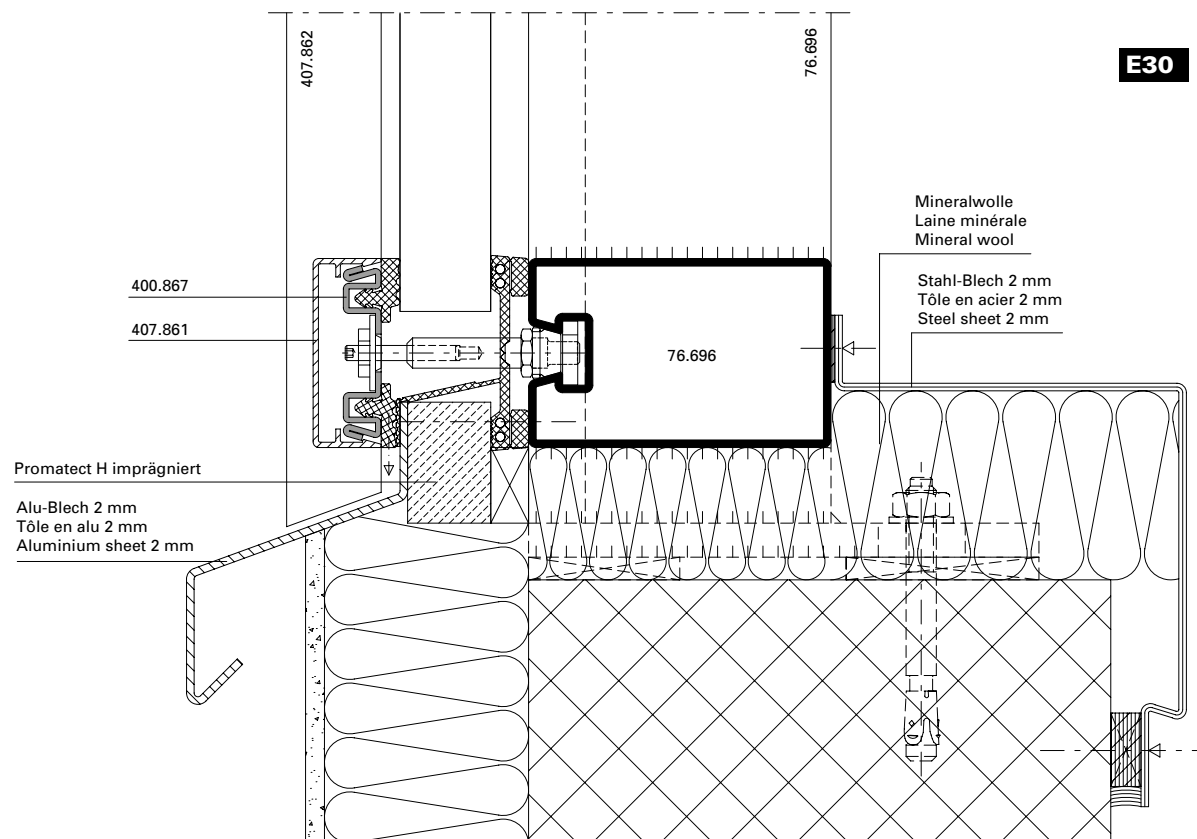
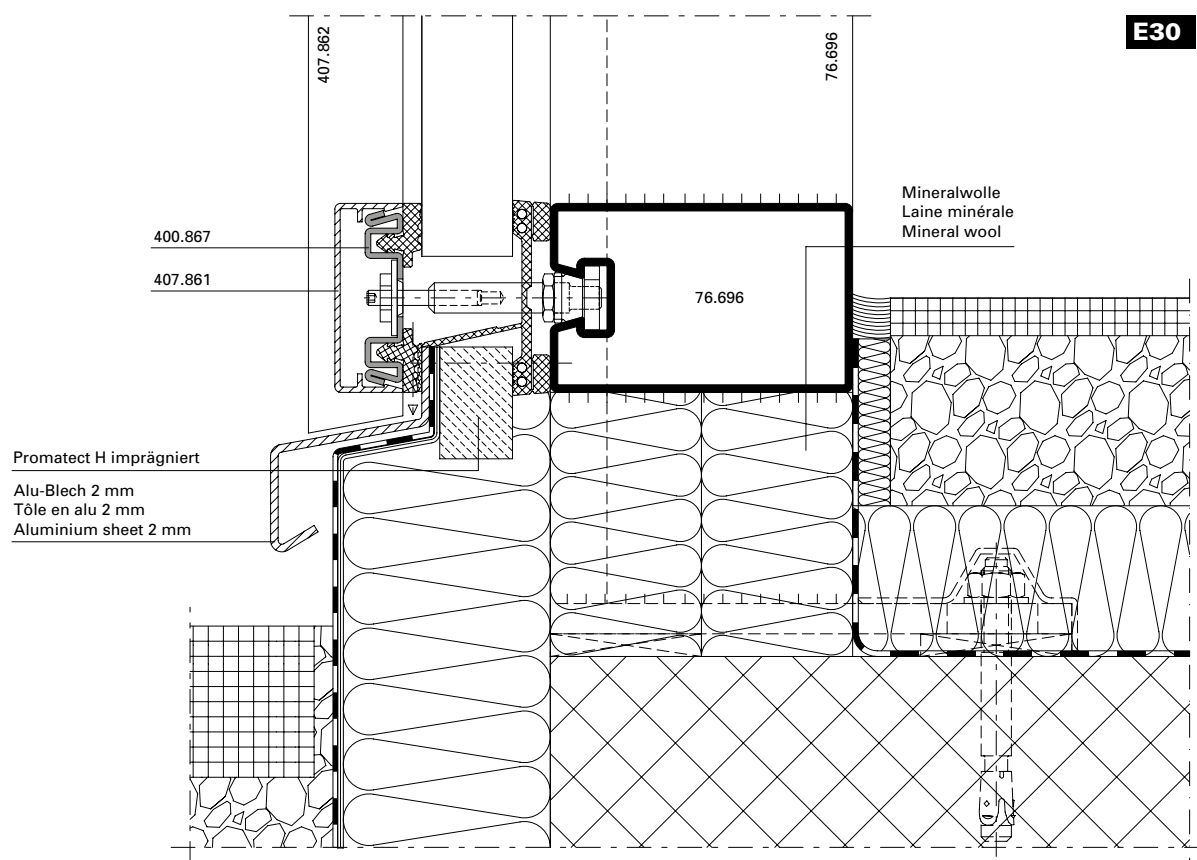
DXF

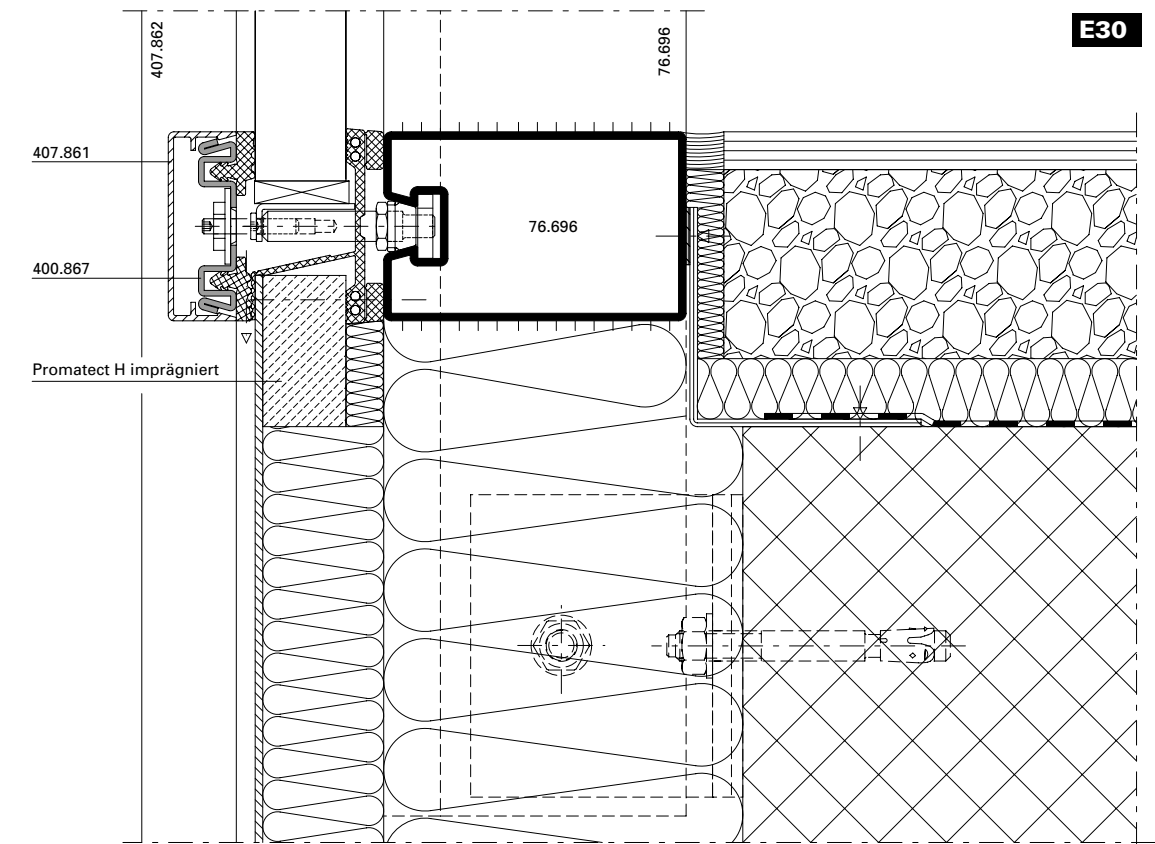
DWG

D-402-A-006

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

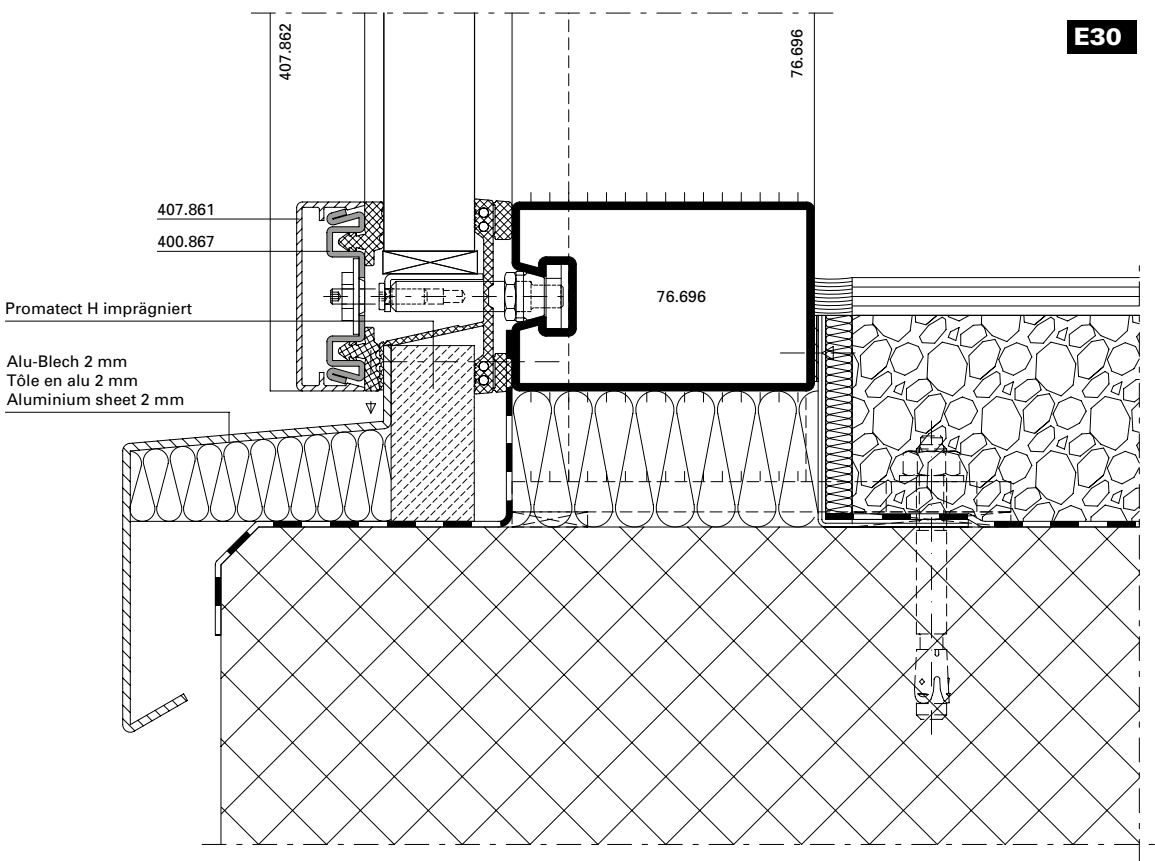
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)





DXF DWG

D-402-A-009

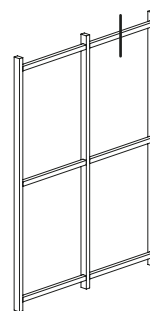
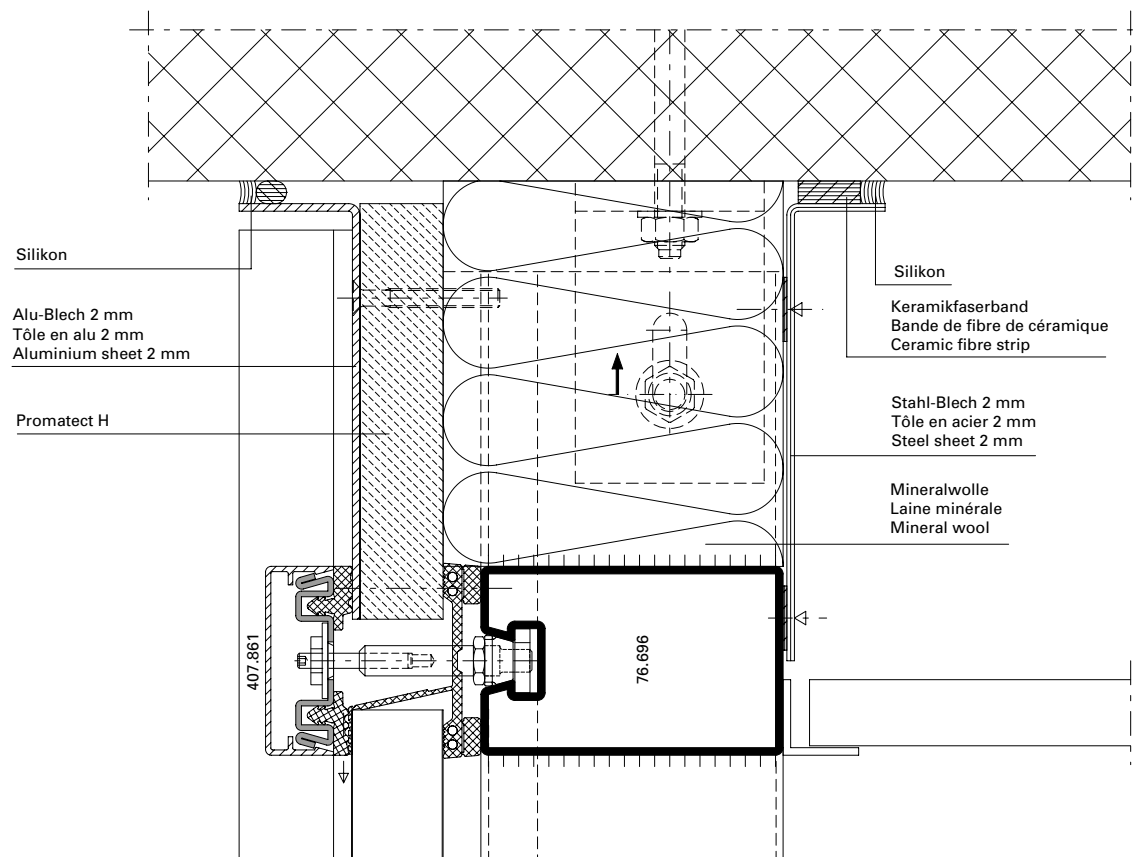


DXF DWG

D-402-A-010

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

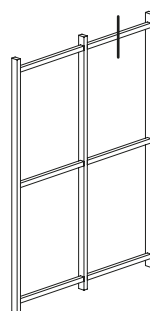
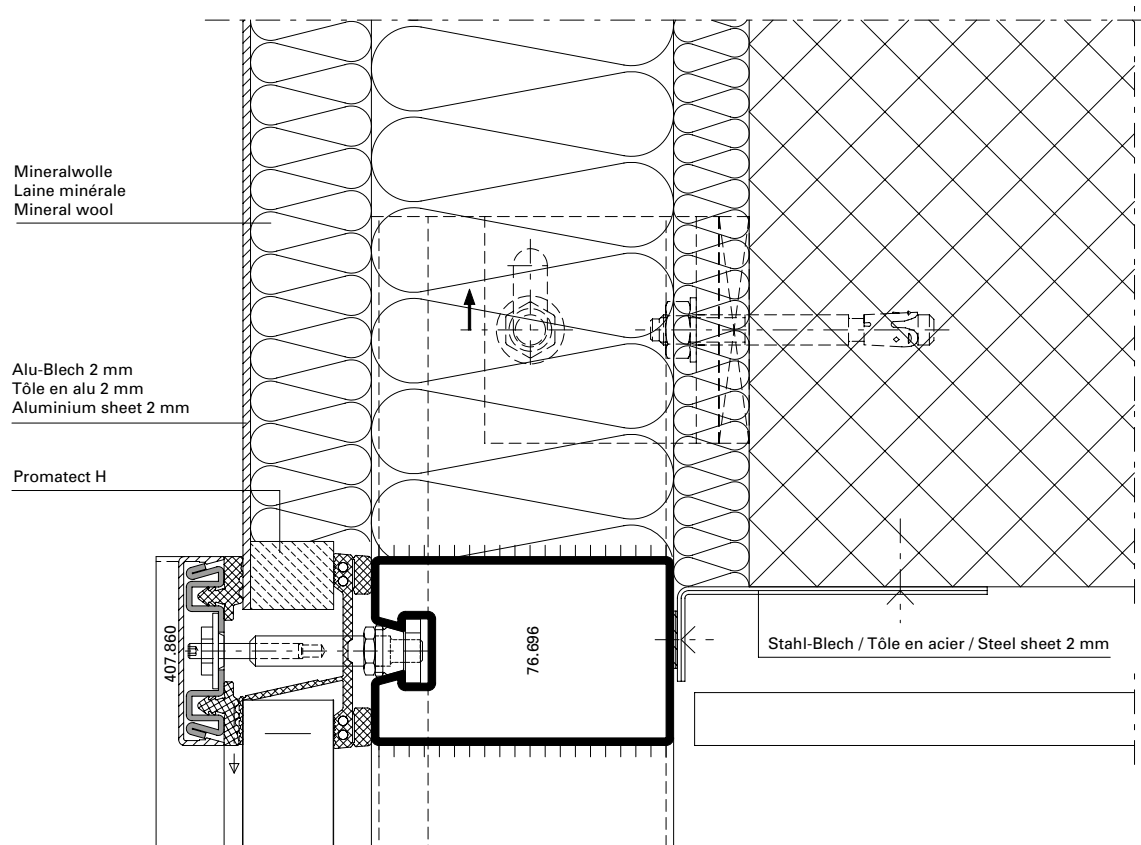
VISS Fire TVS (vertikal)
 VISS Fire TVS (vertical)
 VISS Fire TVS (vertical)



E30

DXF DWG

D-402-A-011



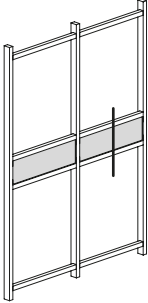
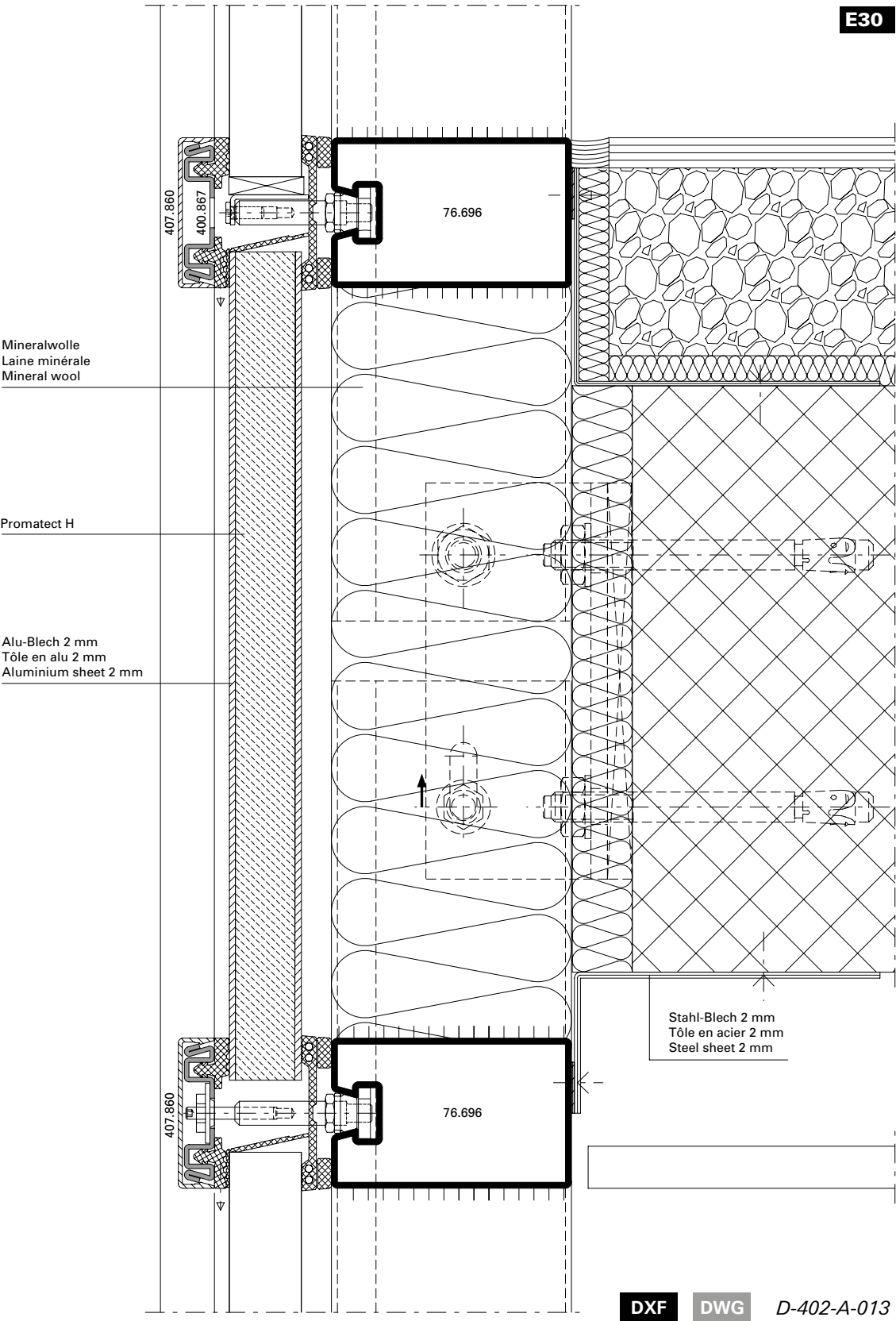
E30

DXF DWG

D-402-A-012

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

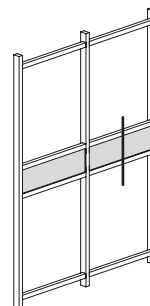
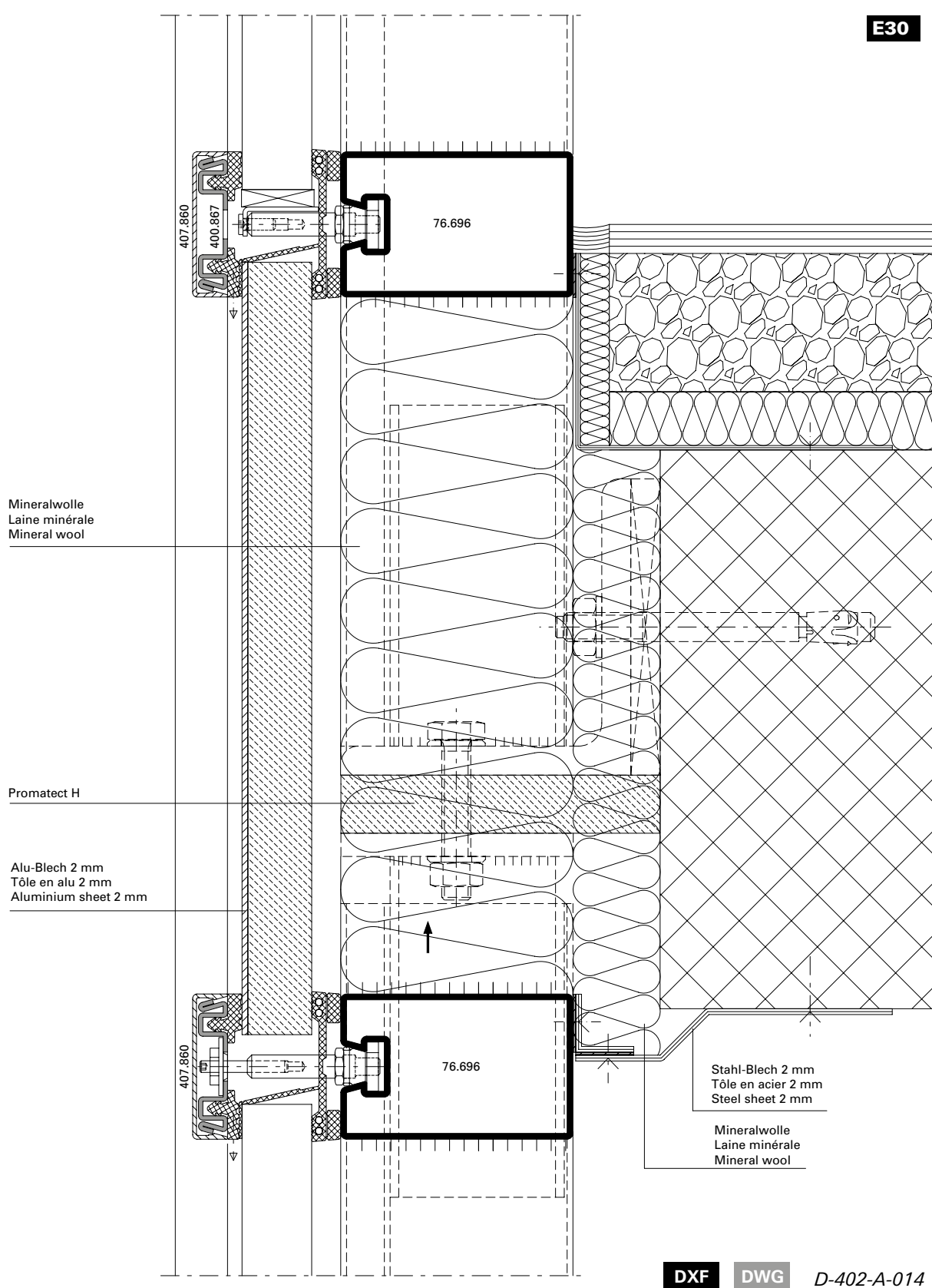
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



DXF DWG D-402-A-013

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

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



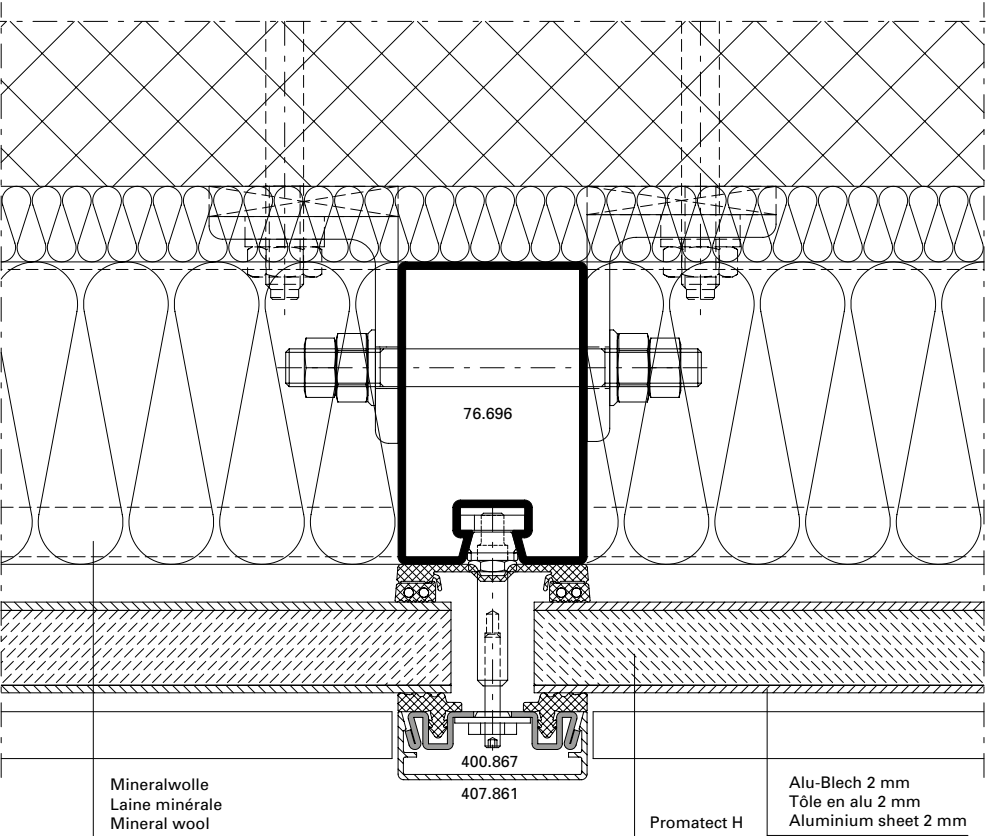
DXF

DWG

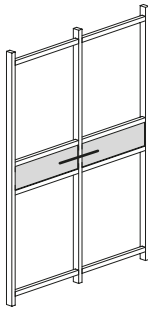
D-402-A-014

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

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



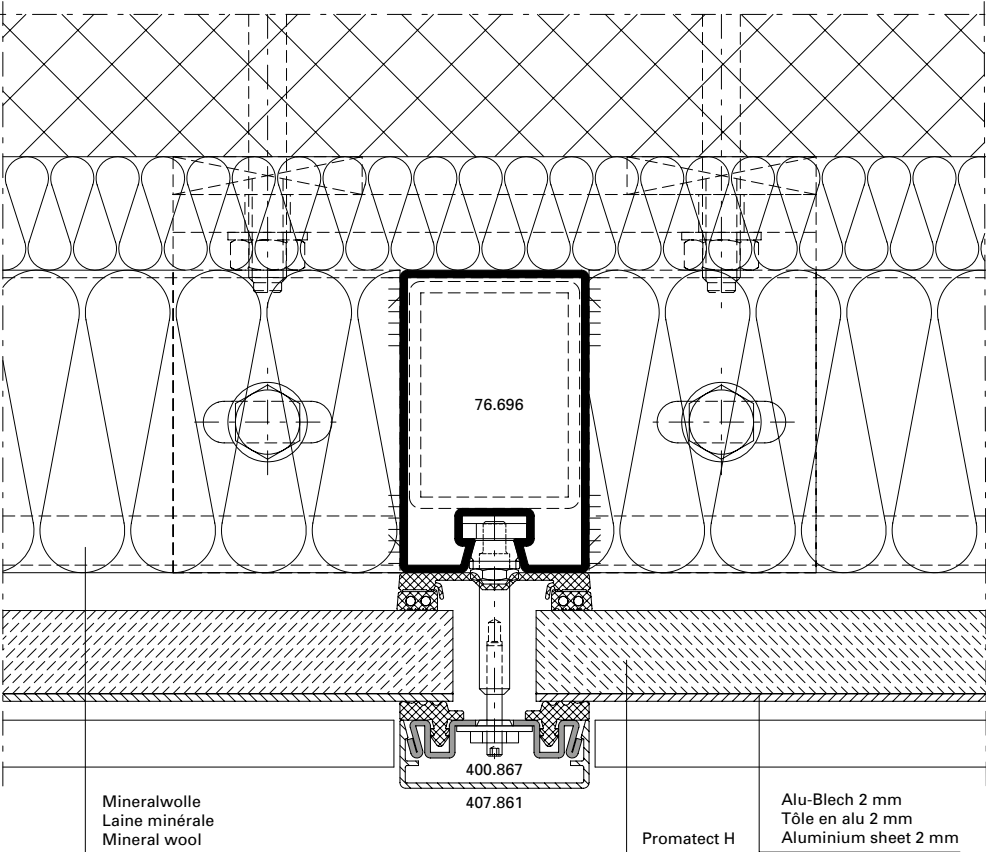
E30



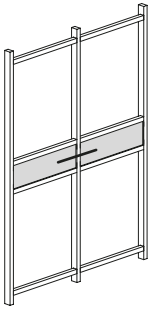
DXF

DWG

D-402-A-015



E30



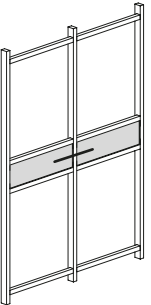
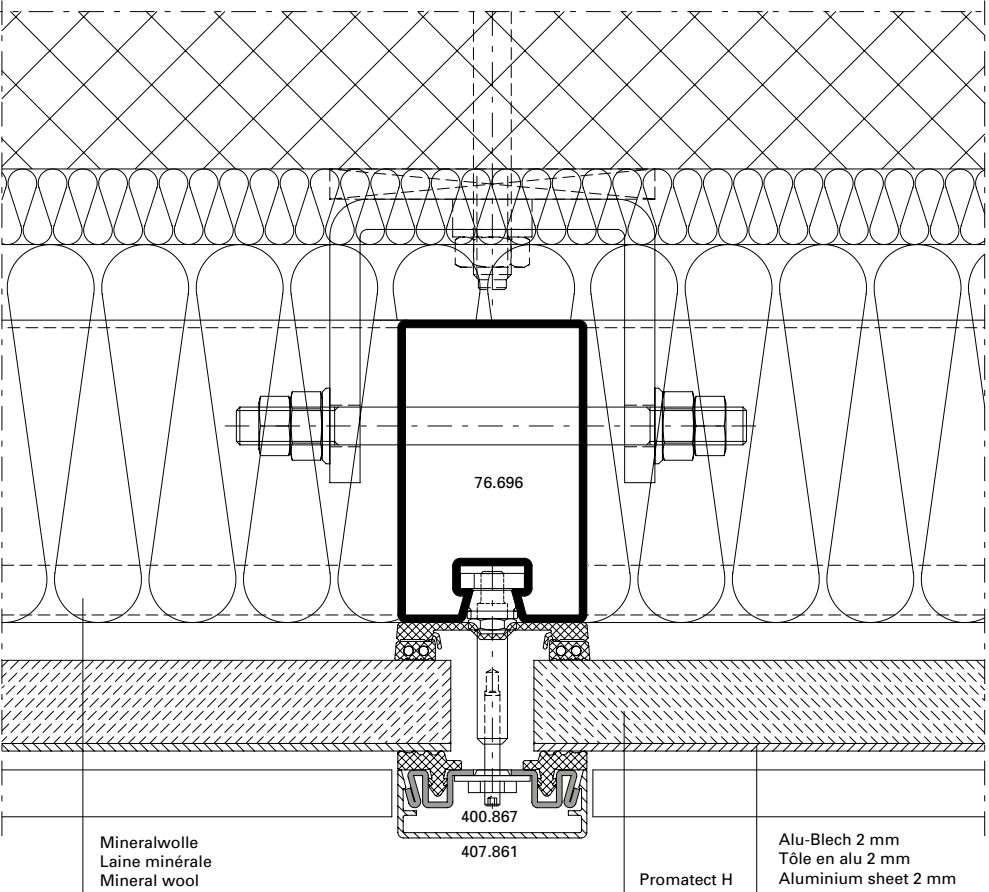
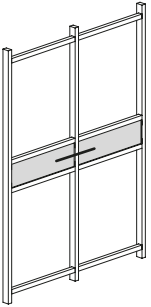
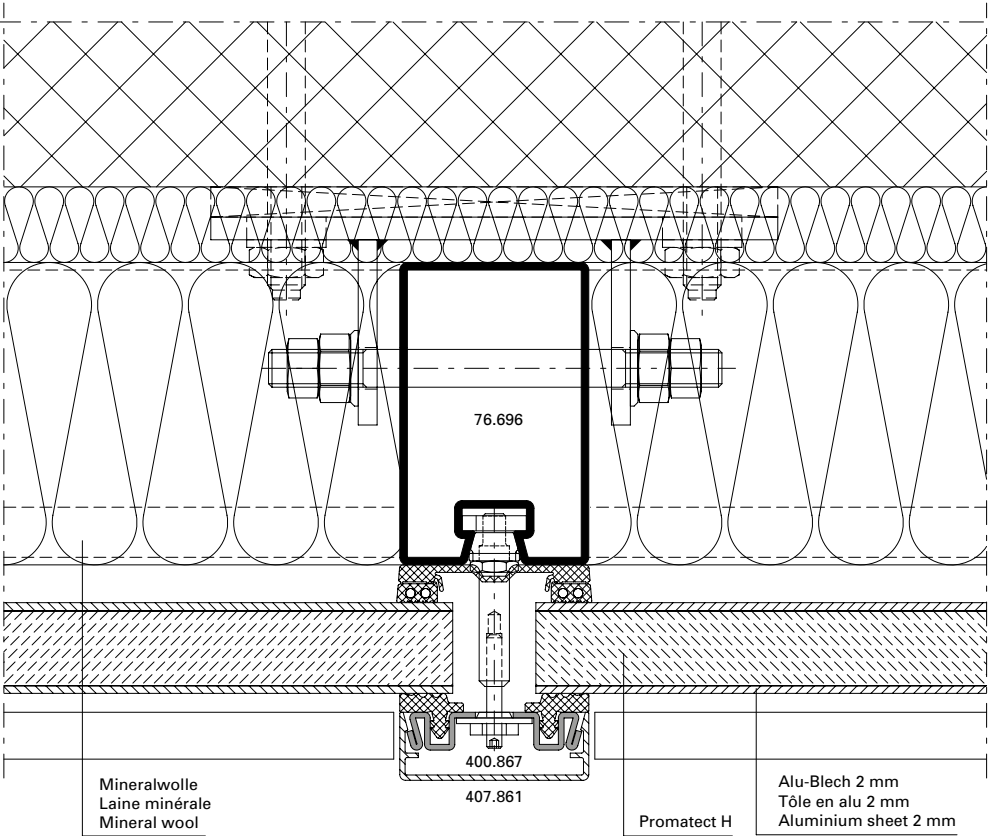
DXF

DWG

D-402-A-016

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

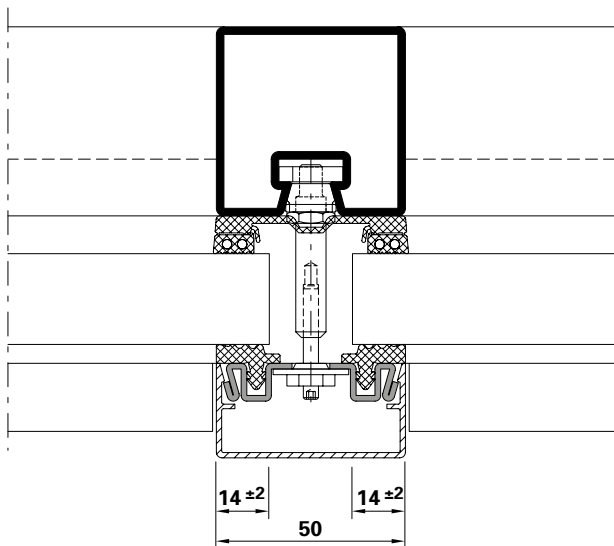
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



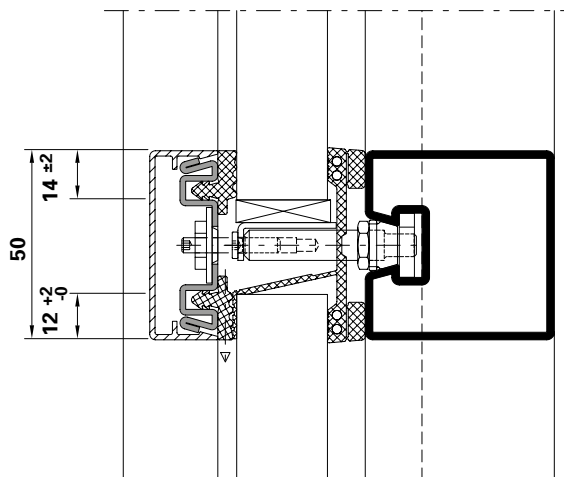
Glaseinstand

Prise en feuillure

Glass edge cover



E30



Die landesspezifischen Brandschutz-Zulassungen bzw. deren Bestimmungen und Vorschriften sind zu beachten.

Les certificats de protection incendie spécifiques au pays, leurs dispositions et leurs prescriptions doivent être respectés.

Fire-protection approvals or applicable national regulations and determinations must be observed.



VISS Fire TVS (vertikal)
Brandschutzverglasung
Klasse EI

Hinweis:

Bei der Auswahl von Schnittpunkten, Konstruktions-Details und Bauanschlüssen sind die landesspezifischen Brandschutz-Zulassungen und Vorschriften zwingend zu beachten!



VISS Fire TVS (vertikal)
Vitrage coupe feu
Classe EI

Note:

Les certificats de protection incendie et les prescriptions spécifiques au pays doivent être impérativement respectés lors du choix des coupe de détails, des détails de construction et des raccordements au mur!



VISS Fire TVS (vertikal)
Fire protection glazing
Class EI

Note:

When selecting section details, construction details and attachment to structure, the national fire-protection approvals and regulations must be observed (mandatory)!

Messe- und Kongresszentrum MECC Maastricht/NL (Architekt: Henket + Partners Architekten, Esch/NL)



Pfosten-Detail

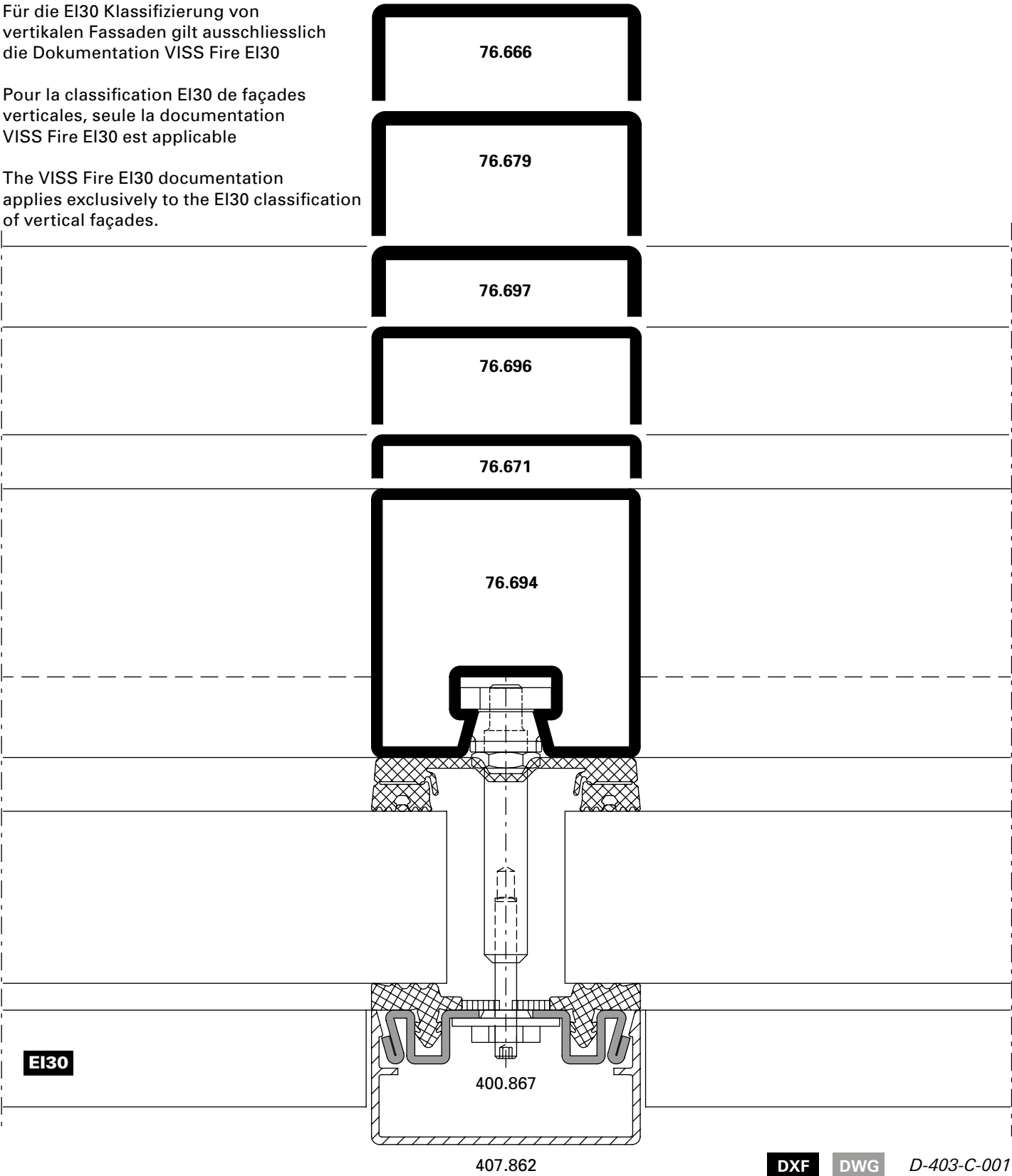
Détail du montant

Detail of mullion

Für die EI30 Klassifizierung von vertikalen Fassaden gilt ausschliesslich die Dokumentation VISS Fire EI30

Pour la classification EI30 de façades verticales, seule la documentation VISS Fire EI30 est applicable

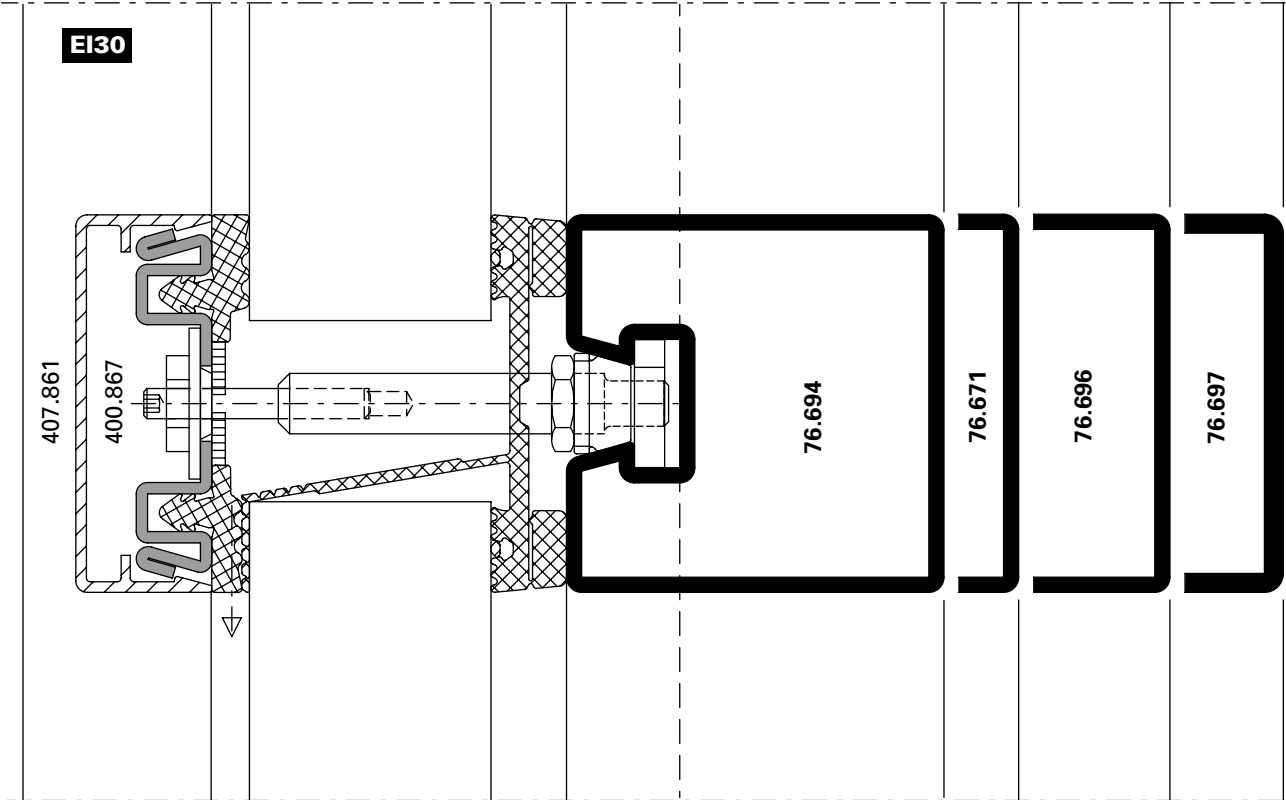
The VISS Fire EI30 documentation applies exclusively to the EI30 classification of vertical façades.



Riegel-Detail

Détail de la traverse

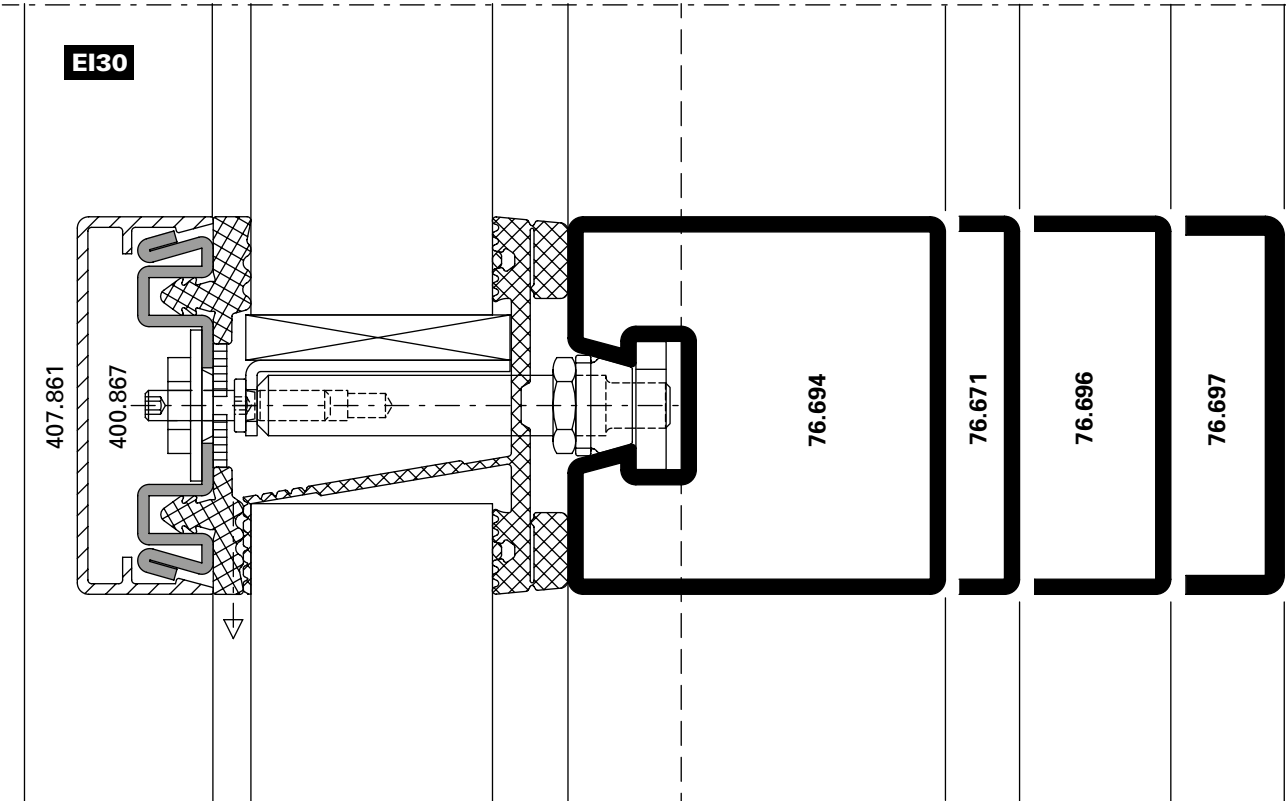
Detail of transom



D-403-C-002

DWG

DXF



D-403-C-003

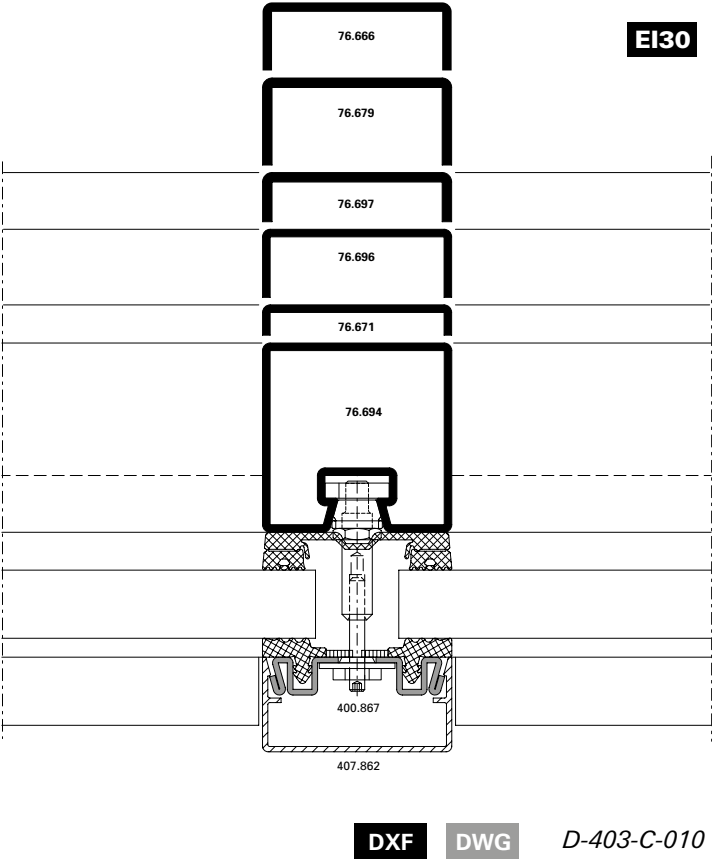
DWG

DXF

Pfosten-Detail

Détail du montant

Detail of mullion



Für die EI30 Klassifizierung von vertikalen Fassaden gilt ausschliesslich die Dokumentation VISS Fire EI30

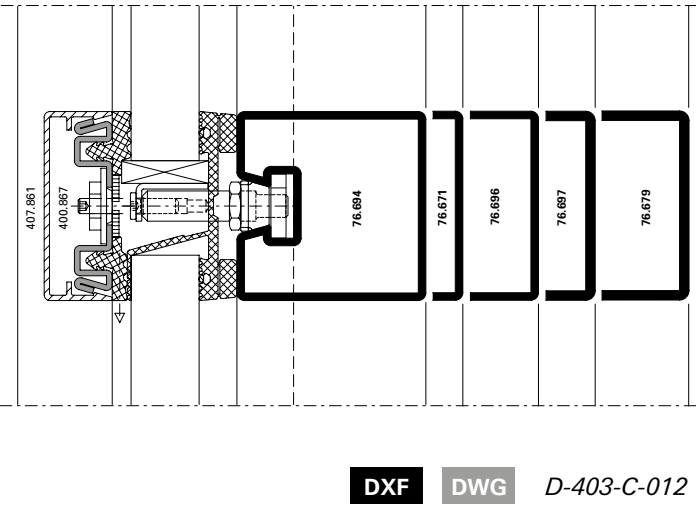
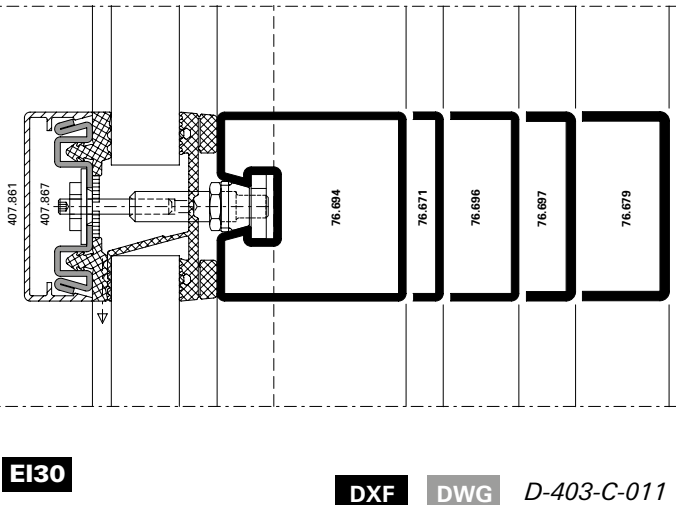
Pour la classification EI30 de façades verticales, seule la documentation VISS Fire EI30 est applicable

The VISS Fire EI30 documentation applies exclusively to the EI30 classification of vertical façades.

Riegel-Detail

Détail de la traverse

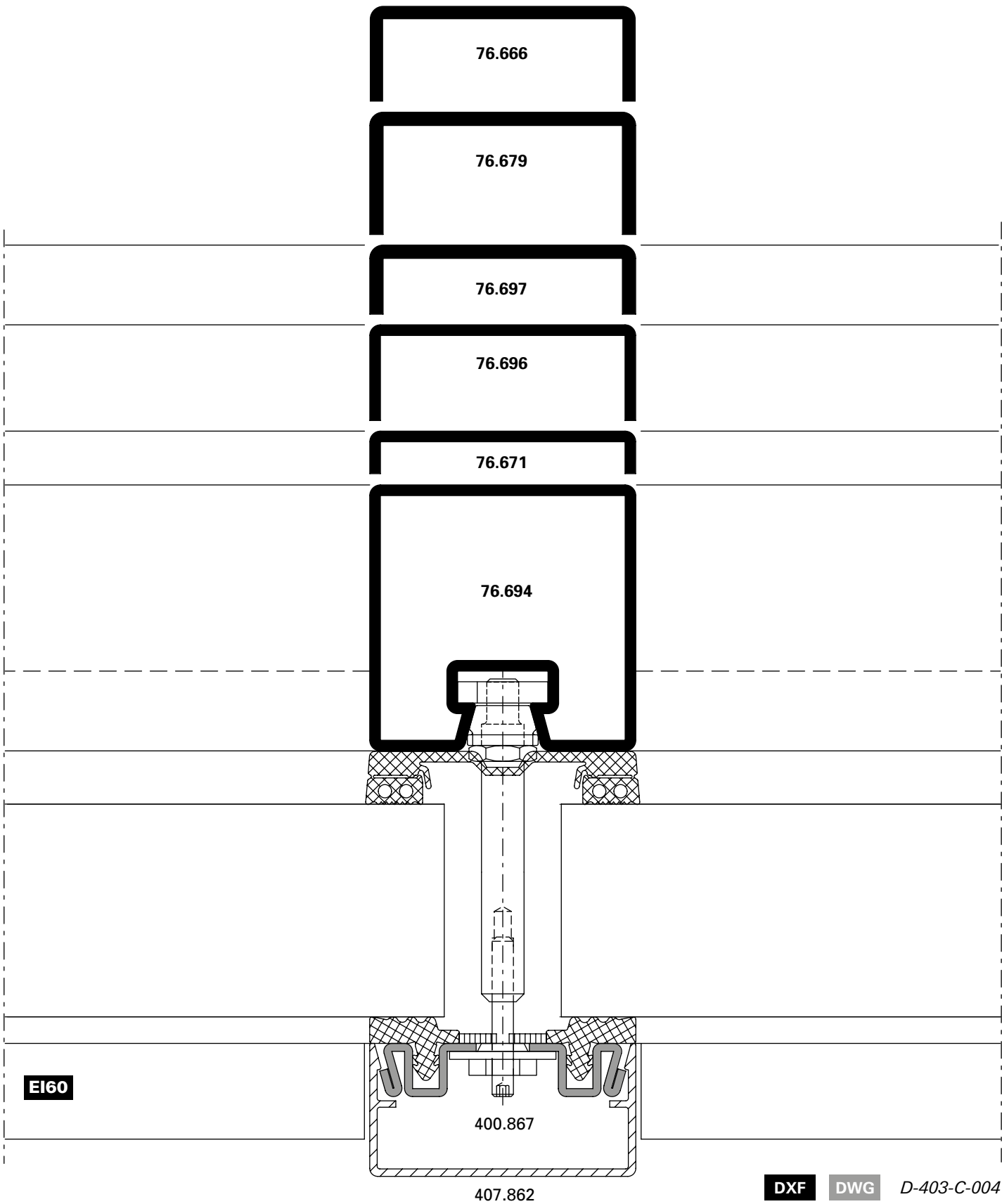
Detail of transom



Pfosten-Detail

Détail du montant

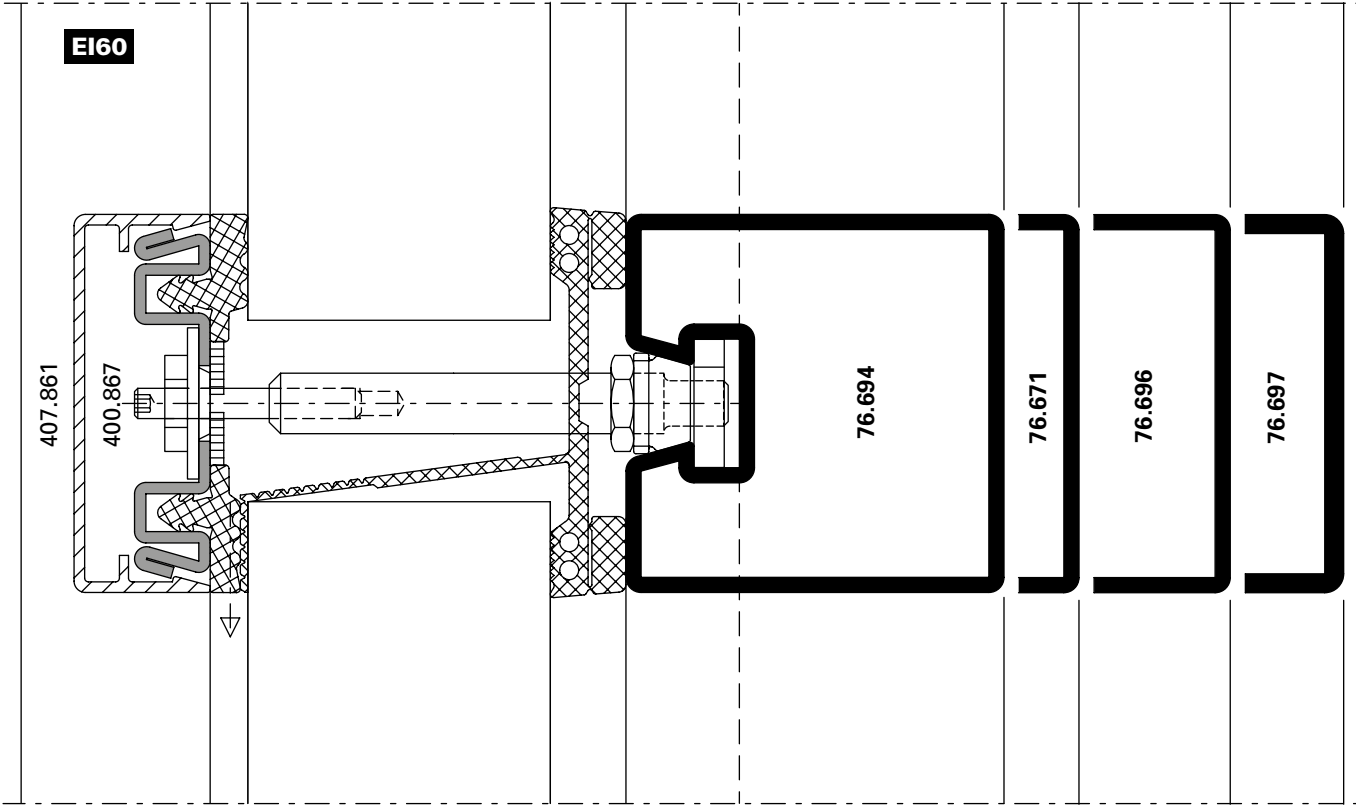
Detail of mullion



Riegel-Detail

Détail de la traverse

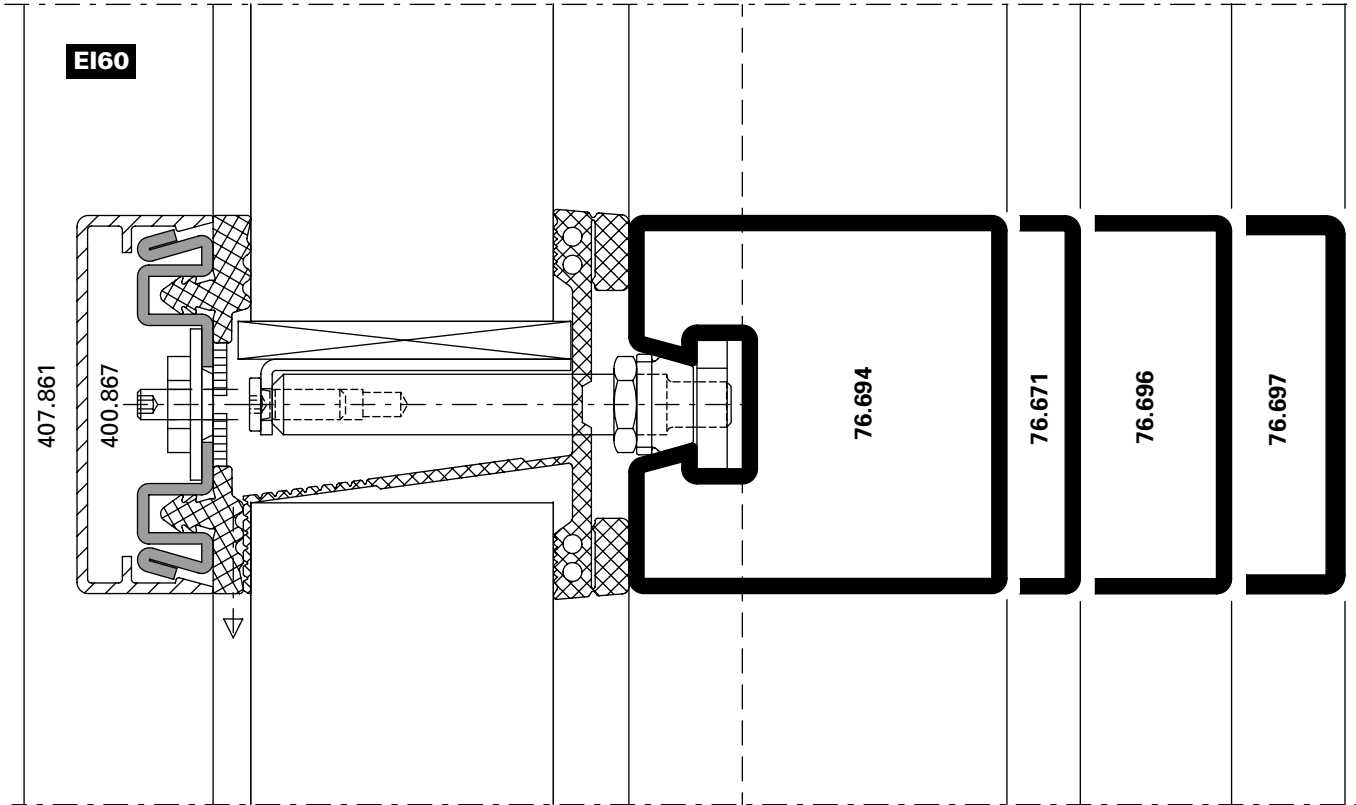
Detail of transom



D-403-C-005

DWG

DXF



D-403-C-006

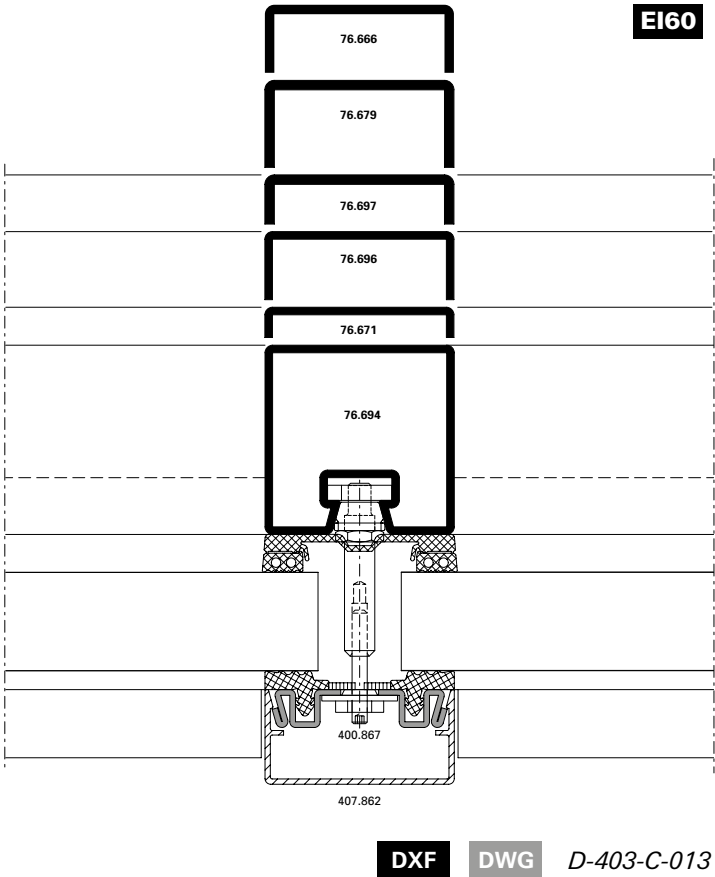
DWG

DXF

Pfosten-Detail

Détail du montant

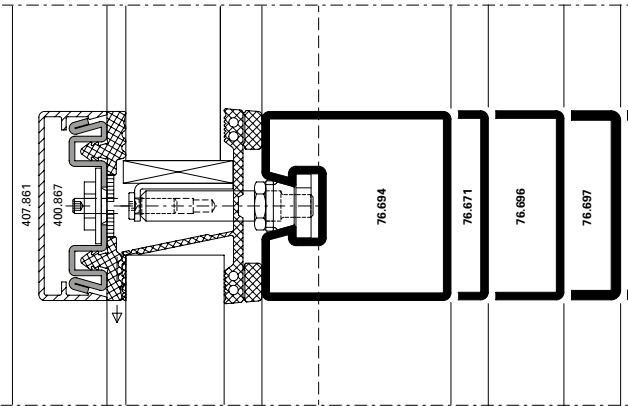
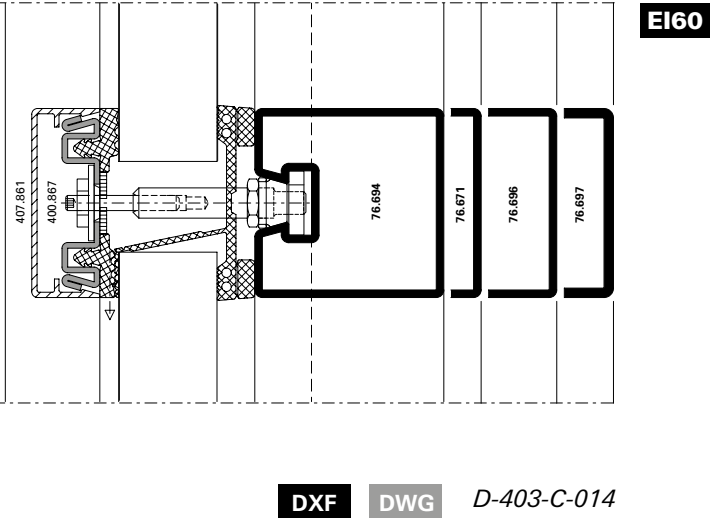
Detail of mullion



Riegel-Detail

Détail de la traverse

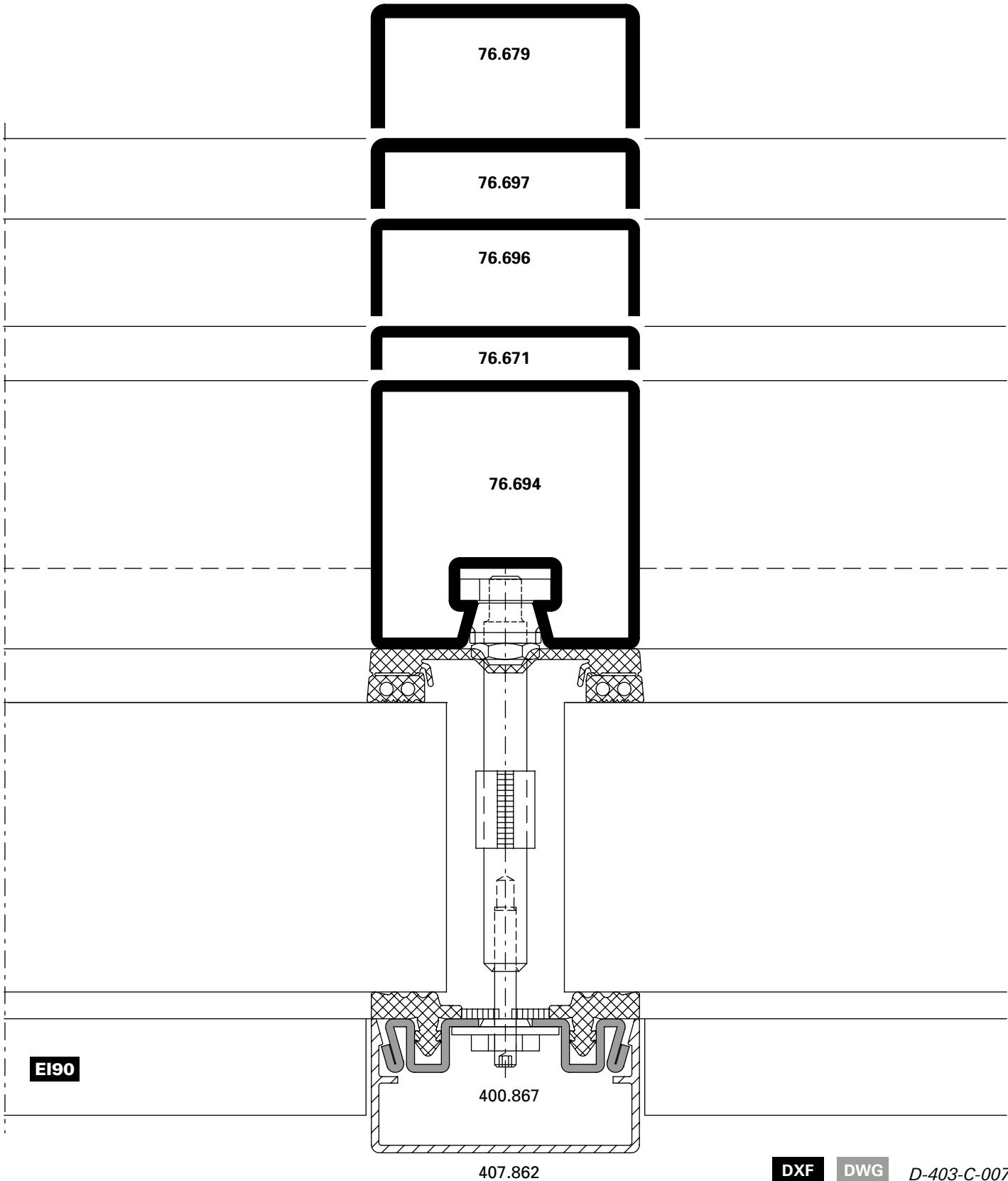
Detail of transom



Pfosten-Detail

Détail du montant

Detail of mullion



DXF

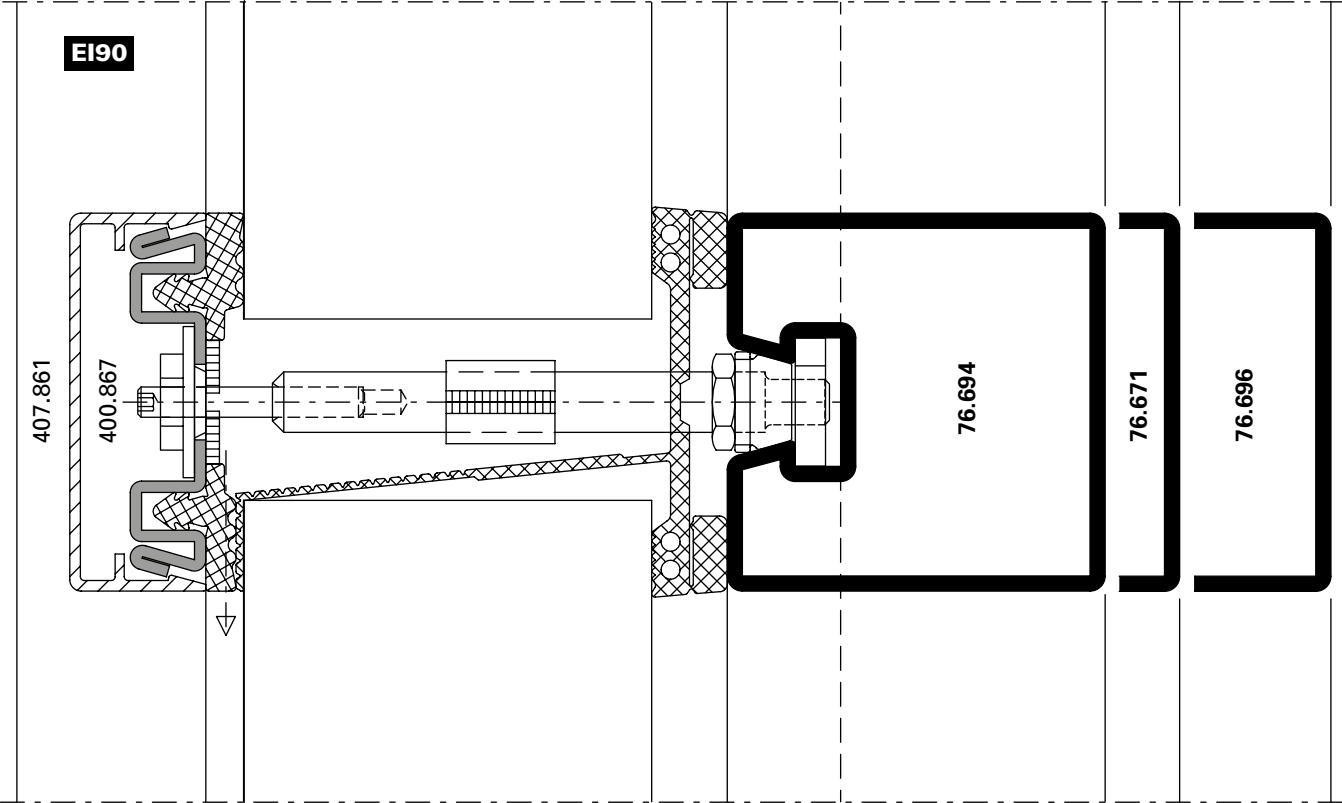
DWG

D-403-C-007

Riegel-Detail

Détail de la traverse

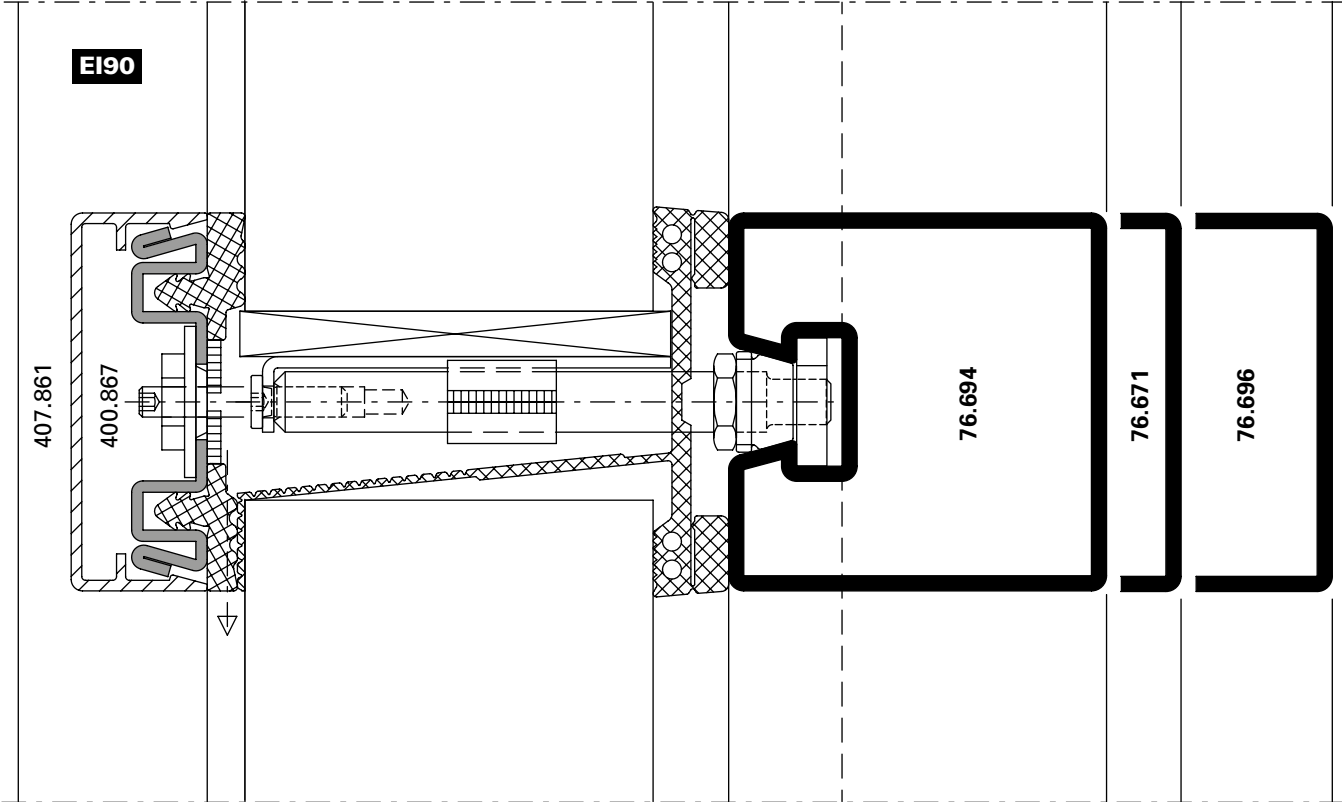
Detail of transom



D-403-C-008

DWG

DXF



D-403-C-009

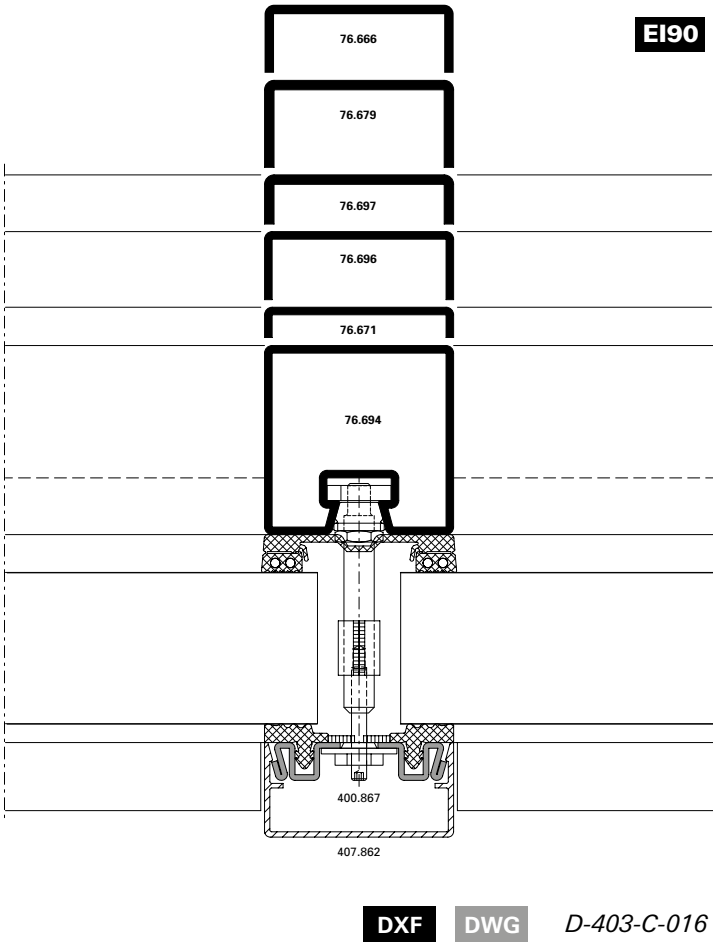
DWG

DXF

Pfosten-Detail

Détail du montant

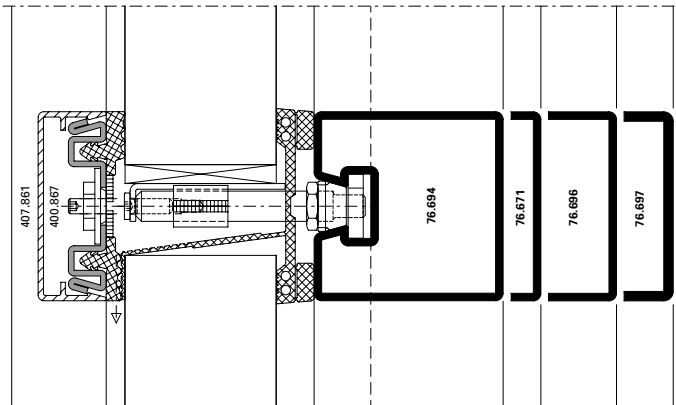
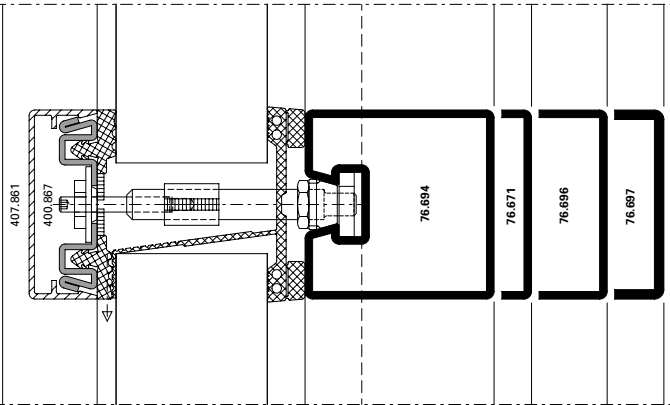
Detail of mullion



Riegel-Detail

Détail de la traverse

Detail of transom



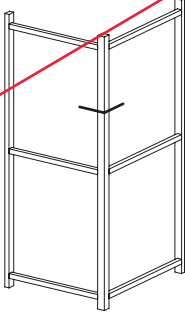
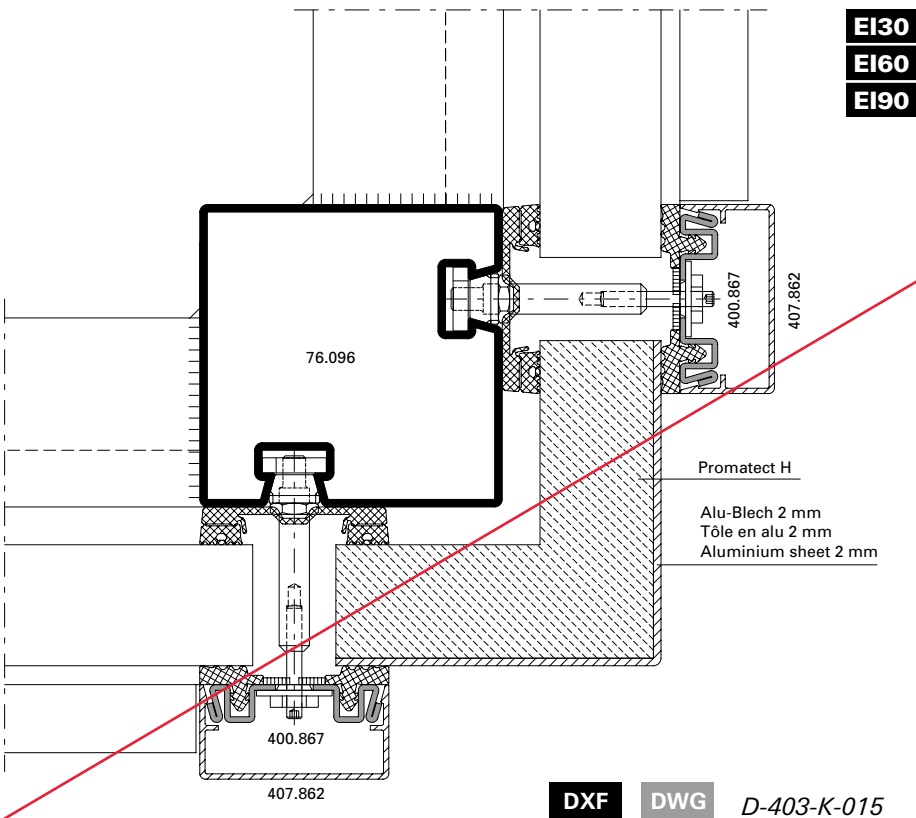
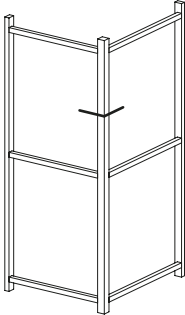
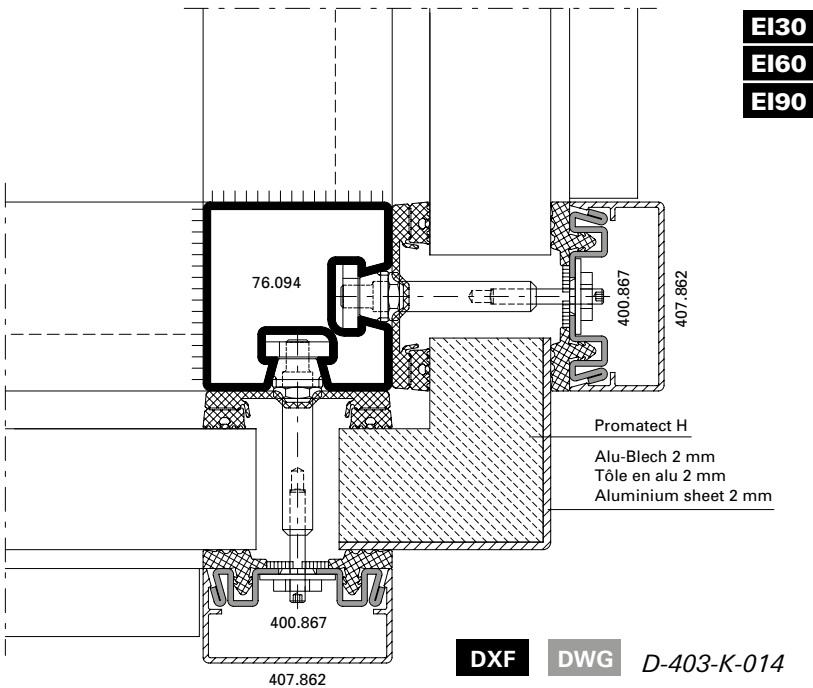
Bibliothek Universität, Posen/PL (Architekt: WPB, Tomasz Durniewicz, Posen/PL)



Eckausbildung 90°

Formation d'angle 90°

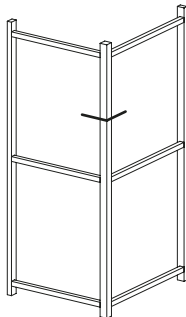
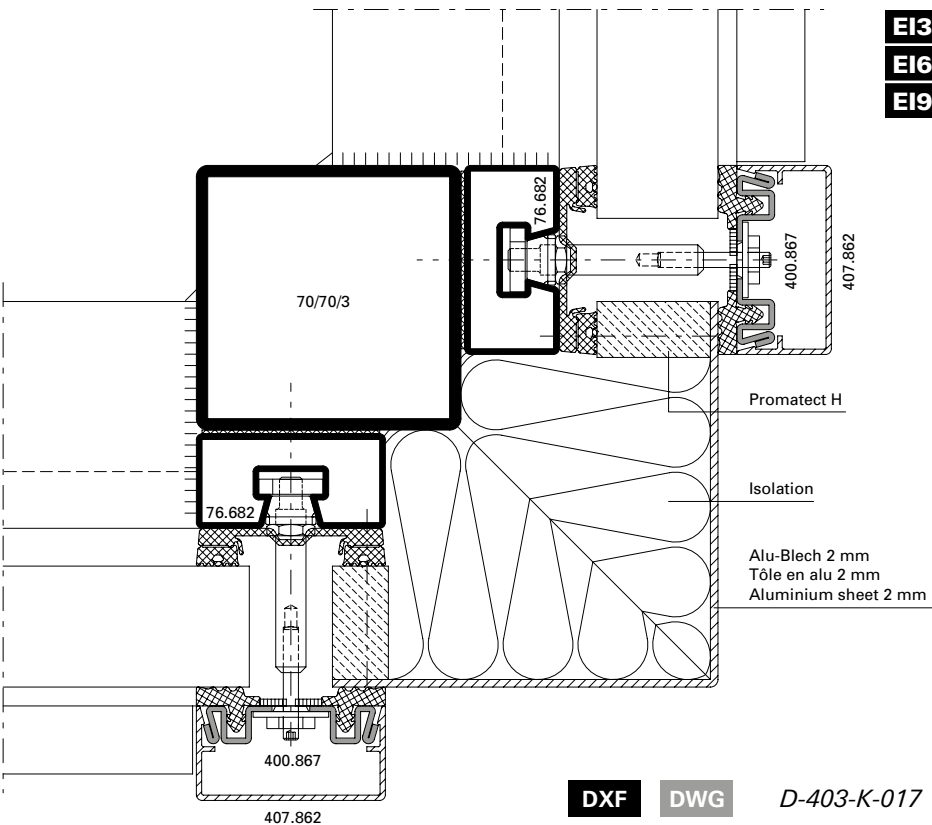
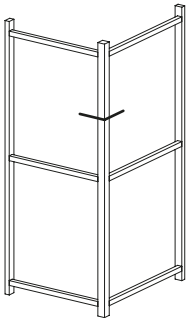
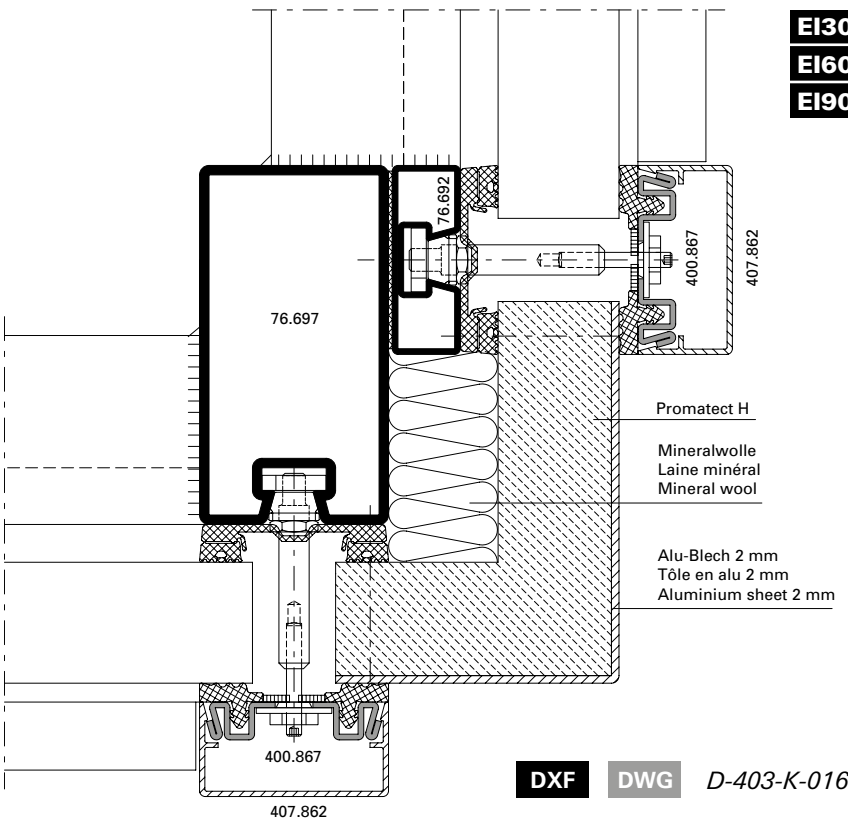
90° corner construction



Eckausbildung 90°

Formation d'angle 90°

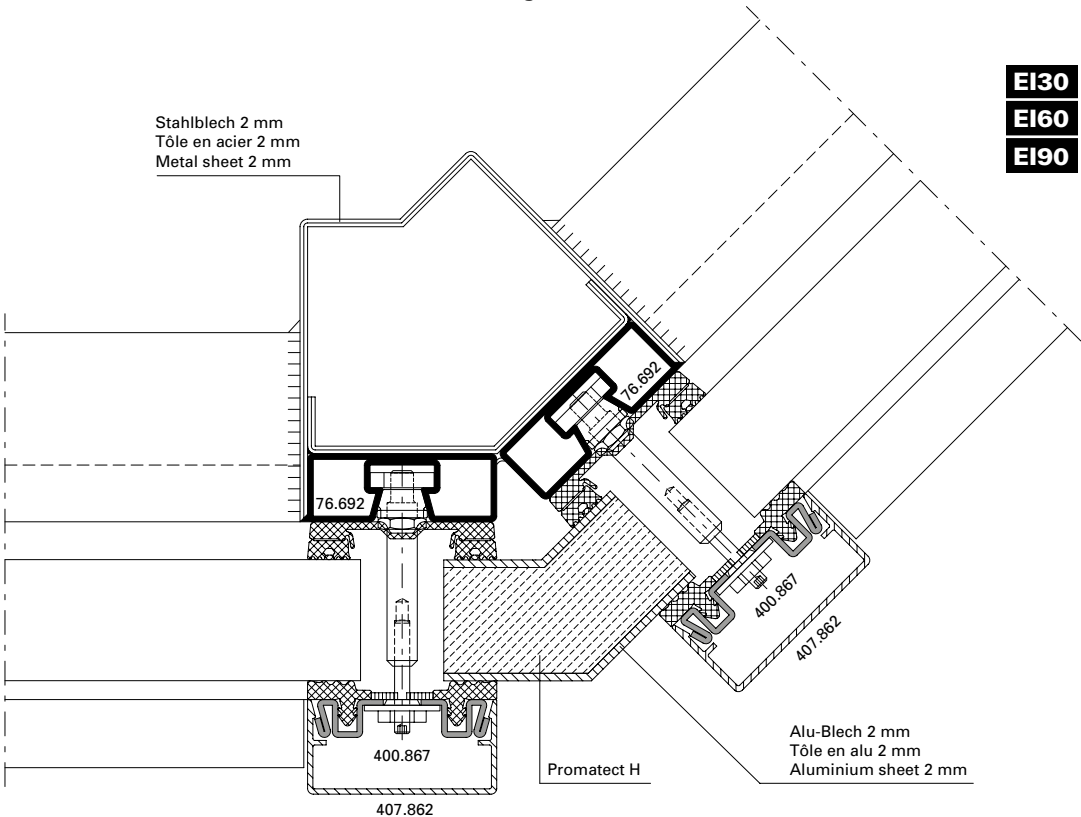
90° corner construction



Aussenecke 135°

Angle extérieur 135°

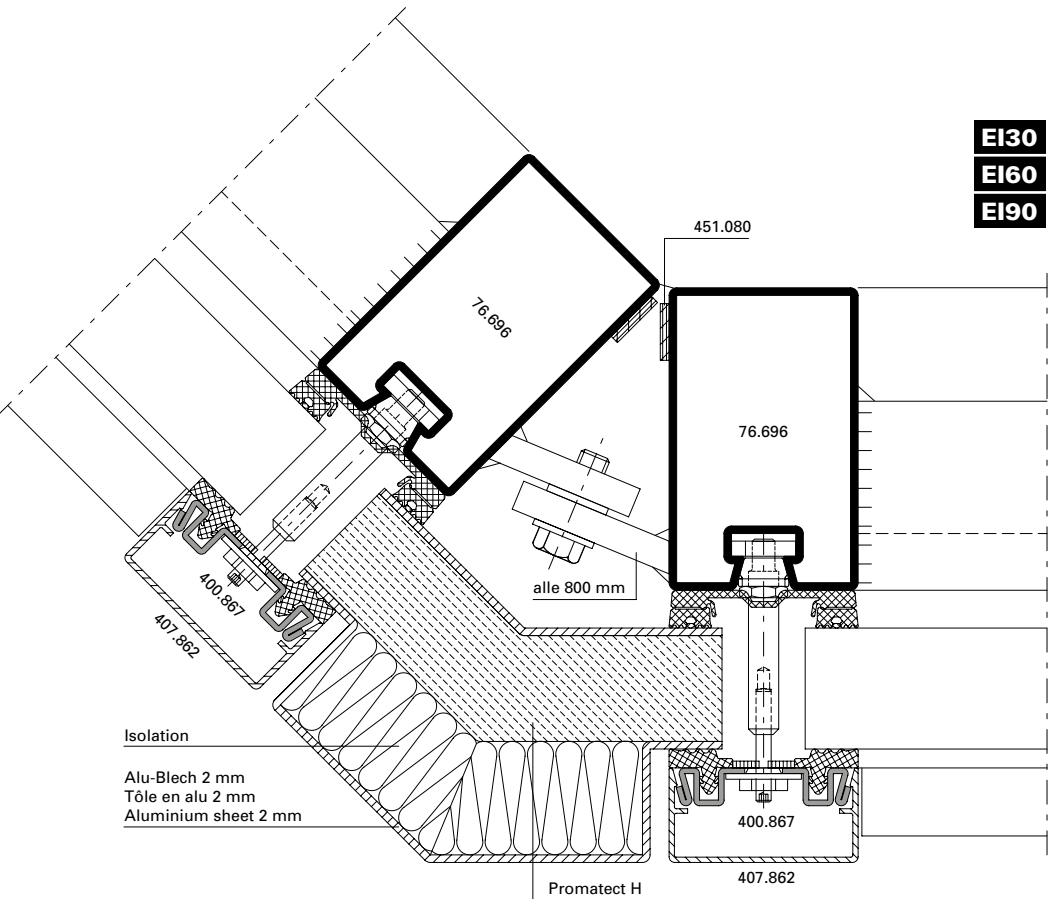
Outer corner 135°



EI30
EI60
EI90

DXF DWG

D-403-K-008



EI30
EI60
EI90

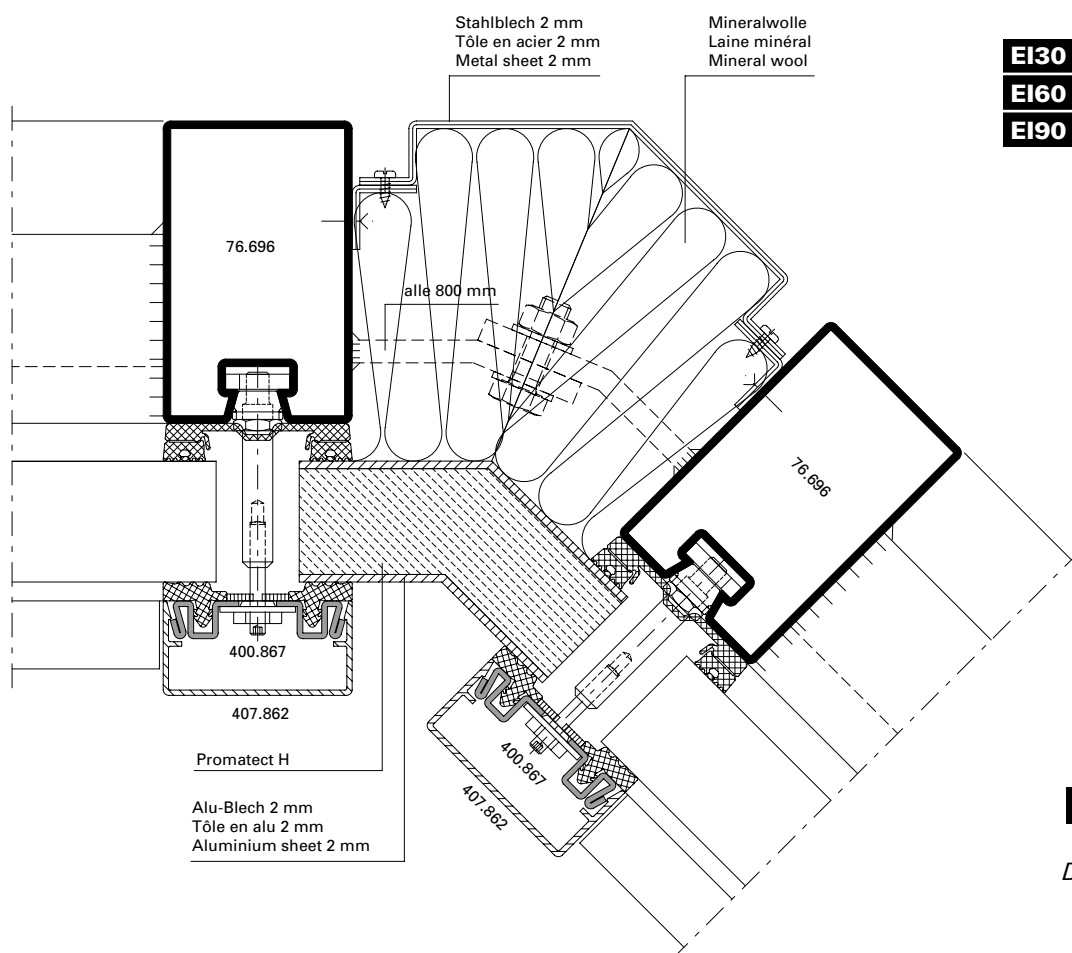
DXF DWG

D-403-K-005

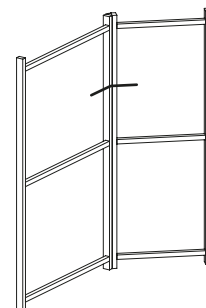
Innenecke 135°

Angle intérieur 135°

Inner corner 135°



El30
 El60
 El90



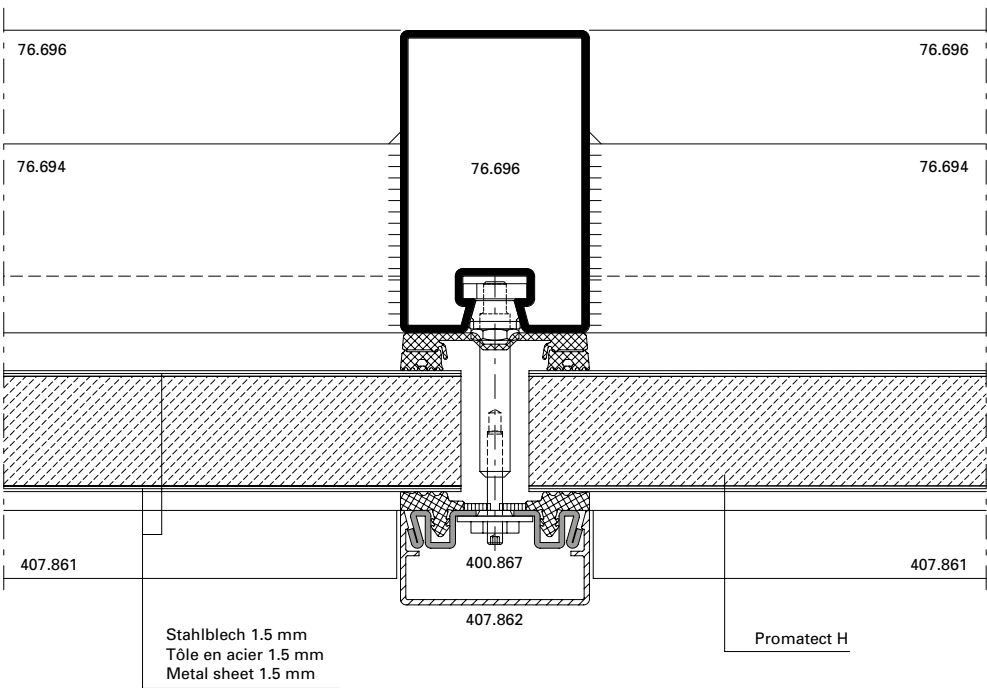
DXF DWG

D-403-K-007

Paneel-Ausbildungen

Agencements de panneau

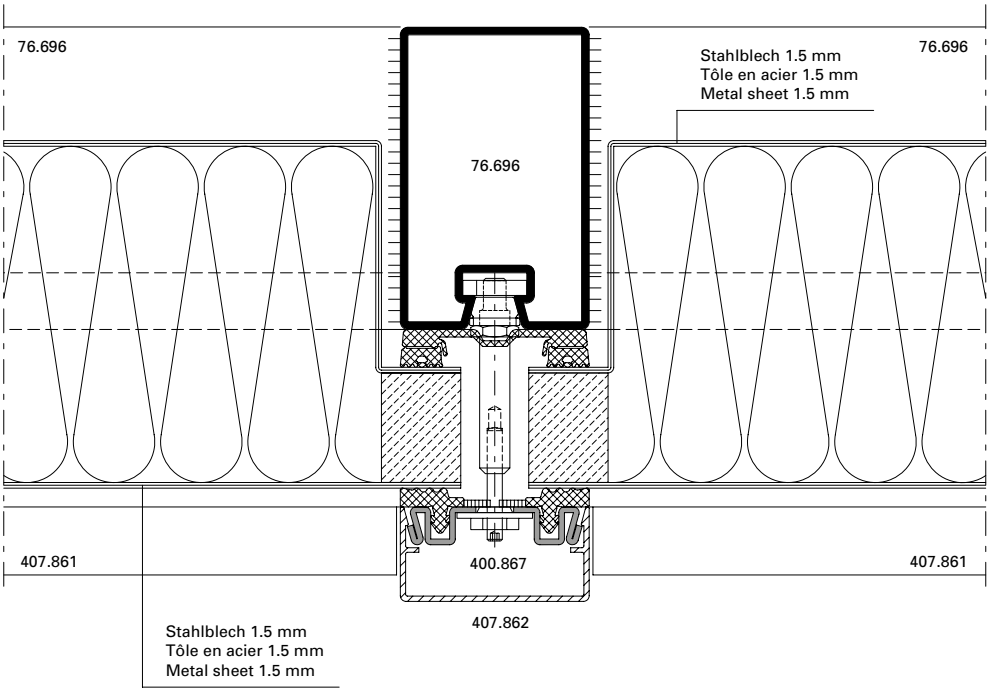
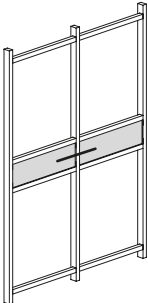
Panel designs



EI30
EI60
EI90

DXF DWG

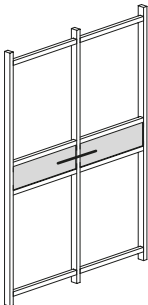
D-403-K-001



EI30
EI60
EI90

DXF DWG

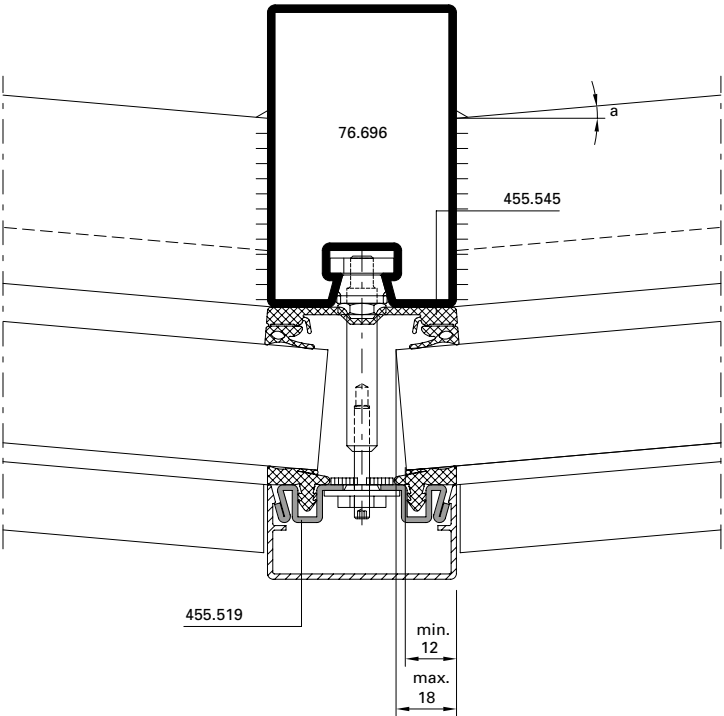
D-403-K-002



Segment-Pfosten

Montant segment

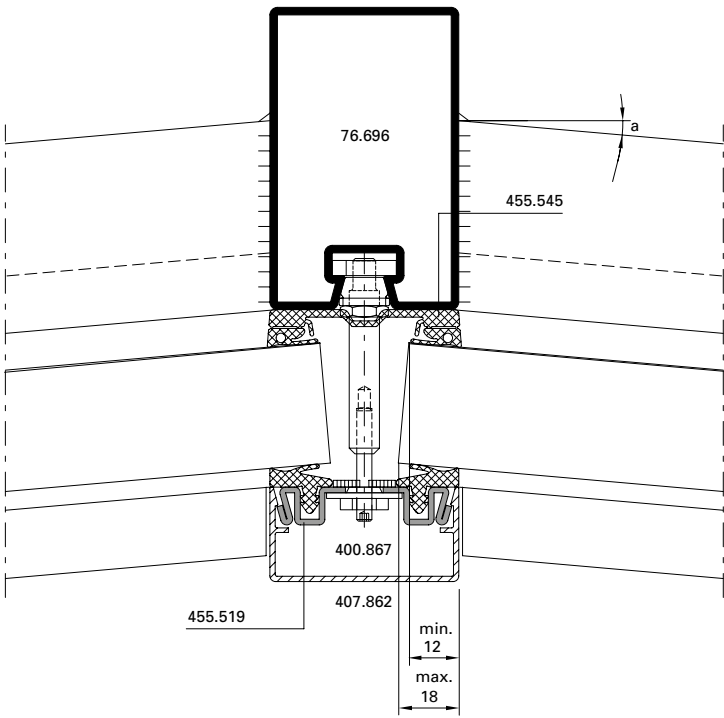
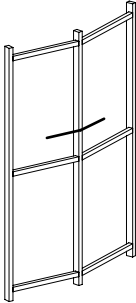
Segmented mullion



EI30
EI60
EI90

DXF DWG

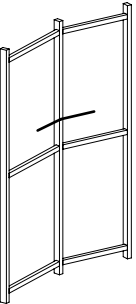
D-403-K-019



EI30
EI60
EI90

DXF DWG

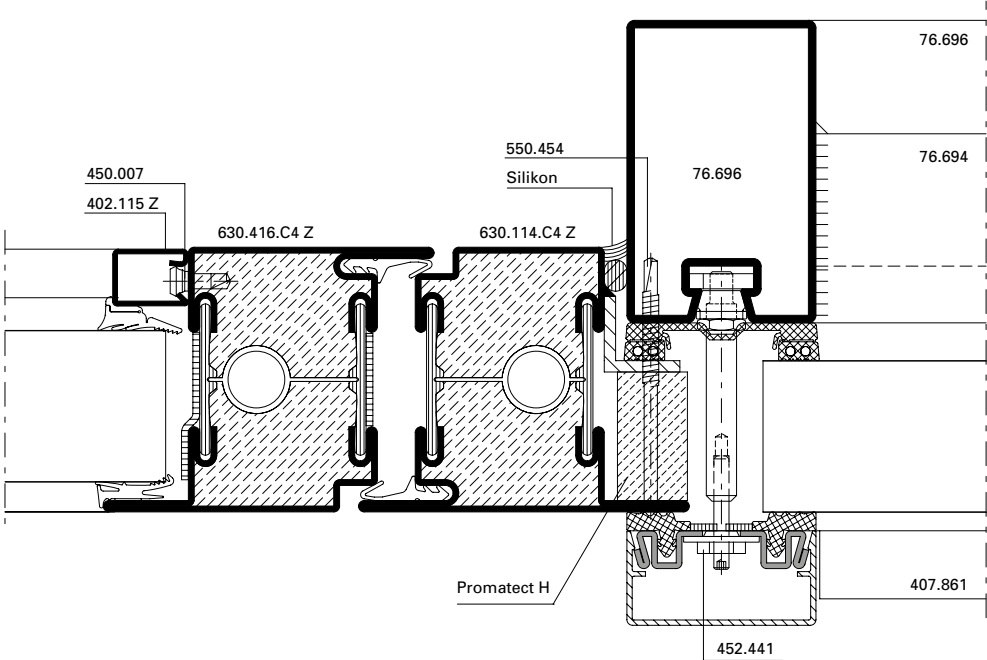
D-403-K-020



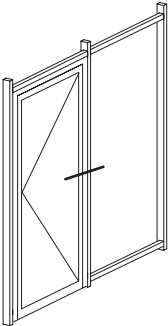
Einsatzelemente Türen

Éléments de remplissage portes

Infill elements doors



EI60
EI90



DXF

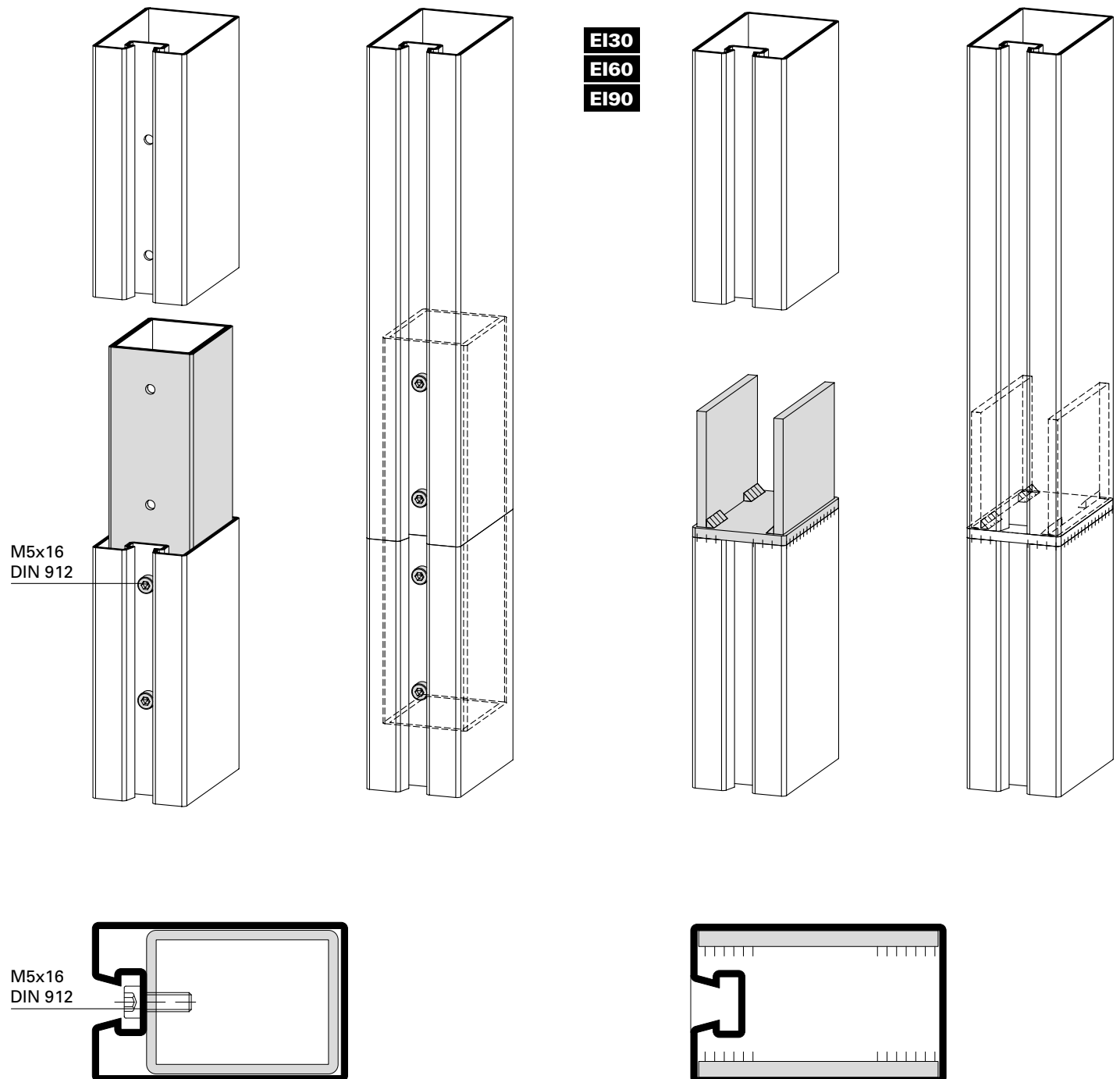
DWG

D-403-K-013

Pfostenstoss

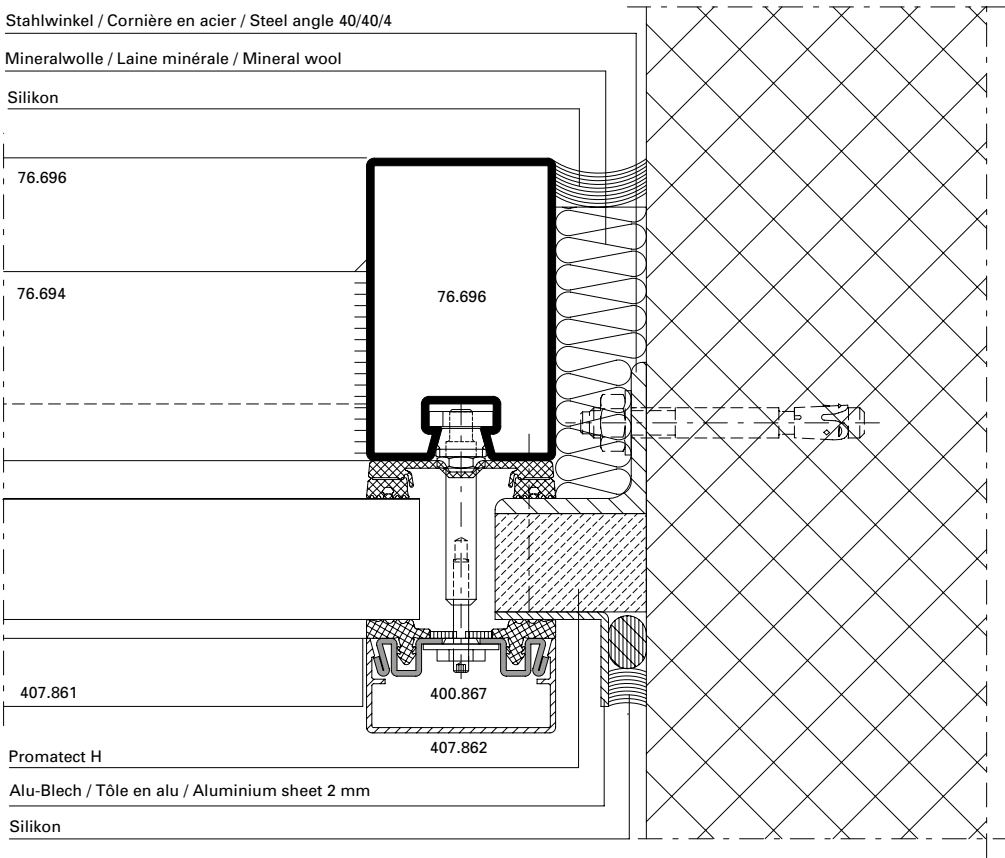
Joint de montant

Mullion joint

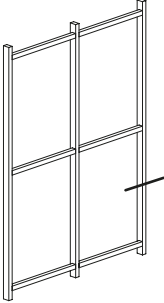


Anschlüsse am Bau im Massstab 1:2
Raccordement au mur à l'échelle 1:2
Attachment to structure on scale 1:2

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)

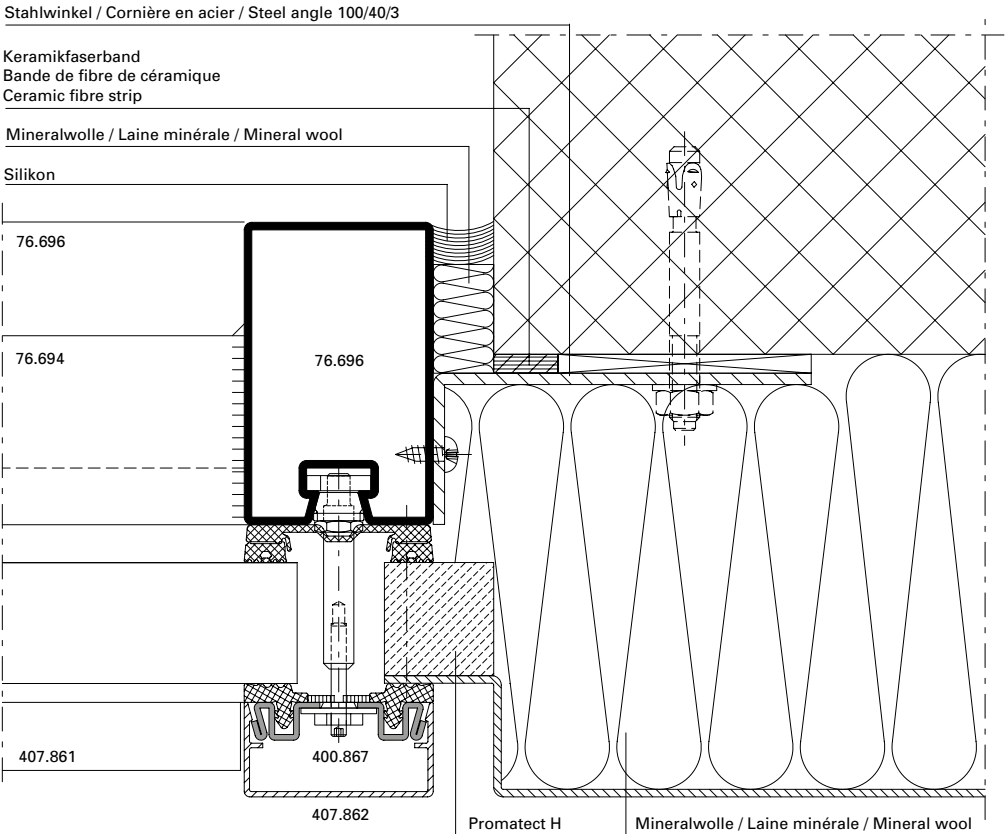


EI30
EI60
EI90

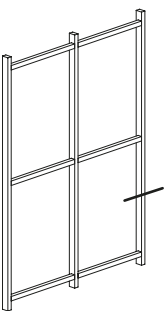


DXF DWG

D-403-A-001



EI30
EI60
EI90



DXF DWG

D-403-A-002

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

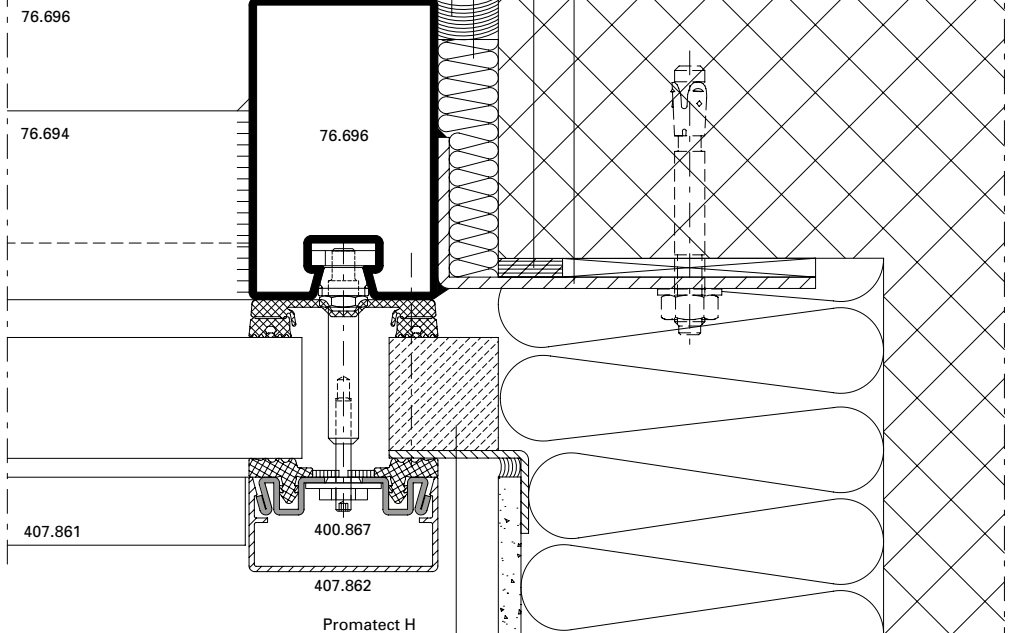
VISS Fire TVS (vertikal)
 VISS Fire TVS (vertical)
 VISS Fire TVS (vertical)

Stahlwinkel / Cornière en acier / Steel angle 100/40/3

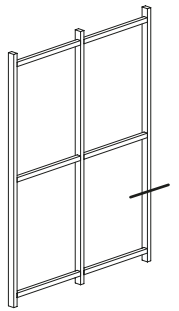
Keramikfaserband
 Bande de fibre de céramique
 Ceramic fibre strip

Mineralwolle / Laine minérale / Mineral wool

Silikon



EI30
 EI60
 EI90

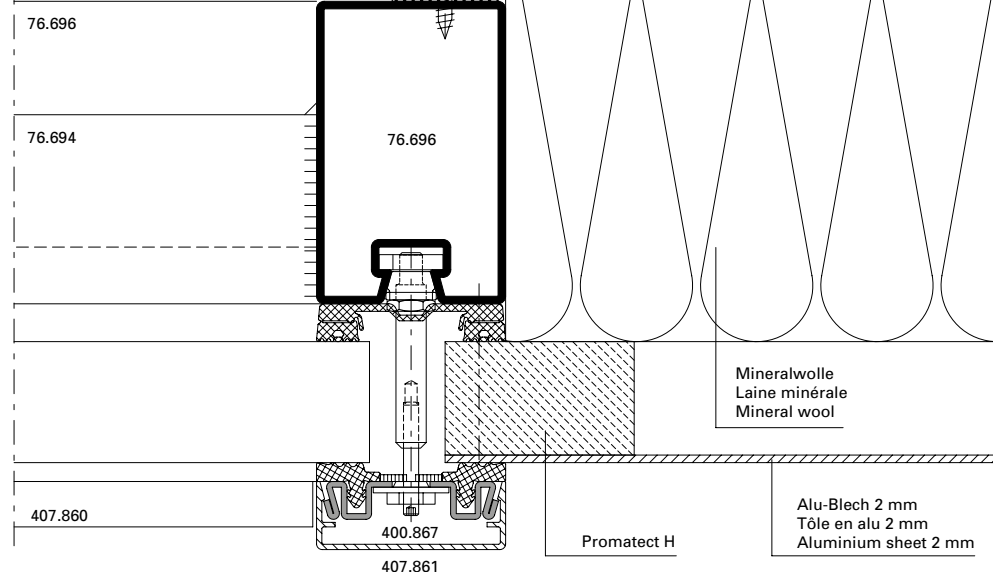


DXF DWG

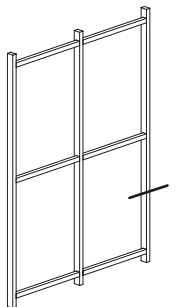
D-403-A-003

Stahlwinkel > 2 mm
 Cornière en acier > 2 mm
 Steel angle > 2 mm

Keramikfaserband
 Bande de fibre de céramique
 Ceramic fibre strip



EI30
 EI60
 EI90



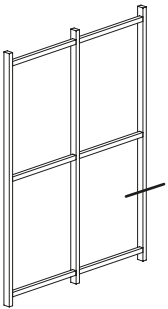
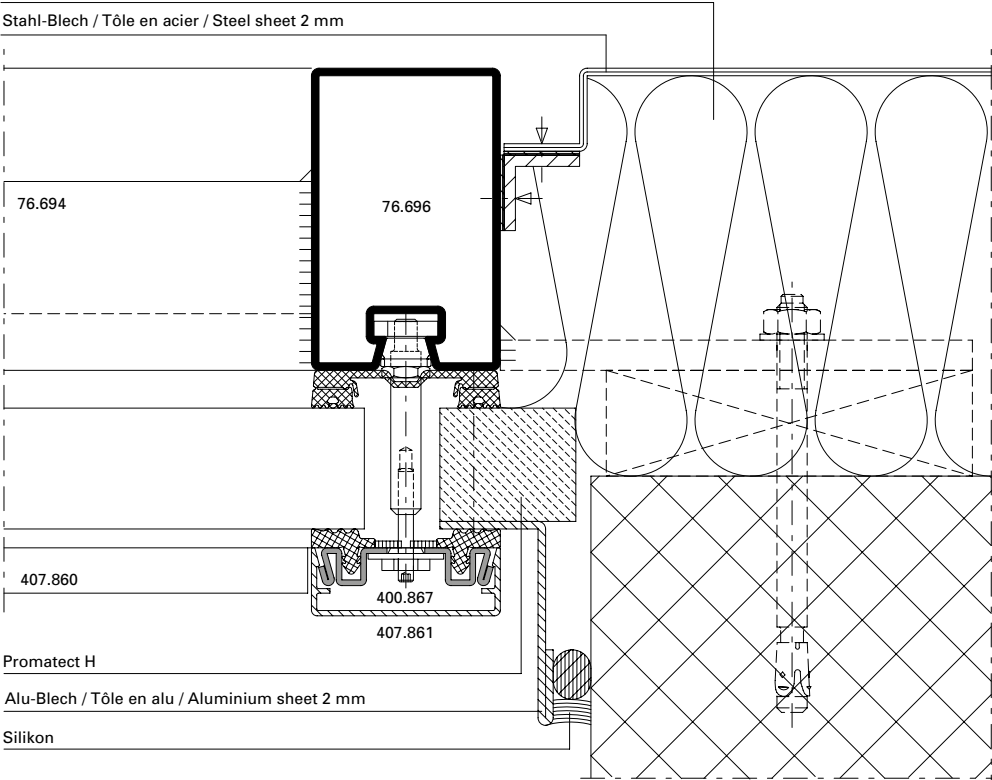
DXF DWG

D-403-A-004

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

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)

Mineralwolle / Laine minérale / Mineral wool
Stahl-Blech / Tôle en acier / Steel sheet 2 mm



EI30
EI60
EI90

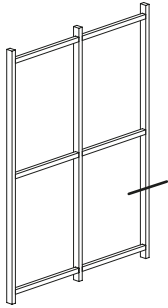
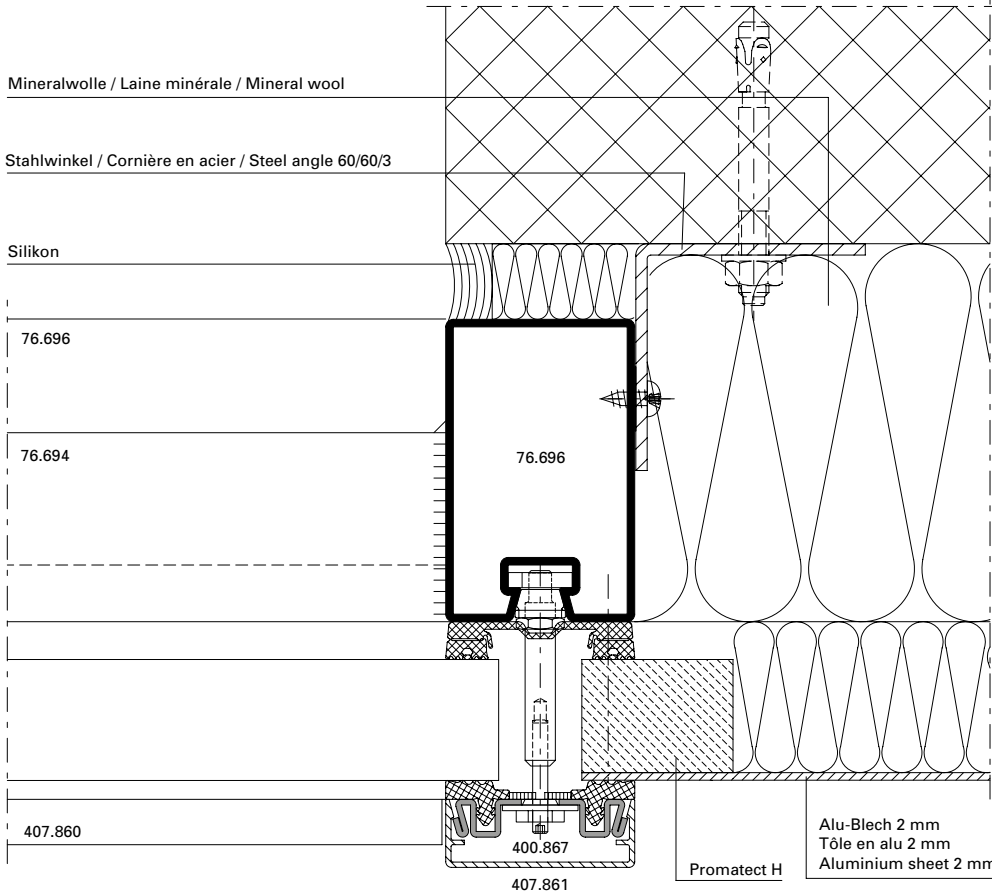
DXF DWG

D-403-A-005

Mineralwolle / Laine minérale / Mineral wool

Stahlwinkel / Cornière en acier / Steel angle 60/60/3

Silikon



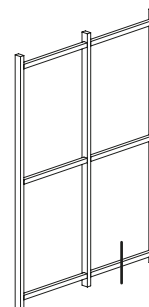
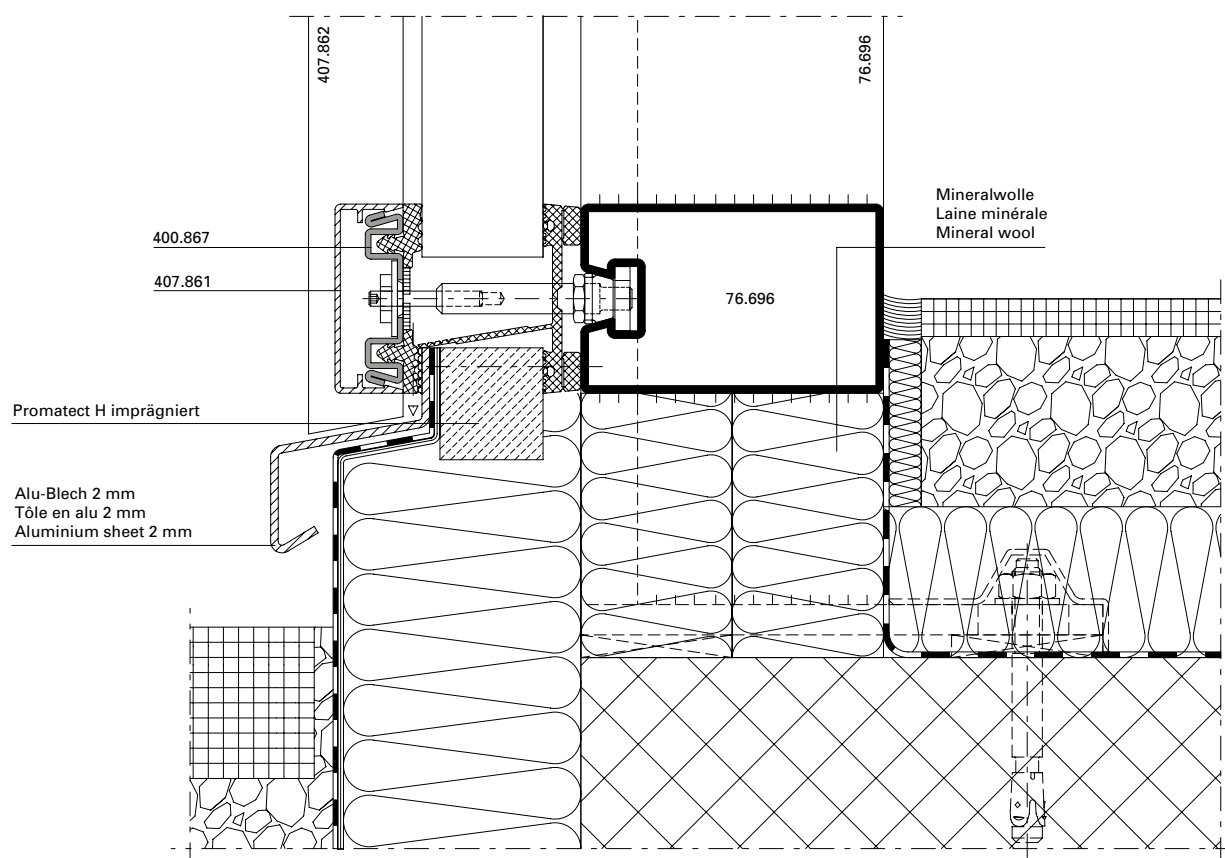
EI30
EI60
EI90

DXF DWG

D-403-A-006

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

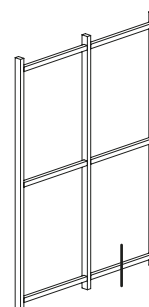
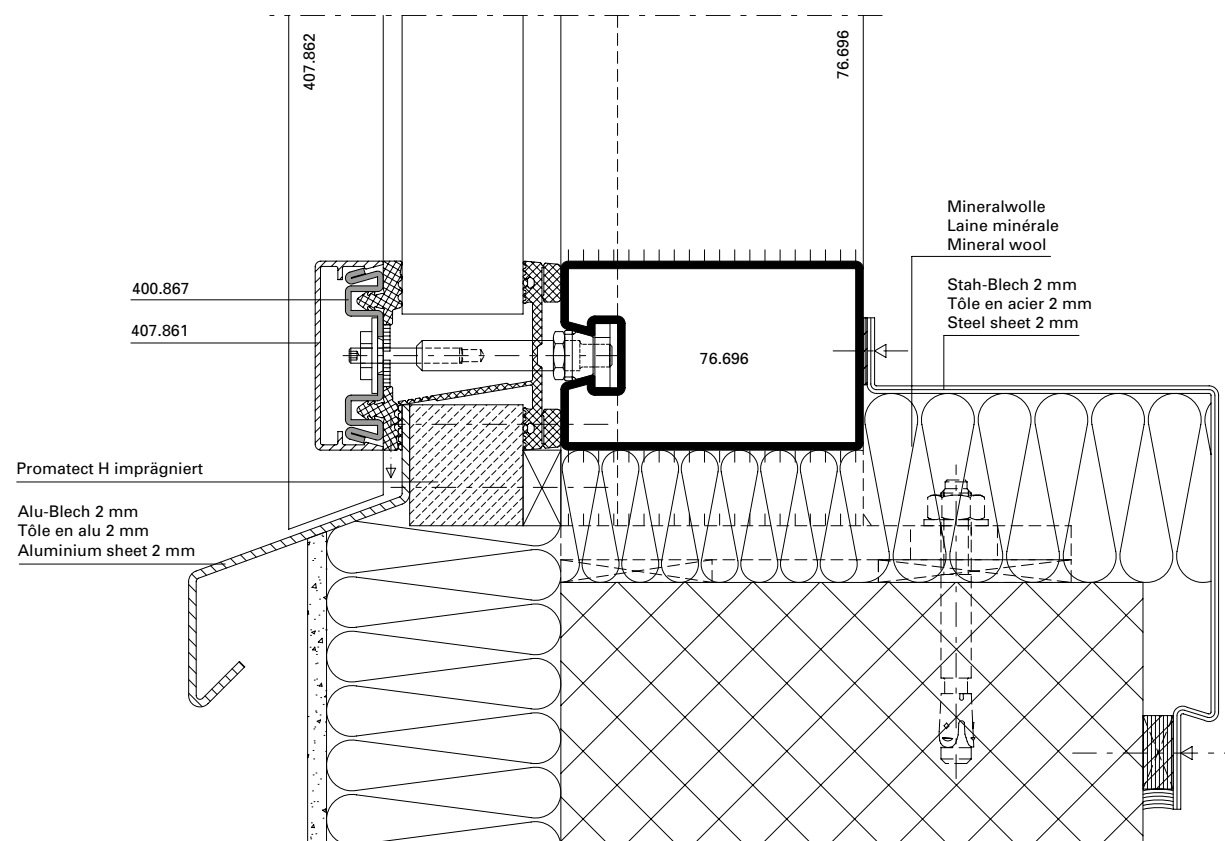
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



EI30
EI60
EI90

DXF DWG

D-403-A-007



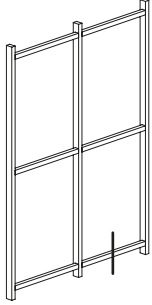
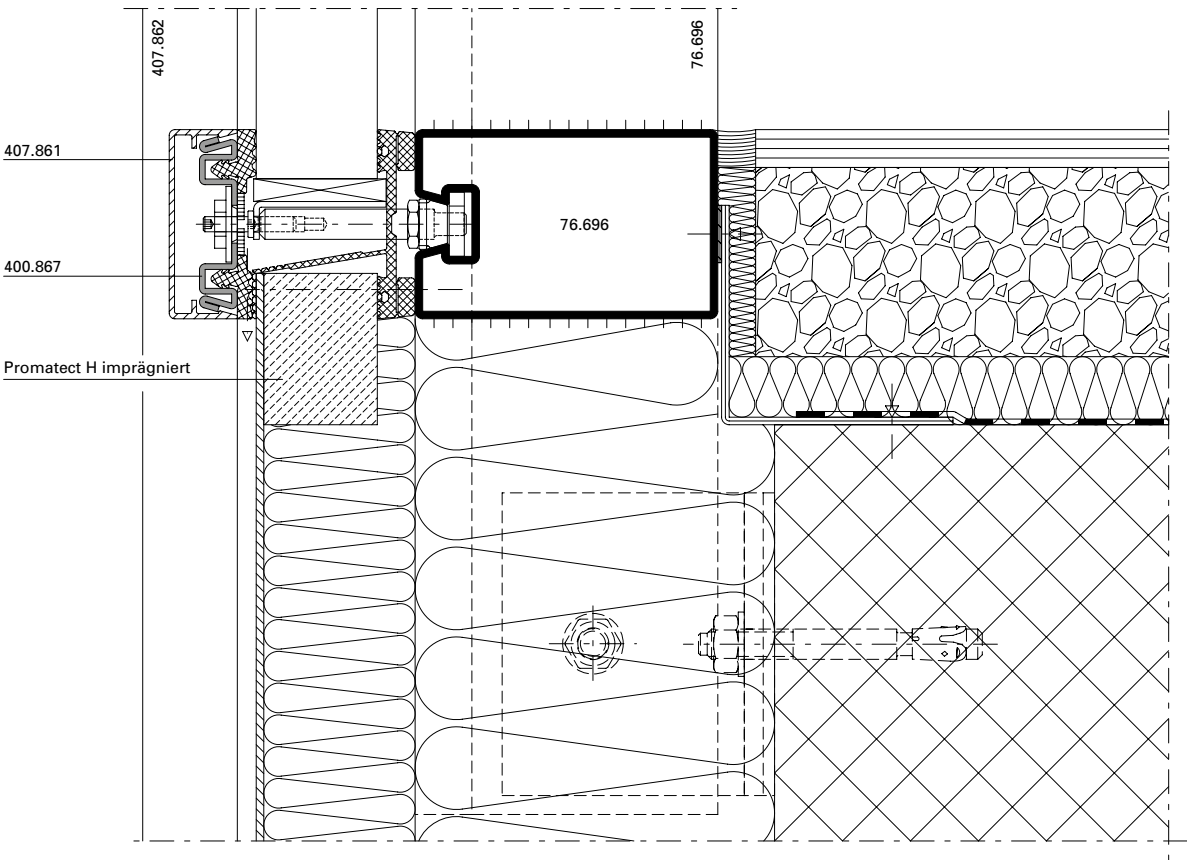
EI30
EI60
EI90

DXF DWG

D-403-A-008

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

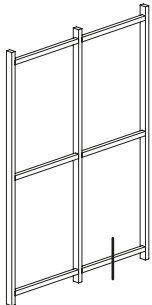
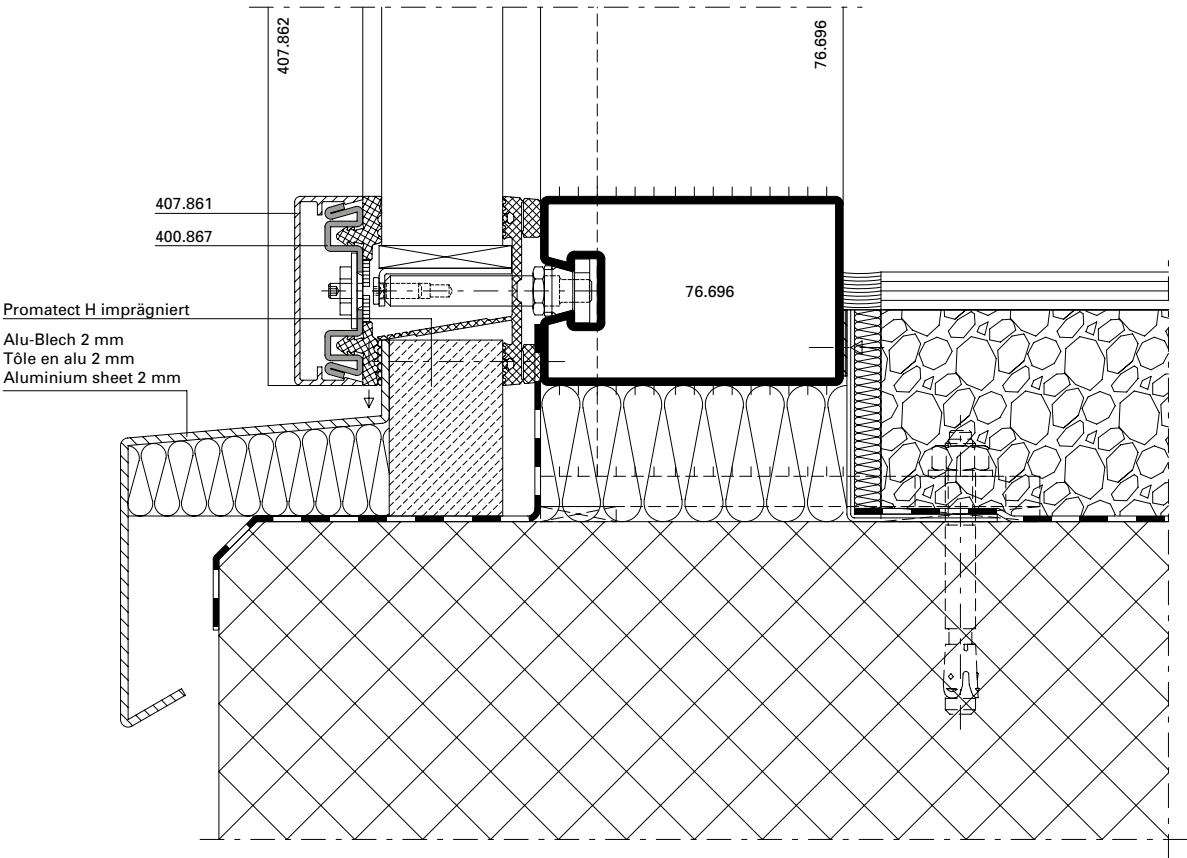
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



EI30
EI60
EI90

DXF DWG

D-403-A-009



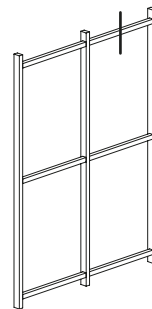
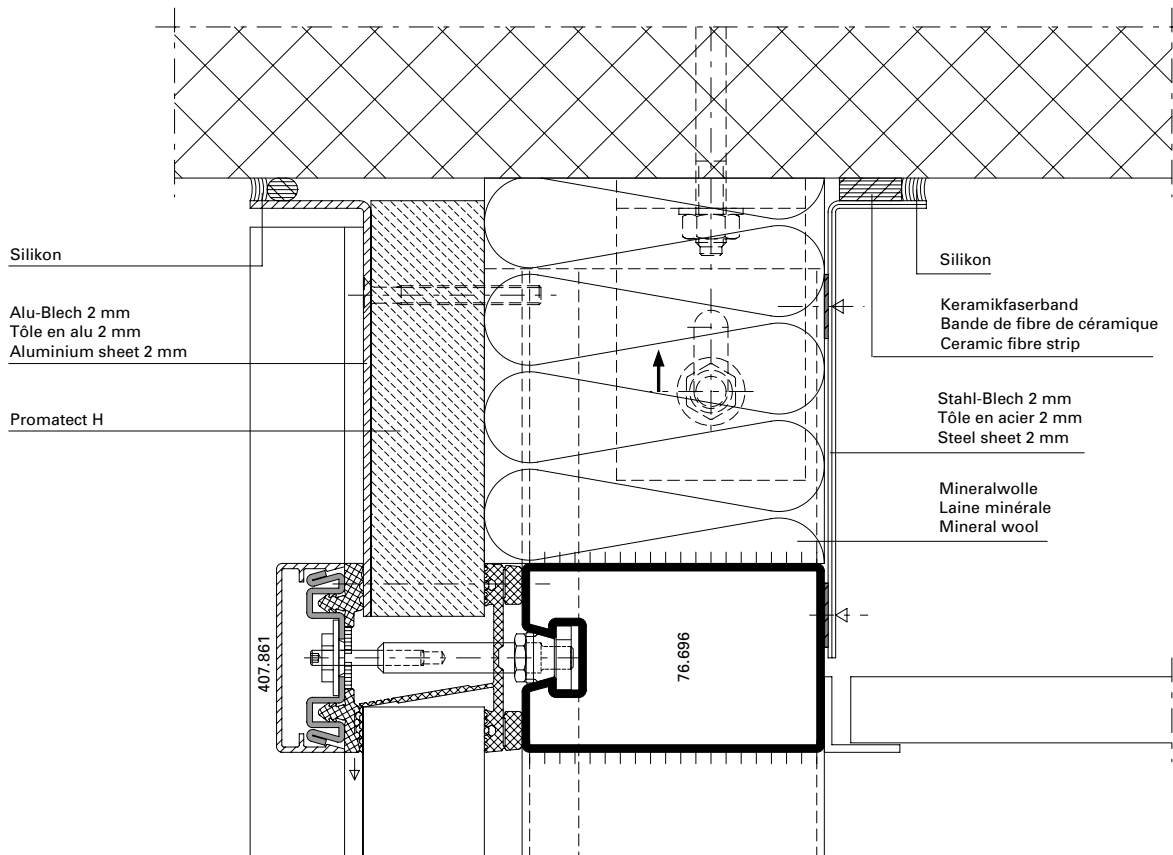
EI30
EI60
EI90

DXF DWG

D-403-A-010

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

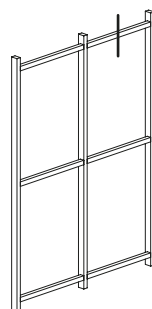
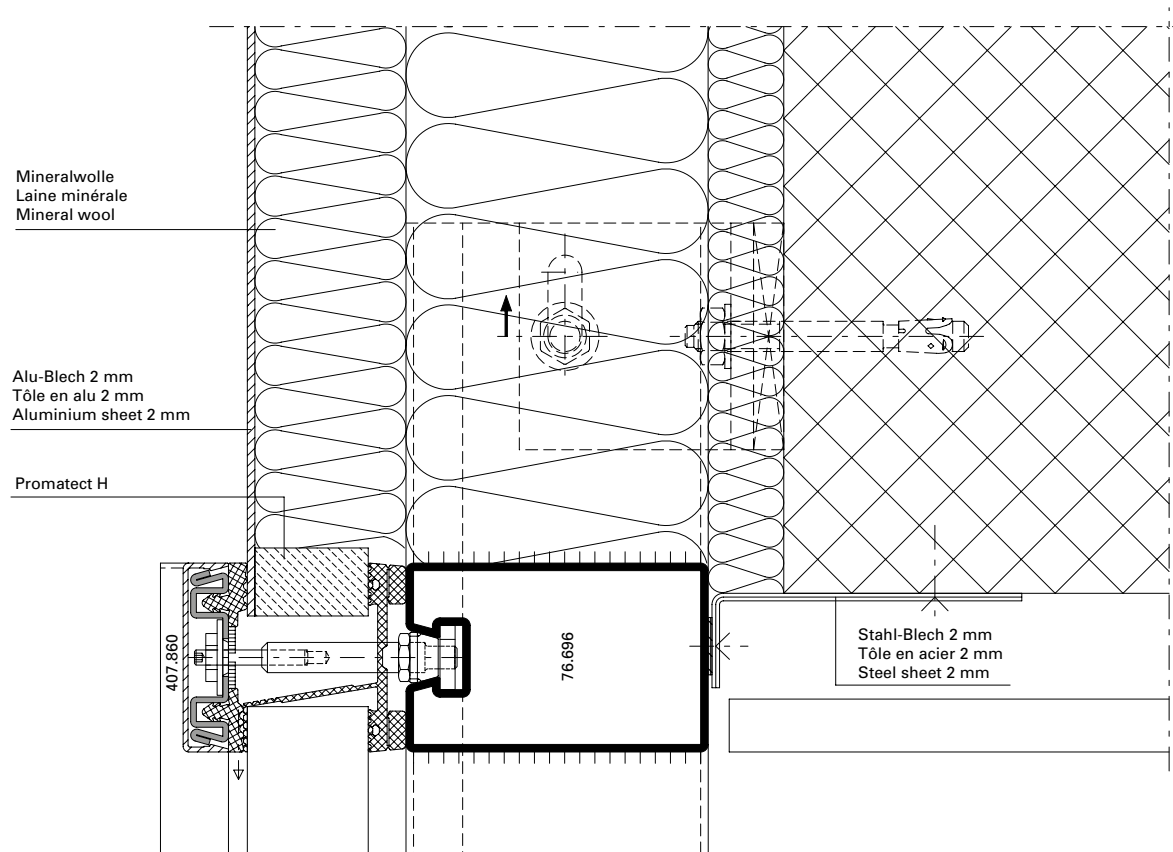
VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)



EI30
EI60
EI90

DXF DWG

D-403-A-011



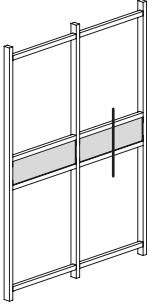
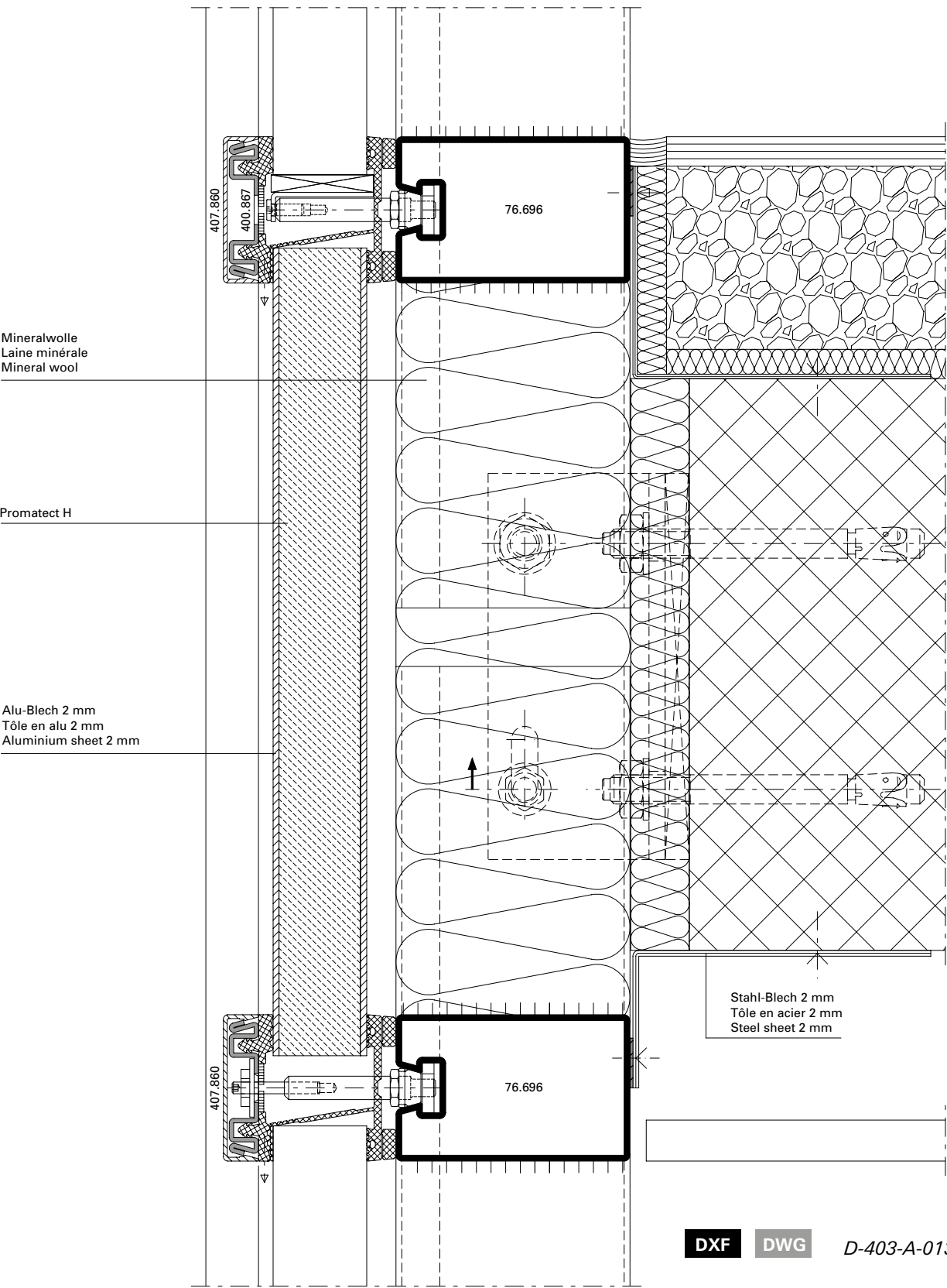
EI30
EI60
EI90

DXF DWG

D-403-A-012

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

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)

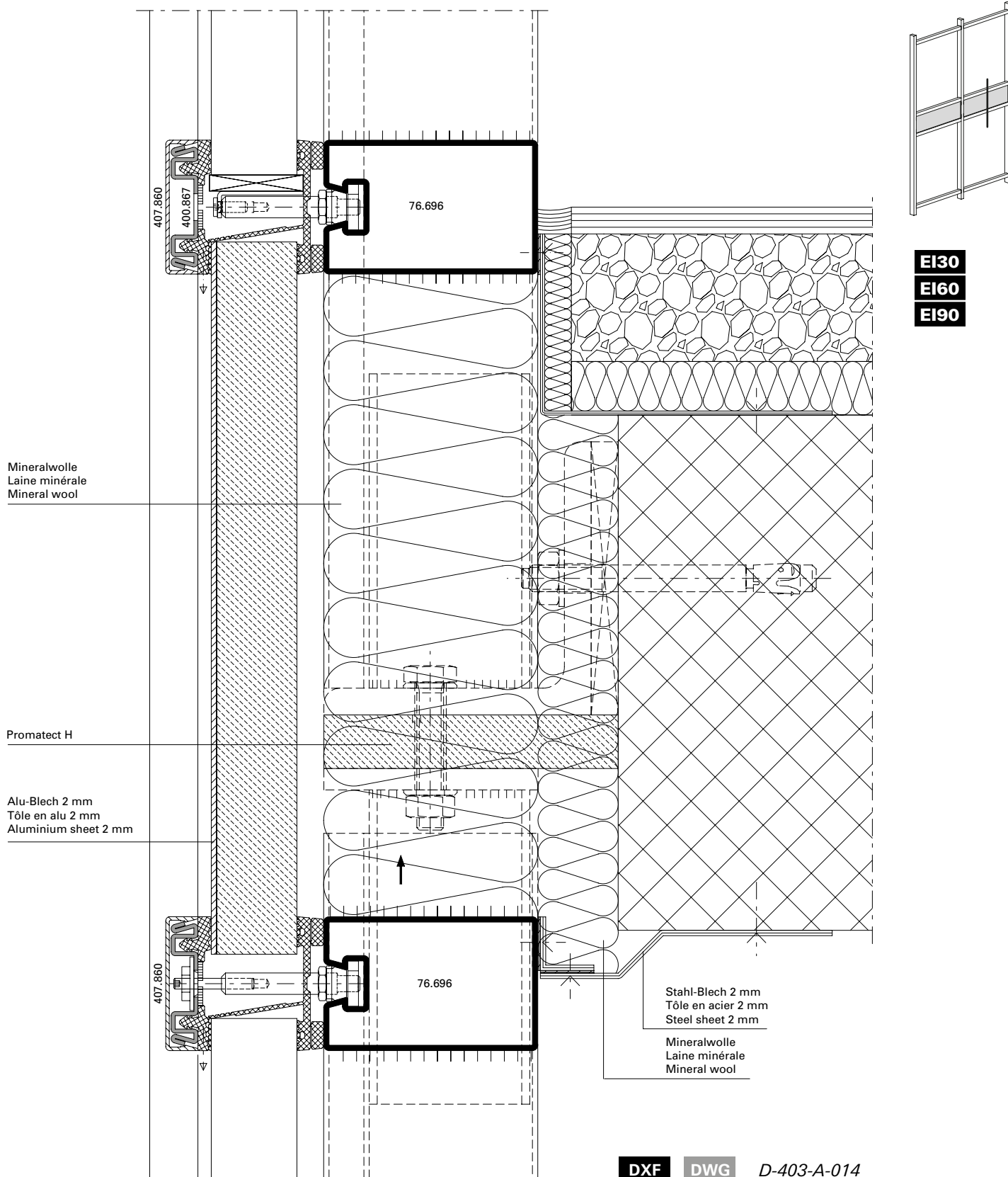


EI30
EI60
EI90

DXF DWG D-403-A-013

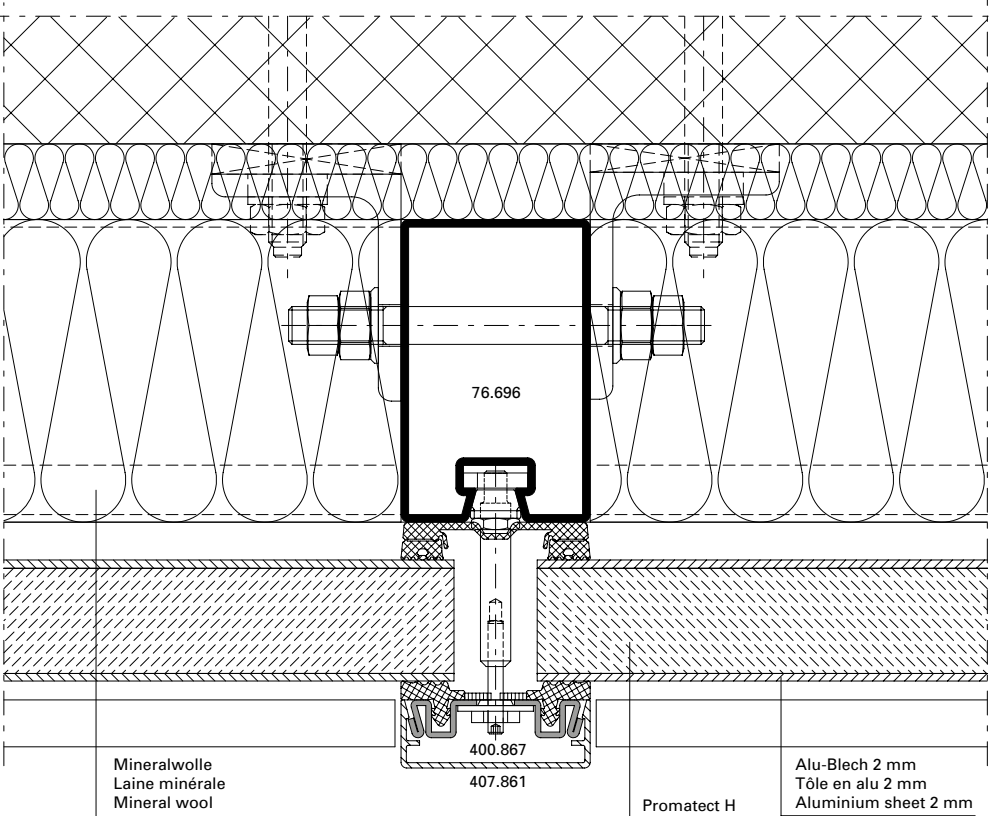
Anschlüsse am Bau im Masstab 1:2
 Raccordement au mur à l'échelle 1:2
 Attachment to structure on scale 1:2

VISS Fire TVS (vertikal)
 VISS Fire TVS (vertical)
 VISS Fire TVS (vertical)

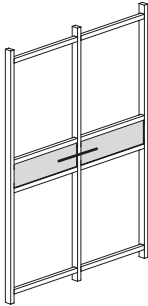


Anschlüsse am Bau im Massstab 1:2
Raccordement au mur à l'échelle 1:2
Attachment to structure on scale 1:2

VISS Fire TVS (vertikal)
VISS Fire TVS (vertical)
VISS Fire TVS (vertical)

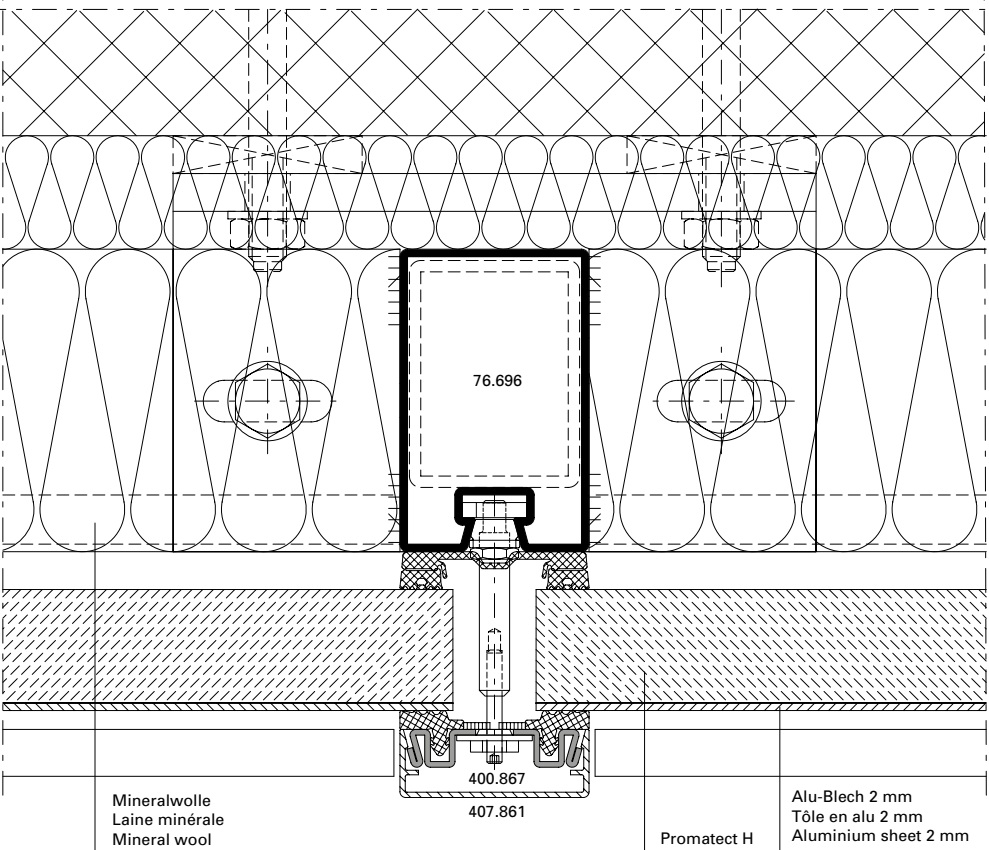


EI30
EI60
EI90

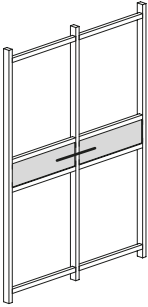


DXF DWG

D-403-A-015



EI30
EI60
EI90



DXF DWG

D-403-A-016

Anschlüsse am Bau im Massstab 1:2

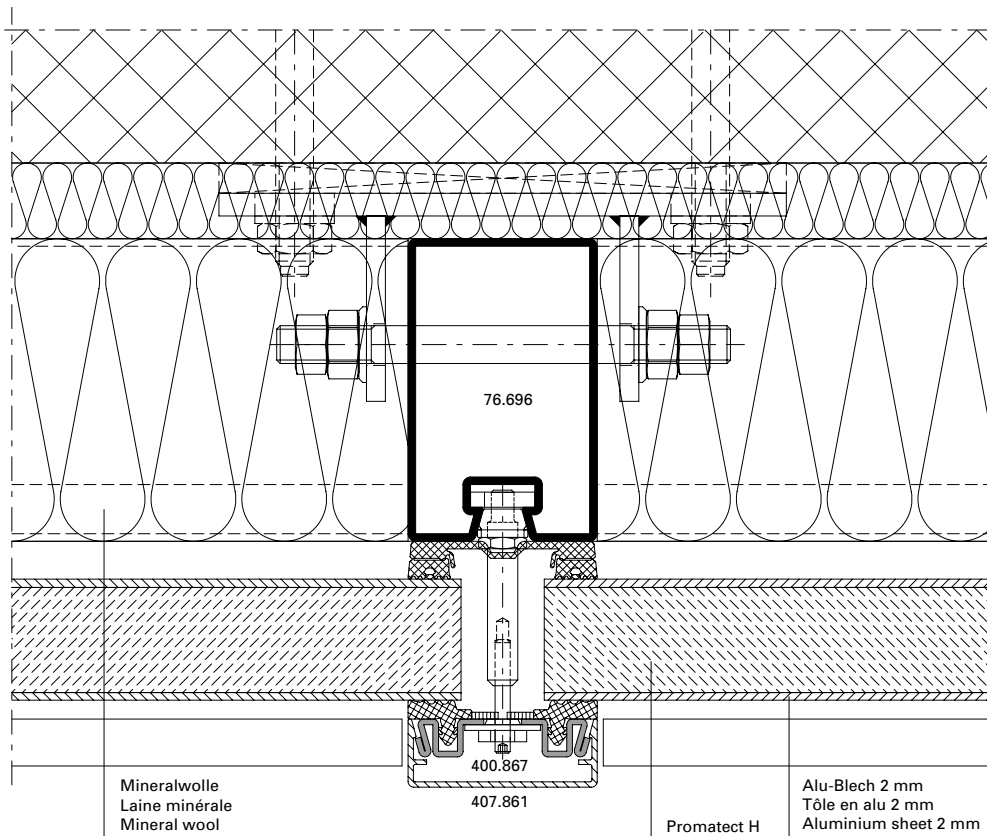
Raccordement au mur à l'échelle 1:2

Attachment to structure on scale 1:2

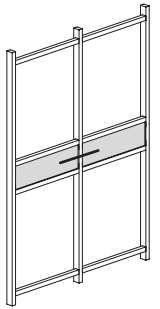
VISS Fire TVS (vertikal)

VISS Fire TVS (vertical)

VISS Fire TVS (vertical)

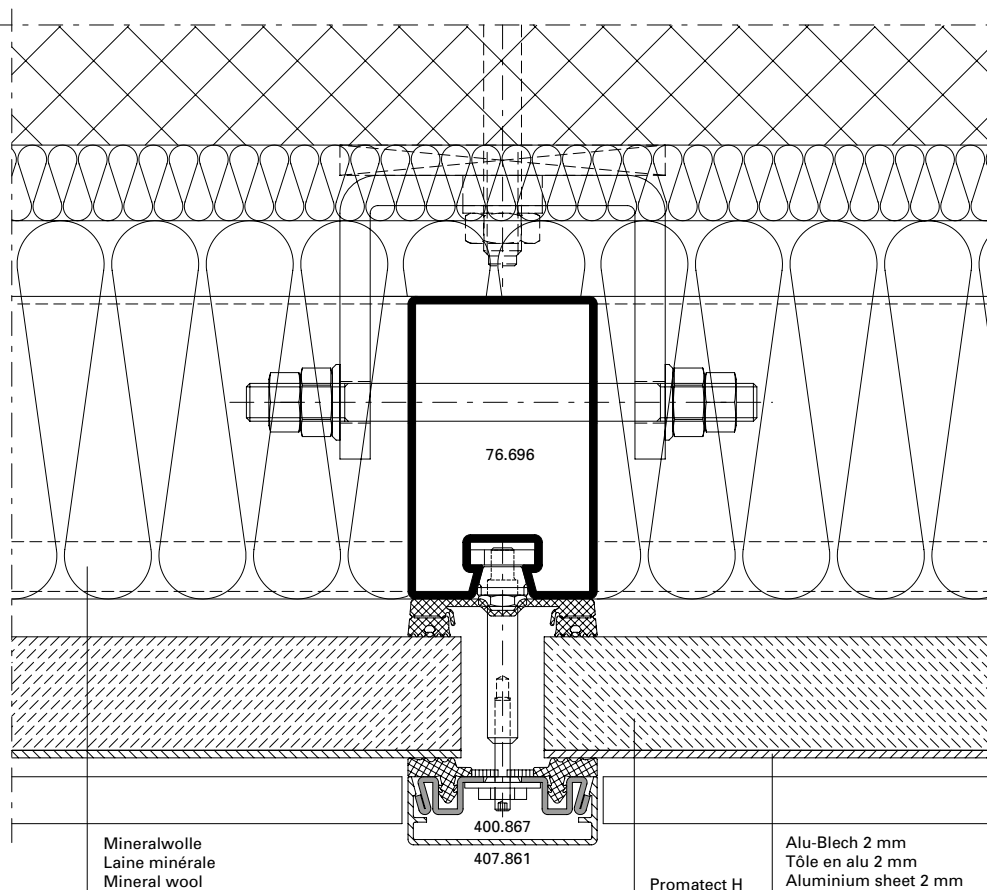


EI30
EI60
EI90

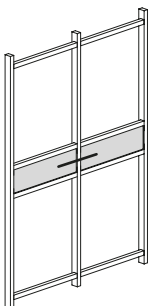


DXF DWG

D-403-A-017



EI30
EI60
EI90



DXF DWG

D-403-A-018

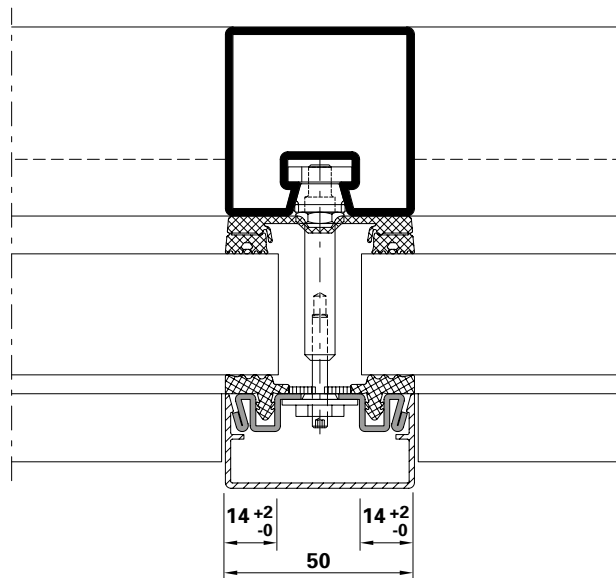
Vredespaleis (Friedenspalast), Den Haag/NL (Architekt: Michael Wilford, Stuttgart/D)



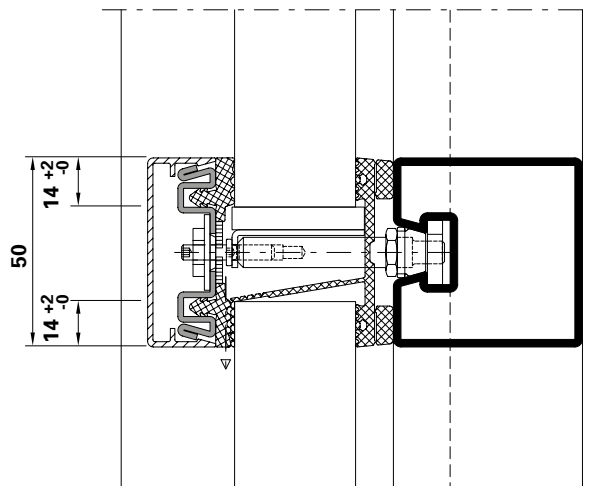
Glaseinstand

Prise en feu

Glass edge cover



EI30
EI60
EI90



Die landesspezifischen Brandschutz-Zulassungen bzw. deren Bestimmungen und Vorschriften sind zu beachten.

Les certificats de protection incendie spécifiques au pays, leurs dispositions et leurs prescriptions doivent être respectés.

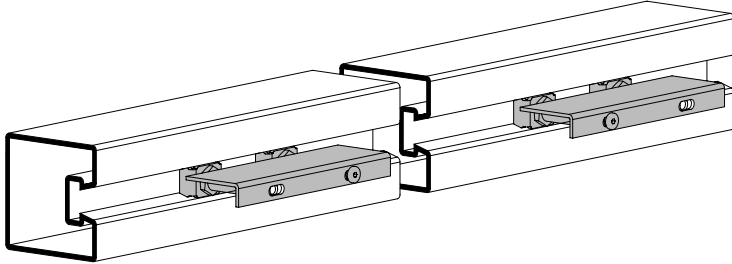
Fire-protection approvals or applicable national regulations and determinations must be observed.

Füllelementgewichte/
Glasauflagen

Poids éléments du remplissage/
Supports de verre

Weight of infill element/
Glazing supports

< 180 kg



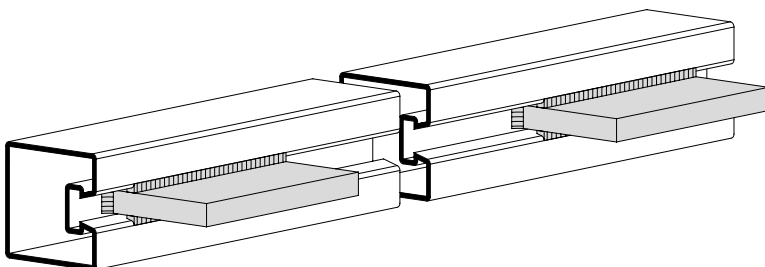
Für Füllelementstärken 5 - 57 mm
Pour éléments de remplissage 5 - 57 mm
For infill elements 5 - 57 mm

Sonderlösung

Solution spéciale

Customised solution

< 800 kg



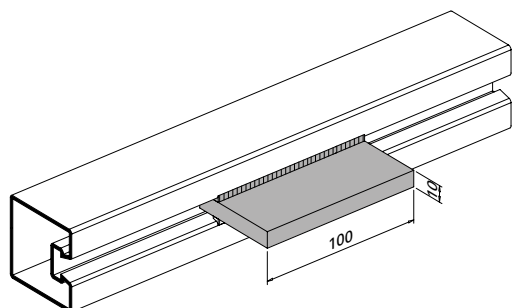
Für Füllelementstärken ab 58 mm
Pour éléments de remplissage à partir de 58 mm
For infill elements from 58 mm

Flachstahl 100 x 10 mm eingeschweisst
Acier plat 100 x 10 mm soudé
Flat steel 100 x 10 mm welding

**Sonderlösung
Glasauflagen**

**Solution spéciale
Supports de verre**

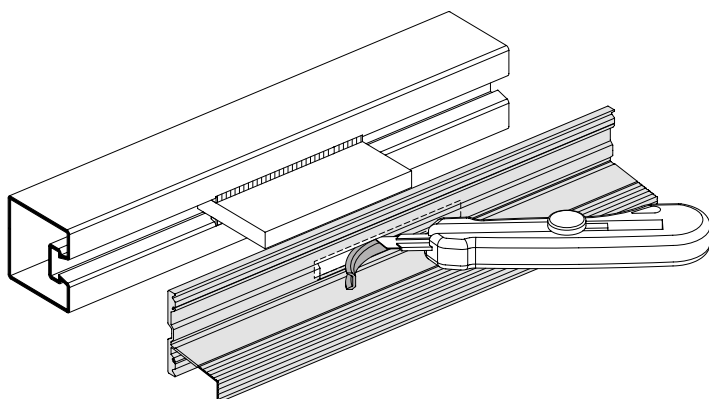
**Customised solution
Glazing supports**



Flachstahl 100x10 mm anschweißen

Souder acier plat 100x10 mm

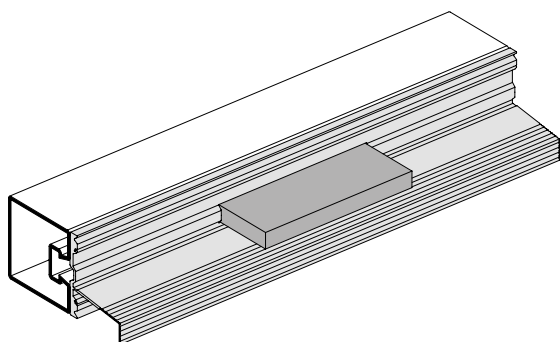
Weld on flat steel 100x10 mm



Innendichtung im Bereich der
Flachstahl-Glasauflagen ausklinken

Entailler le joint intérieur au niveau
du supports de verre en acier plat

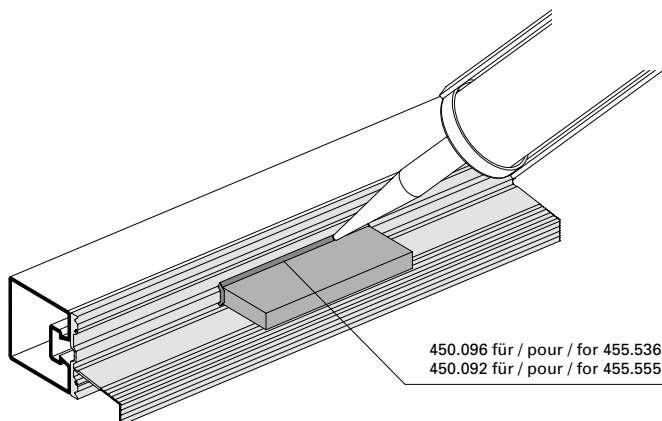
Disengage the inside sealing around
the flat steel glazing supports



Innendichtung über Flachstahl-Glasauflagen stecken

Emboîter le joint intérieur sur le
supports de verre en acier plat

Place the inside sealing over the
flat steel glazing supports



Ausklinkung im Bereich Glasauflagen
umlaufend mit Dichtmasse abdichten

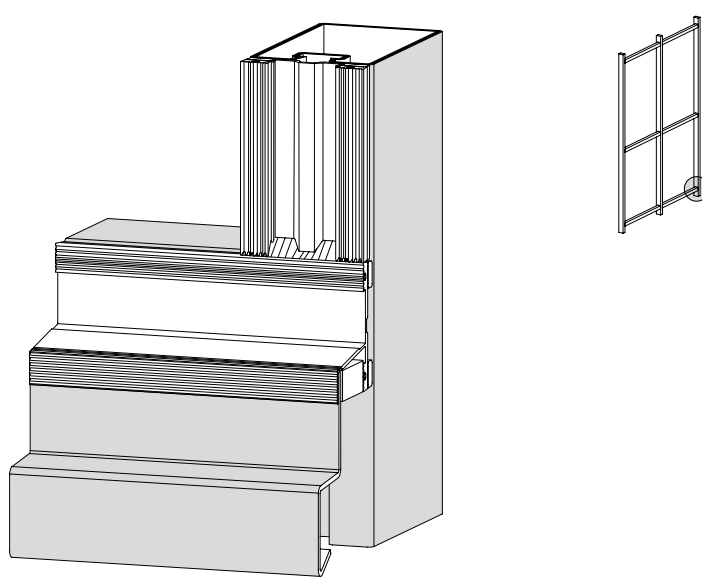
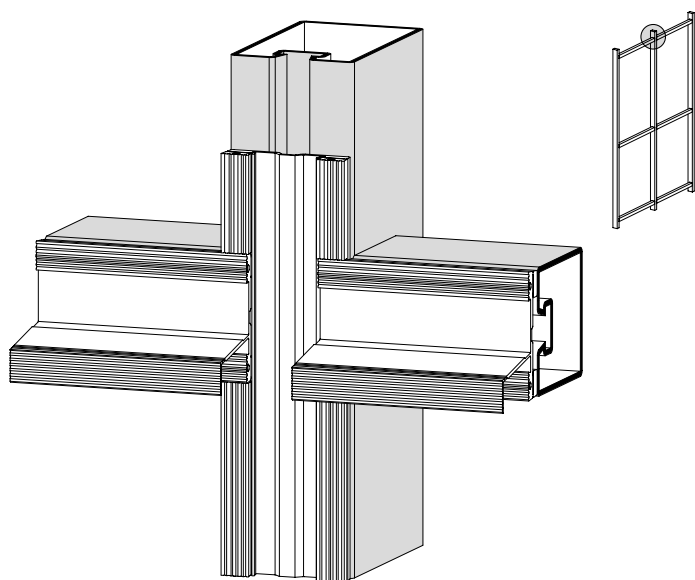
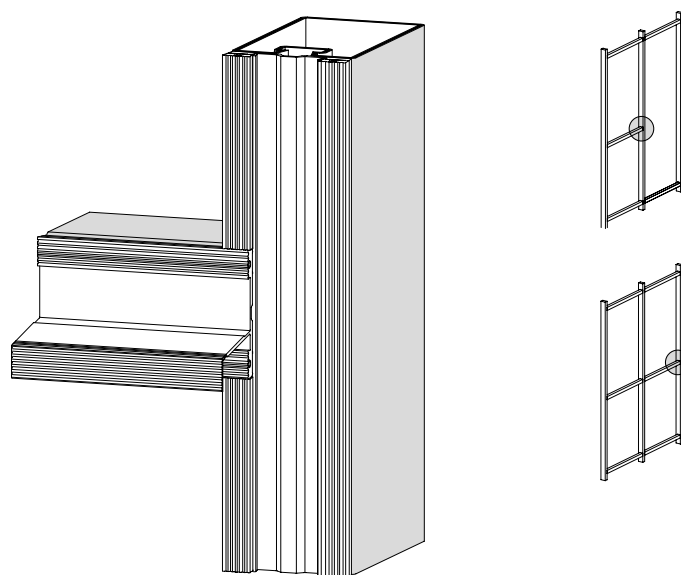
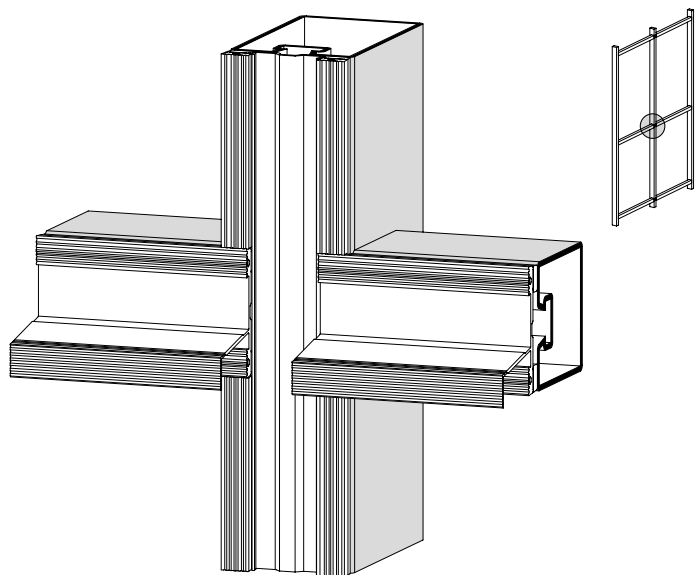
Colmater entièrement les bords de la
mortaise au niveau du supports de
verre à l'aide d'une pâte d'étanchéité

Seal the recess area around the
glazing supports all-round with sealing
compound

Stossausbildungen Innendichtung

Jonctions joint intérieur

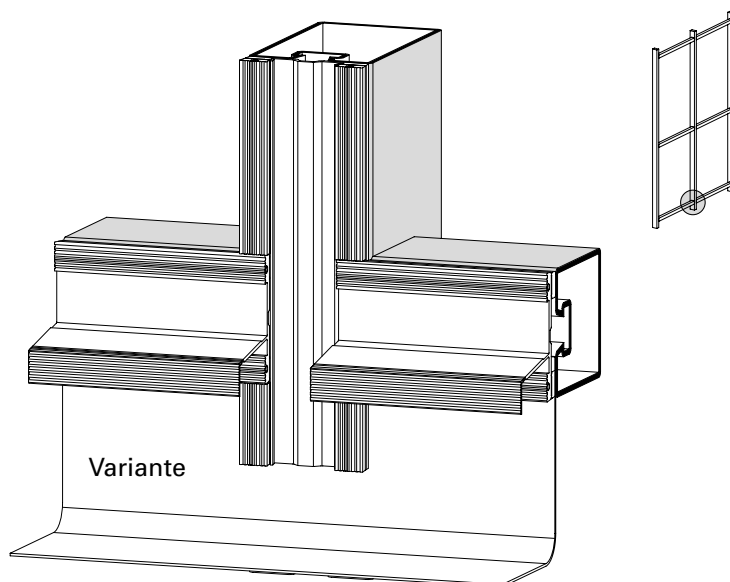
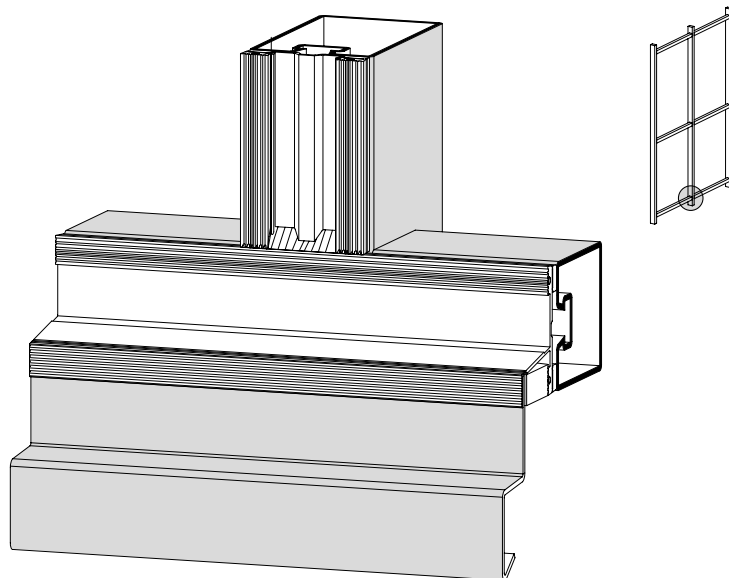
Inner gasket junctions



Stossausbildungen Innendichtung

Jonctions joint intérieur

Inner gasket junctions



Grafische Planungsdaten wie z.B. Anwendungsbeispiele, Konstruktionsdetails, Anschlüsse am Bau, die in unseren physischen oder elektronischen Dokumentationsunterlagen enthalten sind, sind schematische Darstellungen. Gleiches gilt für digitale Medien wie CAD Dateien oder BIM Modelle.

Sie sollen den ausführenden Metallbauer und/oder Fachplaner bei der Planung und Ausführung eines Projektes unterstützen. Sie sind im konkreten Anwendungsfall durch den ausführenden Metallbauer und/oder Fachplaner auf die Verwendbarkeit im konkreten betroffenen Projekt hinsichtlich rechtlichen/regulatorischen aber auch technischen objektspezifischen Anforderungen zu überprüfen und ggfs. eigenverantwortlich anzupassen.

Bei der Überprüfung, der spezifischen Planung und der Umsetzung sind die objektspezifischen Rahmenbedingungen (Material der Bausubstanz, Dimension des Einbauelements, Farbe, Exposition, Lasteinwirkung, etc.) sowie der geltende Stand der Technik einschliesslich aller anwendbaren Normen und technischen Richtlinien eigenverantwortlich zu beachten.

Falls das vorliegende Dokument Differenzen zur aktuellen deutschen Version (Artikel Nr. K1177901 aufweist, gilt in jedem Fall der deutsche Originaltext in der jeweils geltenden Fassung im Jansen Docu Center.

Alle Ausführungen dieser Dokumentation haben wir sorgfältig und nach bestem Wissen zusammengestellt. Wir können aber keine Verantwortung für die Benutzung der vermittelten Vorschläge und Daten übernehmen. Wir behalten uns technische Änderungen ohne Vorankündigung vor.

Les données de planification graphiques, comme les exemples d'application, détails de construction et raccordements au bâtiment, fournies dans notre documentation physique et numérique sont des représentations schématiques. Il en va de même pour les médias numériques comme les fichiers CAD ou modèles BIM.

Leur but est de faciliter la planification et réalisation d'un projet par les constructeurs métalliques et/ou concepteurs. Concrètement, elles doivent être vérifiées par le constructeur métallique et/ou le concepteur et, le cas échéant, modifiées de son propre chef pour s'assurer qu'elles concordent avec le projet concerné et qu'elles répondent aux exigences techniques spécifiques ainsi qu'aux dispositions légales et réglementaires.

Lors de la vérification, de la planification spécifique et de la mise en œuvre, il y a lieu de tenir compte des conditions spécifiques à l'objet (matériaux du bâtiment, dimension de l'élément d'insert, couleur, exposition, effet de charge, etc.) ainsi que de l'état actuel de la technique, y compris toutes les normes et directives techniques applicables.

En cas de divergence entre le présent document et la version allemande (no d'article K1177901), c'est dans tous les cas le texte original allemand qui prévaut dans sa version actuelle disponible dans le Jansen Docu Center.

Nous avons apporté le plus grand soin à l'élaboration de cette documentation. Cependant, nous déclinons toute responsabilité pour l'utilisation faite de nos propositions et de nos données. Nous nous réservons le droit de procéder à des modifications techniques sans préavis.

Graphical planning data such as application examples, construction details, connections on site that are contained in our physical or electronic documentation components are schematic representations. The same applies to digital media such as CAD files or BIM models.

They are intended to support the metal worker and/or design engineer in planning and executing projects. In the specific case of application they are to be checked by the metal worker and/or design engineer in terms of their usability in the specific project concerned with regard to legal/regulatory and technical property-specific requirements and adjusted if necessary at the latter's own responsibility.

The property-specific underlying conditions (construction material, dimensions of installation element, colour, exposure, load effect etc.) and current state of the art including all applicable norms and technical guidelines are to be taken into consideration at the metal worker and/or design engineer's own responsibility during the review, specific planning and implementation.

If there are any differences between this document and the current German version (item number K1177901), the latest version of the original German text in the Jansen Docu Center shall prevail.

All the information contained in this documentation is given to the best of our knowledge and ability. However, we decline all responsibility for the use made of these suggestions and data.

We reserve the right to effect technical modifications without prior warning.

**Lieferprogramm
VISS Fire TVS (vertikal)**

Code A = Änderungen
Code E = Ergänzungen
Code R = Redaktionelle Korrektur
Code T = Technische Korrektur

Version 10/2018
Artikelnummer 593.025

**Programme de livraison
VISS Fire TVS (vertical)**

Code A = Modifications
Code E = Compléments
Code R = Correction rédactionnelle
Code T = Correction technique

Version 10/2018
Numéro d'article 593.025

**Sales range
VISS Fire TVS (vertical)**

Code A = Modifications
Code E = Supplements
Code R = Editorial correction
Code T = Technical correction

Version 10/2018
Item number 593.025

Seite Page Page	Code Code Code	Datum Date Date	Erläuterung Explication Explanation
19	A	10/2023	Artikel 499.256 + 499.253 + 499.205 entfernt Article 499.256 + 499.253 + 499.205 retiré Article 499.256 + 499.253 + 499.205 remove
11	A	06/2023	Anpassung VE-Inhalt Art. 450.096 Adaptation du contenu UV Art. 450.096 Adaptation of PU content Art. 450.096
13	A	06/2023	Anpassung VE-Inhalt Art. 450.092 Adaptation du contenu UV Art. 450.092 Adaptation of PU content Art. 450.092
4, 5	A	06/2022	Zulassungen GB angepasst Homologations GB adaptée Authorisations GB changed

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