

VISS Fire DV

Brandschutz-Fassaden und -Dachverglasungen (Innenanwendung)

VISS Fire DV

Façades et verrières de protection incendie (application intérieure)

VISS Fire DV

Fire-resistant façades and roof glazings (inside application)

Systemübersicht

Systemschnitt
Typenübersicht
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Coupe du système
Sommaire des types
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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/E60/E90**

Schnittpunkte
Konstruktions-Details
Anschlüsse am Bau

**Consignes de construction
E30/E60/E90**

Coupes de détails
Détails de construction
Raccordement au mur

**Construction instructions
E30/E60/E90**

Section details
Construction details
Attachment to structure

15

**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

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**Konstruktions-Hinweise
VISS Fire DVS**

Schnittpunkte
Konstruktions-Details
Anschlüsse am Bau

**Consignes de construction
VISS Fire DVS**

Coupes de détails
Détails de construction
Raccordement au mur

**Construction instructions
VISS Fire DVS**

Section details
Construction details
Attachment to structure

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

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.

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.

VISS Fire DV

Wärmegeämmte Pfosten-Riegel-konstruktion für Brandschutz-Fassaden (**Innenanwendung trocken**).

Anwendung:
E30 / E60 / E90
EI30 / EI60 / EI90

VISS Fire DV

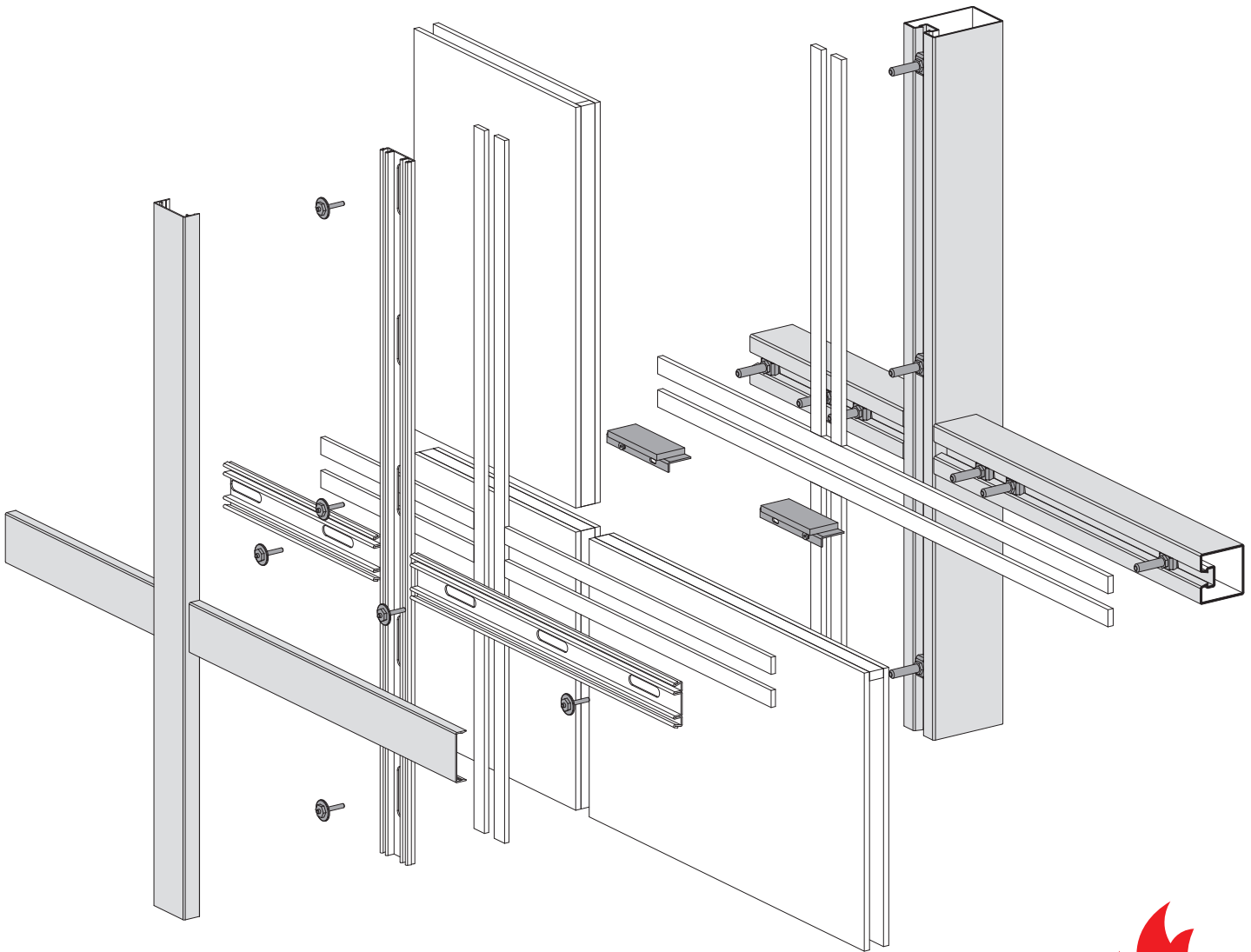
Construction à montants et traverses à rupture de pont thermique pour les façades de protection incendie (**application intérieure sèche**).

Application:
E30 / E60 / E90
EI30 / EI60 / EI90

VISS Fire DV

Fully insulated curtain walling system for fire protection façades (**inside application dry**).

Application:
E30 / E60 / E90
EI30 / EI60 / EI90



VISS Fire DVS

Wärmegeämmte Pfosten-Riegel-konstruktion für Brandschutz-Schrägverglasungen (**Innenanwendung trocken**).

Anwendung:
E30
EI30

VISS Fire DVS

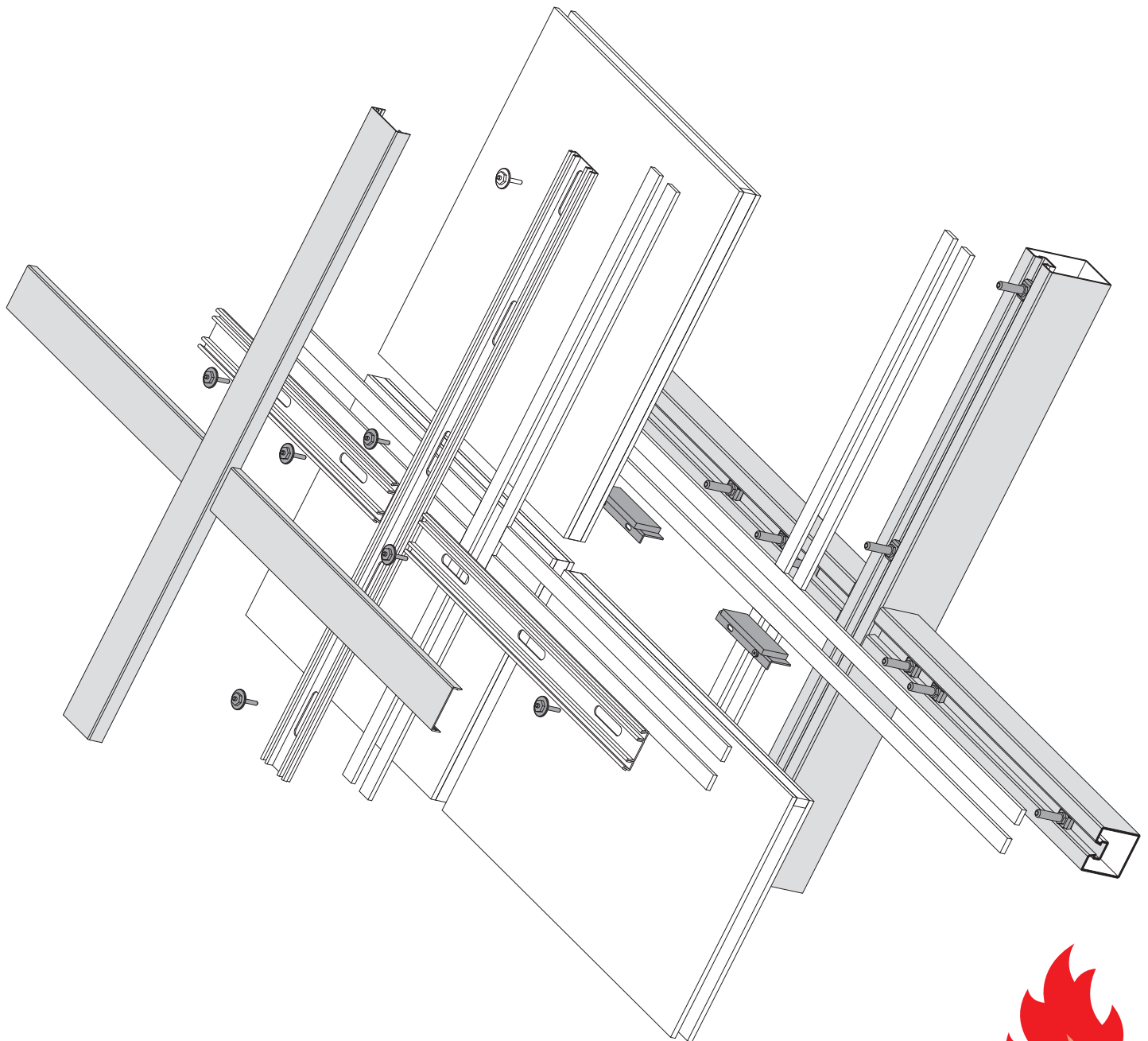
Construction à montants et traverses à rupture de pont thermique pour les vitrages inclinés de protection incendie (**application intérieure sèche**).

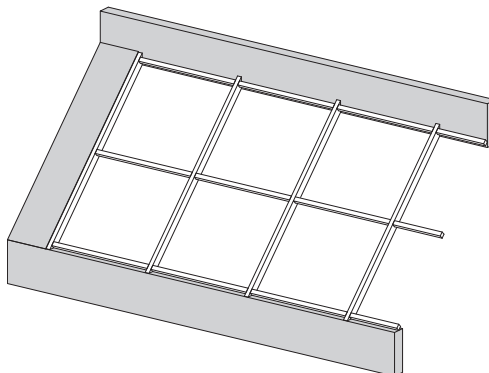
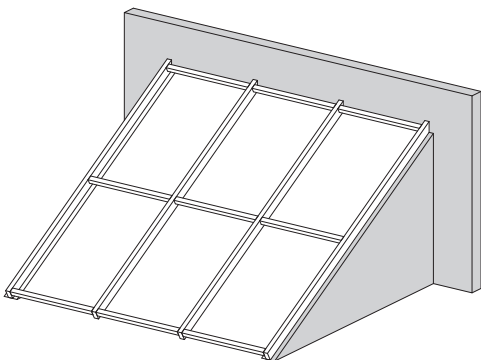
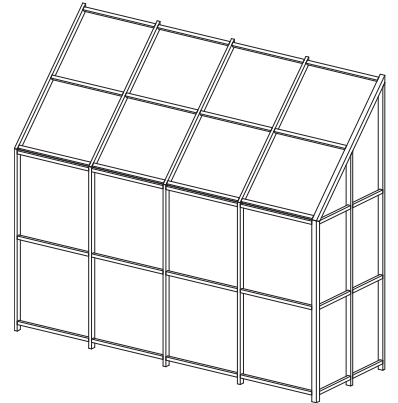
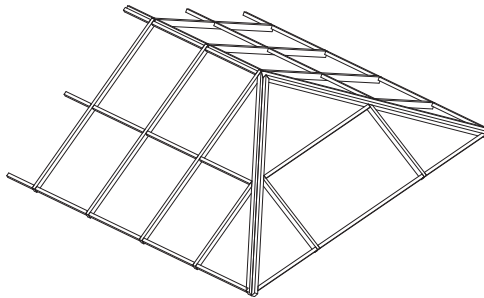
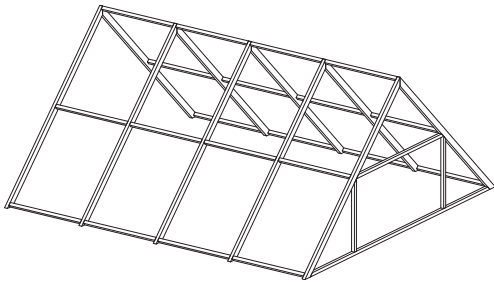
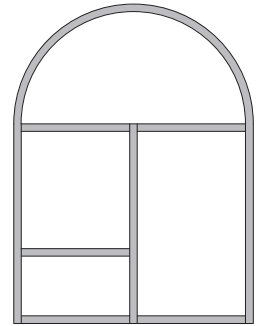
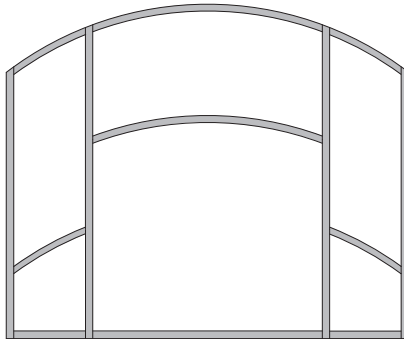
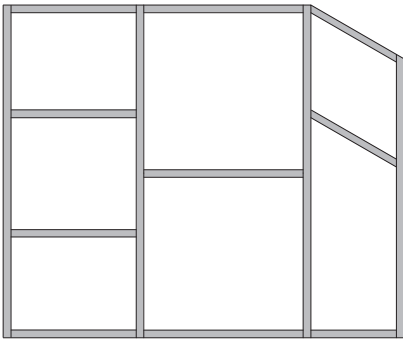
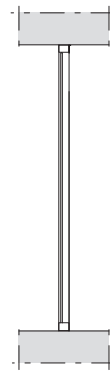
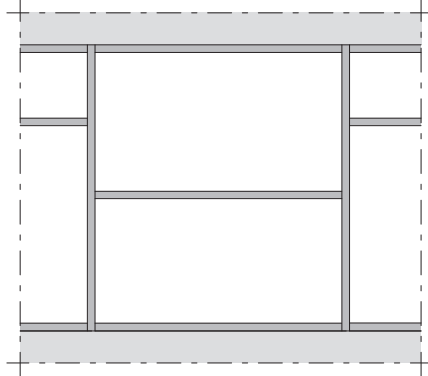
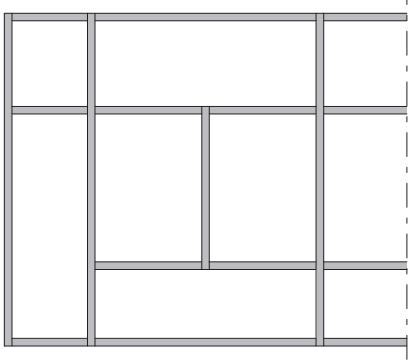
Application:
E30
EI30

VISS Fire DVS

Fully insulated curtain walling system for fire protection inclined glazed areas (**inside application dry**).

Application:
E30
EI30





VISS Fire DV
Brandschutzverglasung Klasse E

VISS Fire DV
Vitrage pare-flammes Classe E

VISS Fire DV
Fire protection glazing Class E

CH: R30
SBZ 8155
E60
SBZ 14647 / SBZ 14648

CH: R30
SBZ 8155
E60
SBZ 14647 / SBZ Z 14648

CH: R30
SBZ 8155
E60
SBZ 14647 / SBZ Z 14648

DE: G30
Z-19-14-590
Z-19.14-1214
G60
Z-19.14-1216
G90
Z-19.14-1563
DIBt Berlin

DE: G30
Z-19-14-590
Z-19.14-1214
G60
Z-19.14-1216
G90
Z-19.14-1563
DIBt Berlin

DE: G30
Z-19-14-590
Z-19.14-1214
G60
Z-19.14-1216
G90
Z-19.14-1563
DIBt Berlin

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

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

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

A: E30 / EW30
E60 / EW60
E90 / EW90
Klassifizierungsbericht
Nr. 100 308 27-4 IBS Linzz

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

F: Pare-flammes 30', 45', 60', 90'
Divers Procès-verbaux
efectis france

F: Pare-flammes 30', 45', 60', 90'
Divers Procès-verbaux
efectis france

F: Pare-flammes 30', 45', 60', 90'
Divers Procès-verbaux
efectis france

GB: Vertikal
Integrity 1/2 h, 1 h, 1 1/2 h, 2 h
BS 476:Part 22:1987
CC 204234A, Rev. 3
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

GB: Vertical
Integrity 1/2 h, 1 h, 1 1/2 h, 2 h
BS 476:Part 22:1987
CC 204234A, Rev. 3
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

GB: Vertical
Integrity 1/2 h, 1 h, 1 1/2 h, 2 h
BS 476:Part 22:1987
CC 204234A, Rev. 3
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

Schräg
Integrity 1/2 h, 1 h
BS 476:Part 22:1987
CC 223495
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

Oblique
Integrity 1/2 h, 1 h
BS 476:Part 22:1987
CC 223495
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

Sloping
Integrity 1/2 h, 1 h
BS 476:Part 22:1987
CC 223495
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.

Zulassungen/Prüfungen
Homologations/Essais
Authorisations/Tests

VISS Fire DV
VISS Fire DV
VISS Fire DV

VISS Fire DV
Brandschutzverglasung Klasse EI

VISS Fire DV
Vitrage coupe feu Classe EI

VISS Fire DV
Fire protection glazing Class EI

DE: F30
Z-19-14-1592

F90
Z-19-14-1730

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

DE: F30
Z-19-14-1592

F90
Z-19-14-1730

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

DE: F30
Z-19-14-1592

F90
Z-19-14-1730

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

F: Coupe feu 30', 45', 60', 90'
Divers Procès-verbaux
efectis france

F: Coupe feu 30', 45', 60', 90'
Divers Procès-verbaux
efectis france

F: Coupe feu 30', 45', 60', 90'
Divers Procès-verbaux
efectis france

GB: Vertikal
Integrity 1/2 h, 1 h, 1 1/2 h, 2 h
BS 476:Part 22:1987
CC 204234A, Rev. 3
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

GB: Vertikal
Integrity 1/2 h, 1 h, 1 1/2 h, 2 h
BS 476:Part 22:1987
CC 204234A, Rev. 3
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

GB: Vertikal
Integrity 1/2 h, 1 h, 1 1/2 h, 2 h
BS 476:Part 22:1987
CC 204234A, Rev. 3
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

Schräg
Integrity 1/2 h, 1 h
BS 476:Part 22:1987
CC 223495
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

Oblique
Integrity 1/2 h, 1 h
BS 476:Part 22:1987
CC 223495
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

Sloping
Integrity 1/2 h, 1 h
BS 476:Part 22:1987
CC 223495
BRE GB-Bucknalls Lane,
Harston, Watford, Herfordshire

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applicable national regulations
and determinations must be
observed.

Interunfall, Bregenz/A (Architekt: Jean Nouvel, Paris/F)



Profile 50 mm (Massstab 1:3)

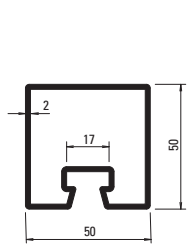
Profils 50 mm (échelle 1:3)

Profiles 50 mm (scale 1:3)

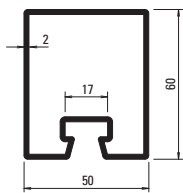
VISS Fire DV

VISS Fire DV

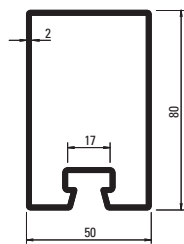
VISS Fire DV



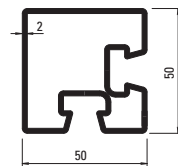
76.694
76.694 Z



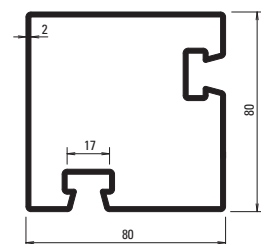
76.671
76.671 Z



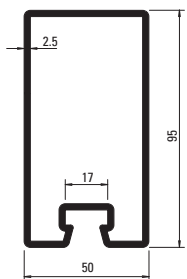
76.696
76.696 Z



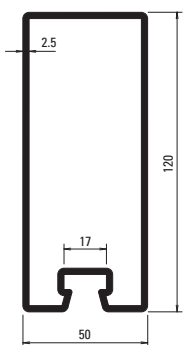
76.094
76.094 GV+GC



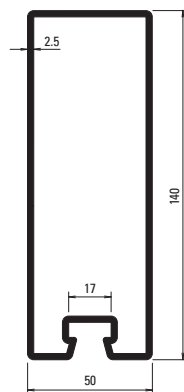
76.096
76.096 GV+GC



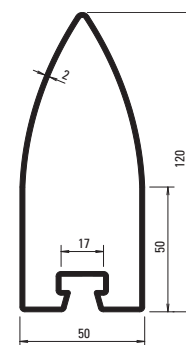
76.697
76.697 Z



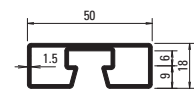
76.679
76.679 Z



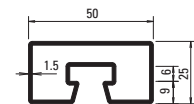
76.666
76.666 Z



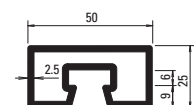
76.105
76.105 GV+GC



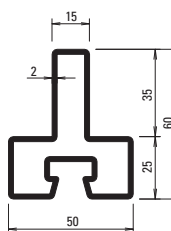
76.692
76.692 GV+GC



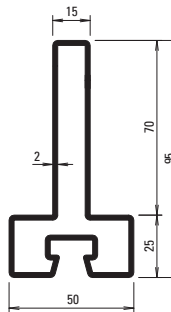
76.682
76.682 GV+GC



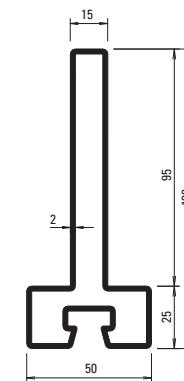
76.680
76.680 GV+GC



76.114
76.114 GV+GC



76.115
76.115 GV+GC



76.116
76.116 GV+GC

| 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 | 6,000 | 7,64 | 68,50 | 16,79 | 68,53 | 16,79 | 0,391 |
| 76.105 | 5,190 | 6,62 | 97,55 | 13,62 | 22,71 | 9,08 | 0,338 |
| 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 | 105,00 | 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 (Masstab 1:3)

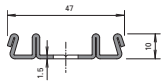
Profils de recouvrement 50 mm (échelle 1:3)

Cover sections 50 mm (scale 1:3)

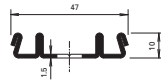
VISS Fire DV

VISS Fire DV

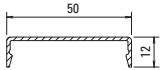
VISS Fire DV



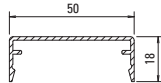
400.868



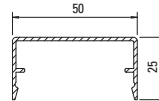
400.868 Z



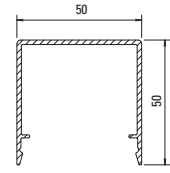
407.860



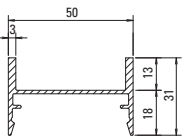
407.861



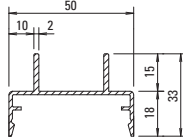
407.862



407.863



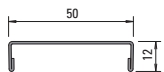
407.900



407.911

**Edelstahl-Abdeckprofile
Werkstoff 1.4301 (AISI 304)**

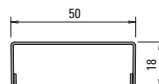
geschliffen, Korn 220/240,
mit Schutzfolie, Länge 6 m



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

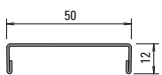
**Stainless steel cover sections
Material 1.4301 (AISI 304)**

polished, grain 220/240,
with protective film, length 6 m



**Edelstahl-Abdeckprofile
Werkstoff 1.4401 (AISI 316)**

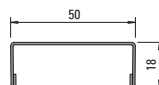
geschliffen, Korn 220/240,
mit Schutzfolie, Länge 6 m



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 |

Artikel in Abhängigkeit der
Füllelementstärken

Articles en fonction de l'éléments
de remplissage

Items depending on thickness of
infill elements

VISS Fire DV Vertikalfassaden
VISS Fire DVS Dachverglasungen

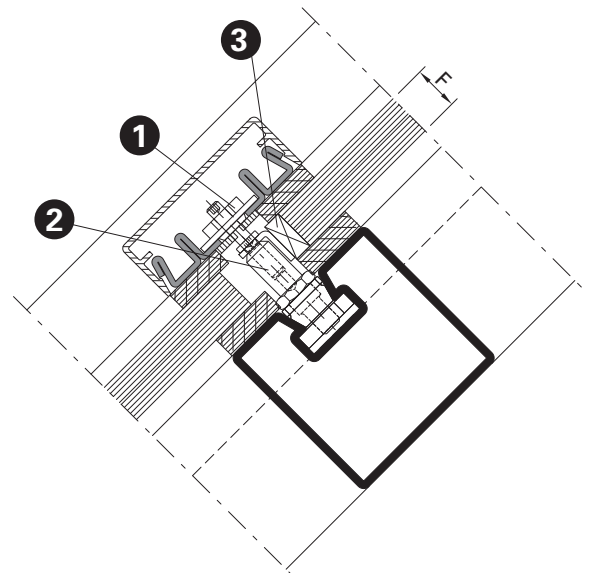
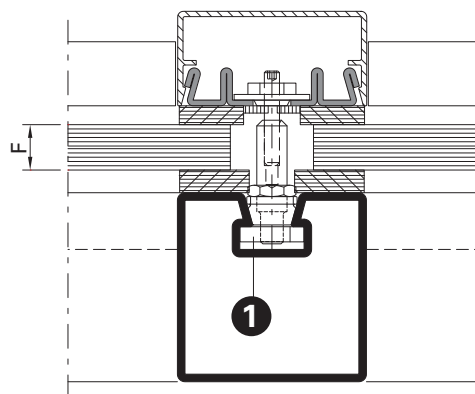
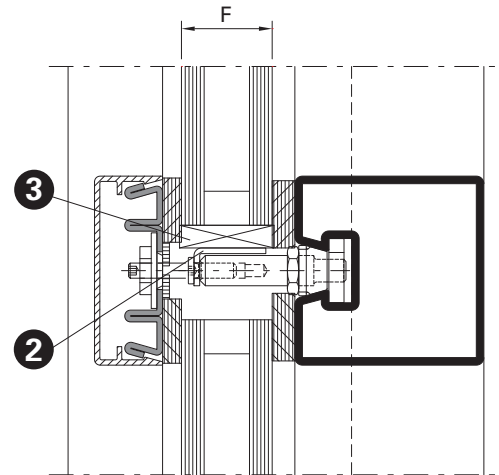
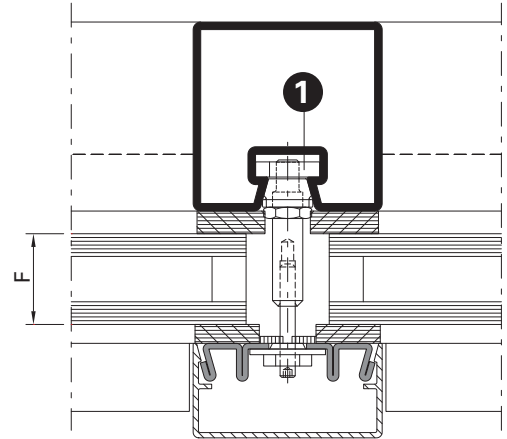
VISS Fire DV Façades verticales
VISS Fire DVS Verrières

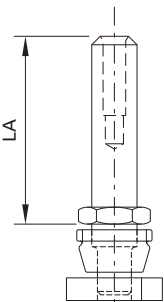
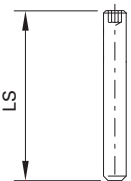
VISS Fire DV Vertical façades
VISS Fire DVS Roof glazings

| 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 – 09 | 452.474 | 452.491 | 453.070 |
| 10 – 11 | 452.430 | 452.439 | 453.070 |
| 12 – 14 | 452.481 | 452.455 | 453.070 |
| 15 | 452.431 | 452.483 | 453.070 |
| 16 – 19 | 452.482 | 452.483 | 453.070 |
| 20 – 21 | 452.453 | 452.454 | 453.027 (453.070) |
| 22 – 25 | 452.472 | 452.488 | 453.016 (453.070) |
| 26 – 27 | 452.475 | 452.492 | 453.026 (453.070) |
| 28 – 31 | 452.476 | 452.484 | 453.029 (453.070) |
| 32 – 34 | 452.477 | 452.485 | 453.030 (453.070) |
| 35 – 37 | 452.478 | 452.486 | 453.031 (453.070) |
| 38 – 40 | 452.479 | 452.487 | 453.032 (453.070) |
| 41 – 43 | 452.448 | 452.449 | 453.033 (453.070) |
| 44 – 46 | 452.441 | 452.456 | 453.034 (453.070) |
| 47 – 49 | 452.442 | 452.457 | 453.070 |
| 50 – 53 | 452.443 | 452.458 | 453.070 |
| 54 – 57 | 452.446 | 452.447 | 453.072 (453.070) |
| 58 – 61 | 452.444 | Stahlflach* | 453.072 (453.070) |
| 62 – 66 | 452.427 | Stahlflach* | 453.070 |
| 67 – 70 | 452.428 | Stahlflach* | 453.070 |

* Stahlflach
* Fer plat
* Flat steel

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





| | |
|----------------|--------------------------|
| 452.474 | LA = 12 mm LS = 25 mm |
| 452.430 | LA = 14 mm LS = 25 mm |
| 452.481 | LA = 17 mm LS = 25 mm |
| 452.482 | LA = 20 mm LS = 30 mm |
| 452.431 | LA = 20 mm LS = 25 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 |

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

VE = 50 Stück

Einsatz:
Artikel in Abhängigkeit der Füllelementdicke (siehe Seite 54-10)

| | |
|----------------|--------------------------|
| 452.474 | LA = 12 mm LS = 25 mm |
| 452.430 | LA = 14 mm LS = 25 mm |
| 452.481 | LA = 17 mm LS = 25 mm |
| 452.482 | LA = 20 mm LS = 30 mm |
| 452.431 | LA = 20 mm LS = 25 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 |

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 54-10)

| | |
|----------------|--------------------------|
| 452.474 | LA = 12 mm LS = 25 mm |
| 452.430 | LA = 14 mm LS = 25 mm |
| 452.481 | LA = 17 mm LS = 25 mm |
| 452.482 | LA = 20 mm LS = 30 mm |
| 452.431 | LA = 20 mm LS = 25 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 |

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 54-10)



| | |
|----------------|-----------|
| 452.491 | L = 12 mm |
| 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 |

Glasauflage

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

VE = 20 Stück

Einsatz:

Artikel in Abhängigkeit der Füllelementdicke (siehe Seite 54-10)

| | |
|----------------|-----------|
| 452.491 | L = 12 mm |
| 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 |

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 54-10)

| | |
|----------------|-----------|
| 452.491 | L = 12 mm |
| 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 |

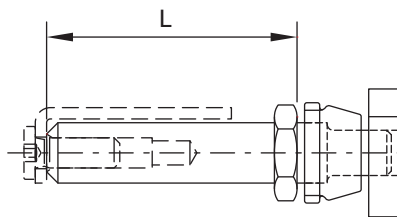
Glazing support

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 54-10)





451.025 6 x 17 mm
451.026 8 x 17 mm

Keramikfaserband
selbstklebend, weiss

VE = 3 Rollen à 10 m

451.025 6 x 17 mm
451.026 8 x 17 mm

Bande de fibre de céramique
auto-collante, blanc

UV = 3 rouleaux à 10 m

451.025 6 x 17 mm
451.026 8 x 17 mm

Ceramic fibre strips
self-adhesive, white

PU = 3 rolls, 10 m each



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

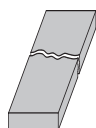
UV = 1 rouleau à 25 m

Utilisation:
Dans la feuillure à verre pour
les vitrages EI90

451.080
Fire protection laminate
auto-adhésive, 14,4 x 1,8 mm

PU = 1 roll, 25 m each

Application:
In glazing rebate area for
EI90 glazing



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



| | |
|----------------|-----------|
| 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 54-10)

| | |
|----------------|-----------|
| 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

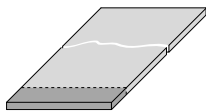
Utilisation:
Article en fonction de l'épaisseur
de l'élément de remplissage
(voir page 54-10)

| | |
|----------------|-----------|
| 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 54-10)



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 54-10)

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 54-10)

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

PU = 1 piece, 1000 mm each

Application:
Article depending on thickness
of infill panels
(see page 54-10)

| | |
|----------------|-------------------------------|
| 536.007 | VISS G30 DIBt Z-19.14-1214 |
| 536.008 | VISS G60 DIBt Z-19.14-1216 |
| 536.020 | VISS G90 DIBt Z-19.14-1563 |

Kennzeichen-Schild DE
inkl. Übereinstimmungs-
bestätigung

VE = 1 Stück

| | |
|----------------|-------------------------------|
| 536.007 | VISS G30 DIBt Z-19.14-1214 |
| 536.008 | VISS G60 DIBt Z-19.14-1216 |
| 536.020 | VISS G90 DIBt Z-19.14-1563 |

Plaque signalétique DE
avec confirmation de
compatibilité

UV = 1 pièce

| | |
|----------------|------------------------------------|
| 536.007 | VISS G30 DIBt Z-19.14-1214 |
| 536.008 | VISS G60 DIBt Z-19.14-1216 |
| 536.020 | VISS Fire G90 DIBt Z-19.14-1563 |

Identification plate DE
including declaration of
conformity

PU = 1 piece

System-Hinweise
Remarques concernant les systèmes
System instructions

VISS Fire DV
VISS Fire DV
VISS Fire DV

| System-Hinweise | Remarques concernant les systèmes | System instructions | |
|---|---|---|-----------|
| U _f -Werte nach EN 10077-2 | Valeurs U _f selon EN 10077-2 | U _f values according to EN 10077-2 | 16 |
| Schnittpunkte E30 / E60 / E90 | Coupe de détails E30 / E60 / E90 | Section details E30 / E60 / E90 | 18 |
| Konstruktions-Details E30 / E60 / E90 | Détails de construction E30 / E60 / E90 | Constructions details E30 / E60 / E90 | 34 |
| Anschlüsse am Bau E30 / E60 / E90 | Raccordement au mur E30 / E60 / E90 | Attachment to structure E30 / E60 / E90 | 34 |
| Schnittpunkte EI30 / EI60 / EI90 | Coupe de détails EI30 / EI60 / EI90 | Section details EI30 / EI60 / EI90 | 24 |
| Konstruktions-Details EI30 / EI60 / EI90 | Détails de construction EI30 / EI60 / EI90 | Constructions details EI30 / EI60 / EI90 | 34 |
| Anschlüsse am Bau EI30 / EI60 / EI90 | Raccordement au mur EI30 / EI60 / EI90 | Attachment to structure EI30 / EI60 / EI90 | 34 |
| Schnittpunkte VISS Fire DVS | Coupe de détails VISS Fire DVS | Section details VISS Fire DVS | 36 |
| Konstruktions-Details VISS Fire DVS | Détails de construction VISS Fire DVS | Constructions details VISS Fire DVS | 40 |
| Anschlüsse am Bau VISS Fire DVS | Raccordement au mur VISS Fire DVS | Attachment to structure VISS Fire DVS | 40 |
| Verarbeitungs-Hinweise | Indications d'usinage | Assembly instructions | 41 |

System-Hinweise

Remarques concernant les systèmes

System instructions

VISS Fire DV

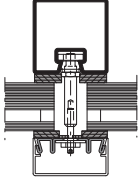
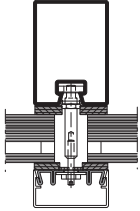
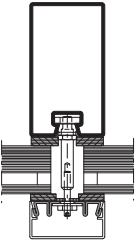
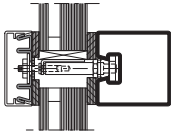
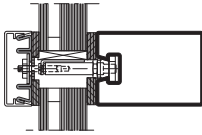
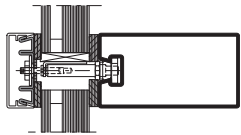
VISS Fire DV

VISS Fire DV

**U_f-Werte nach EN 10077-2
VISS Fire TV**

**Valeurs U_f selon EN 10077-2
VISS Fire TV**

**U_f values according to 10077-2
VISS Fire TV**

| 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 | 2,0 W/m ² K | 2,2 W/m ² K | 2,2 W/m ² K | 2,0 W/m ² K | 2,2 W/m ² K | 2,2 W/m ² K |
| 15 mm | 2,0 W/m ² K | 2,0 W/m ² K | 2,1 W/m ² K | 2,0 W/m ² K | 2,0 W/m ² K | 2,1 W/m ² K |
| 20 mm | 1,9 W/m ² K | 1,9 W/m ² K | 1,9 W/m ² K | 1,9 W/m ² K | 1,9 W/m ² K | 1,9 W/m ² K |
| 25 mm | 1,8 W/m ² K | 1,8 W/m ² K | 1,8 W/m ² K | 1,8 W/m ² K | 1,8 W/m ² K | 1,8 W/m ² K |
| 30 mm | 1,7 W/m ² K | 1,7 W/m ² K | 1,7 W/m ² K | 1,7 W/m ² K | 1,7 W/m ² K | 1,7 W/m ² K |
| 35 mm | 1,6 W/m ² K | 1,6 W/m ² K | 1,6 W/m ² K | 1,6 W/m ² K | 1,6 W/m ² K | 1,6 W/m ² K |
| 40 mm | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K |
| 45 mm | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K | 1,5 W/m ² K |
| 50 mm | 1,5 W/m ² K | 1,4 W/m ² K | 1,4 W/m ² K | 1,5 W/m ² K | 1,4 W/m ² K | 1,4 W/m ² K |
| 55 mm | 1,4 W/m ² K | 1,4 W/m ² K | 1,3 W/m ² K | 1,4 W/m ² K | 1,4 W/m ² K | 1,3 W/m ² K |
| 70 mm | 1,4 W/m ² K | 1,4 W/m ² K | 1,3 W/m ² K | 1,4 W/m ² K | 1,4 W/m ² K | 1,3 W/m ² K |

Der Einfluss der Schraubenbefestigung in Höhe von 0.3 W/m²K ist berücksichtigt.

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

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

Einbau mit Anpressprofil aus feuerverzinktem Bandstahl

Montage avec profilé de fixation en bandes d'acier zinguées aus feu

Installation with clamping section made from hot-dip galvanised strip



VISS Fire DV
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 DV
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 DV
Fire protection glazing
Class E

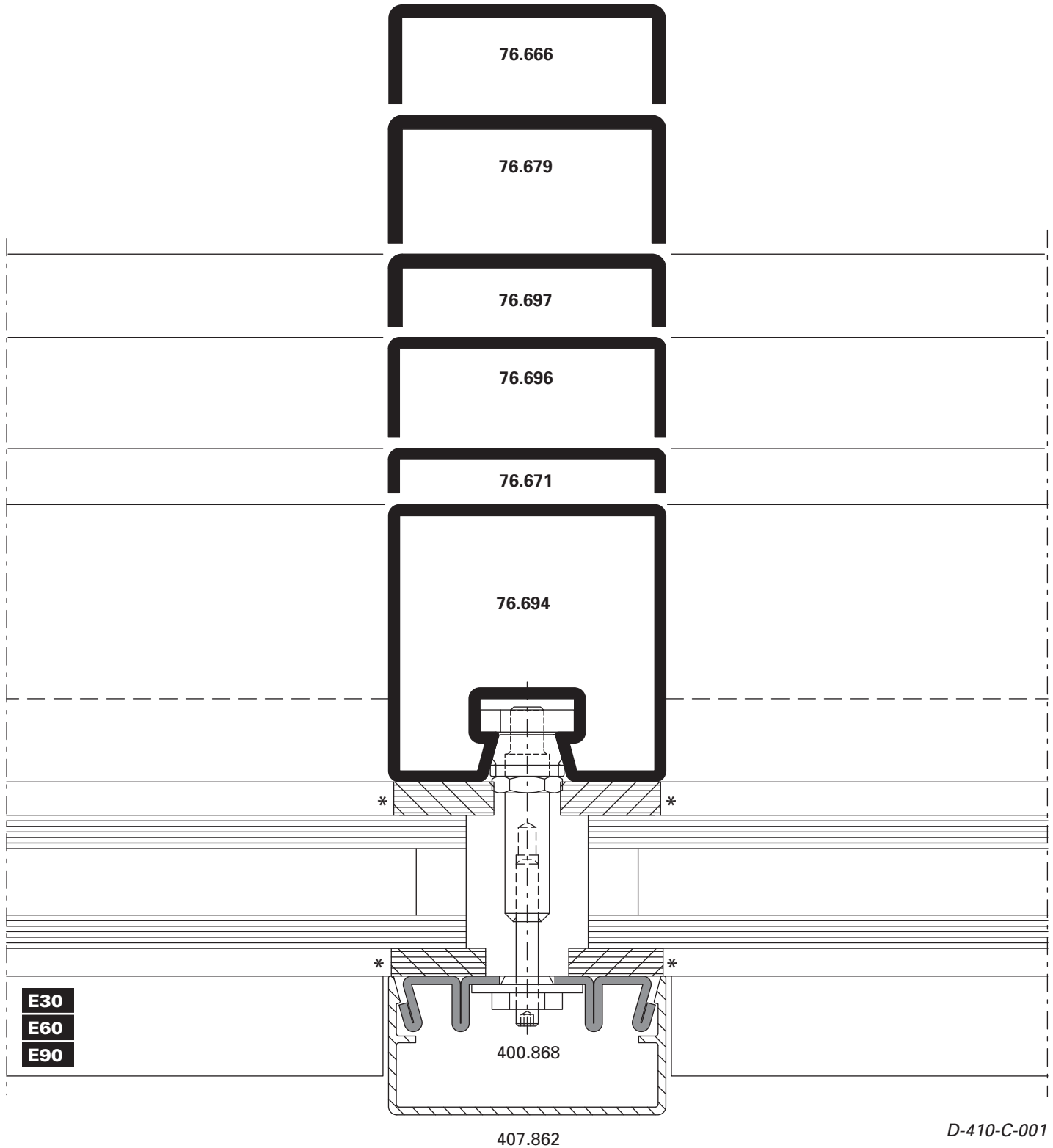
Note:

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

Pfosten-Detail

Détail du montant

Detail of mullion



E30
 E60
 E90

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

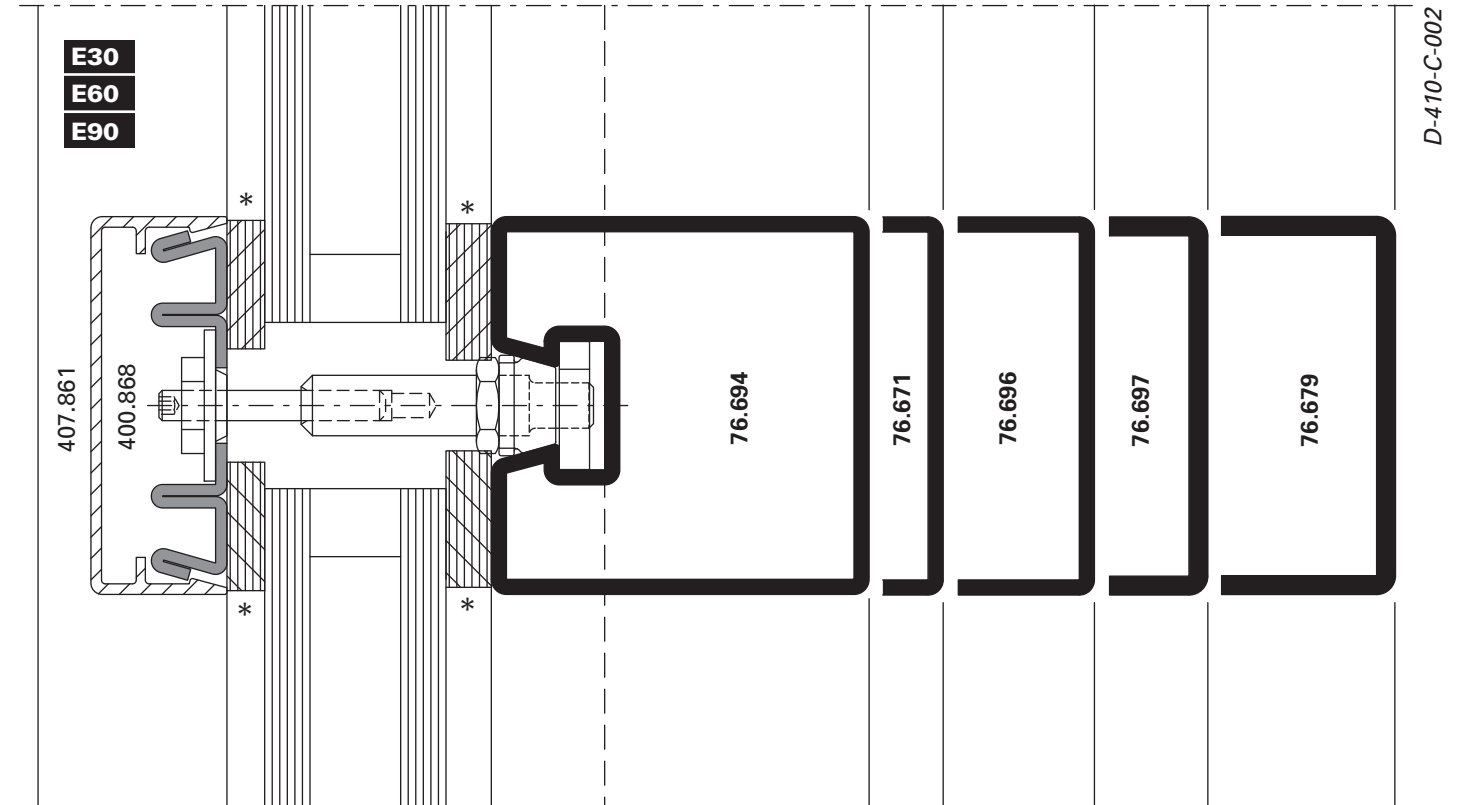
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

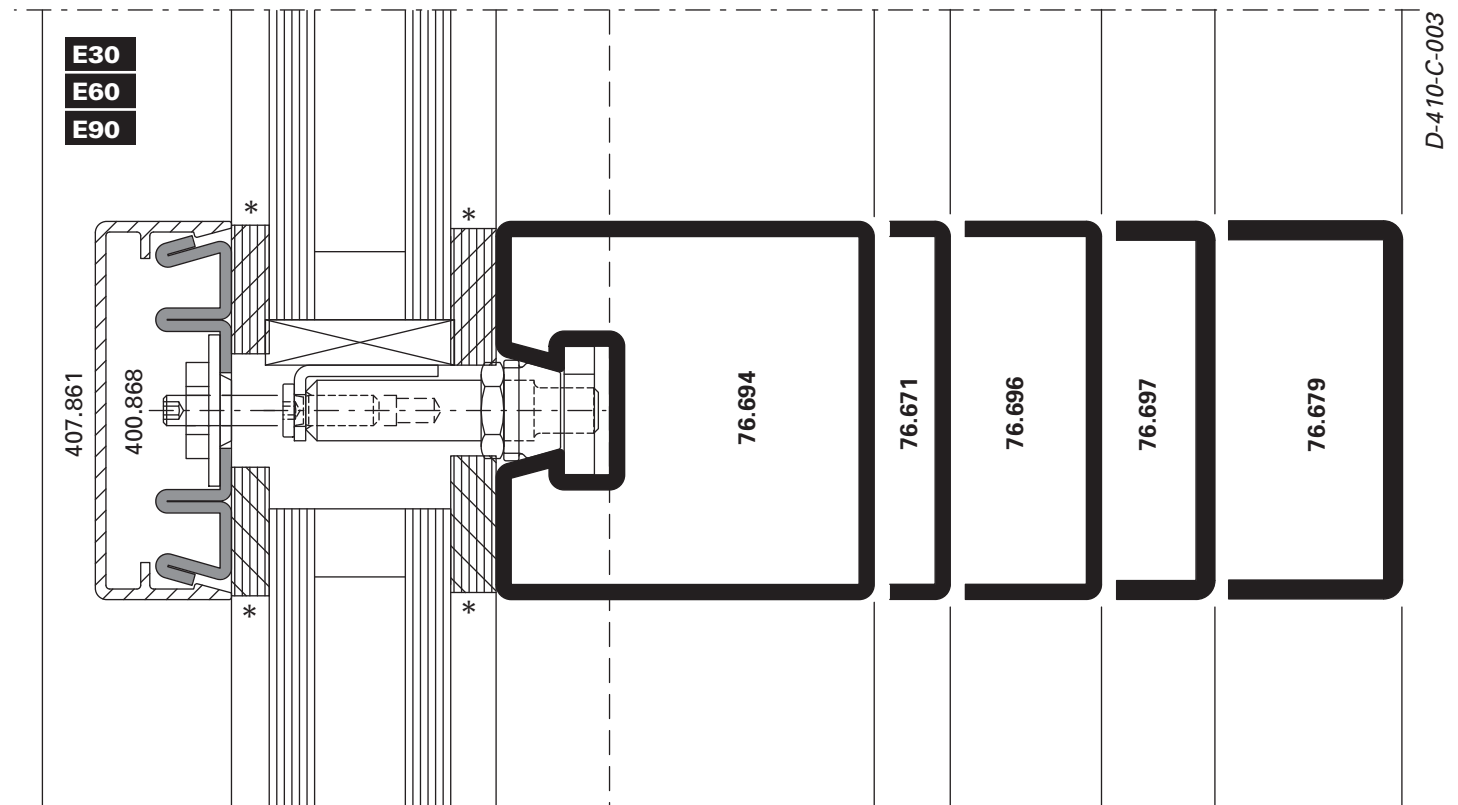
Riegel-Detail

Détail de la traverse

Detail of transom



D-410-C-002

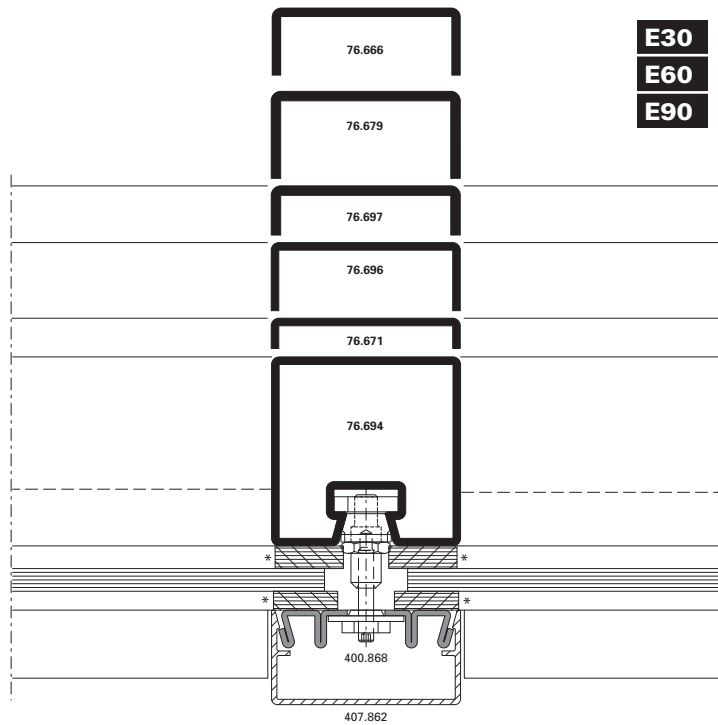


D-410-C-003

Pfosten-Detail

Détail du montant

Detail of mullion

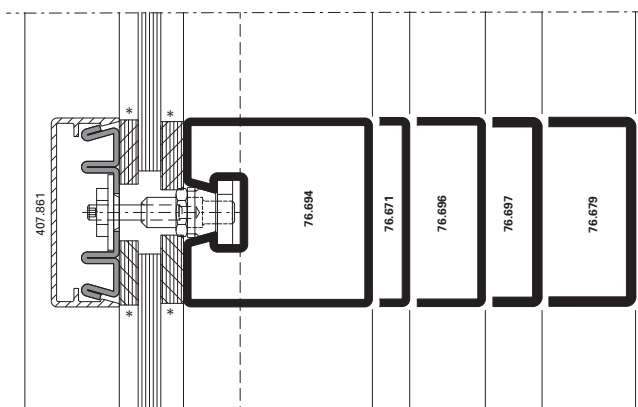


D-410-C-004

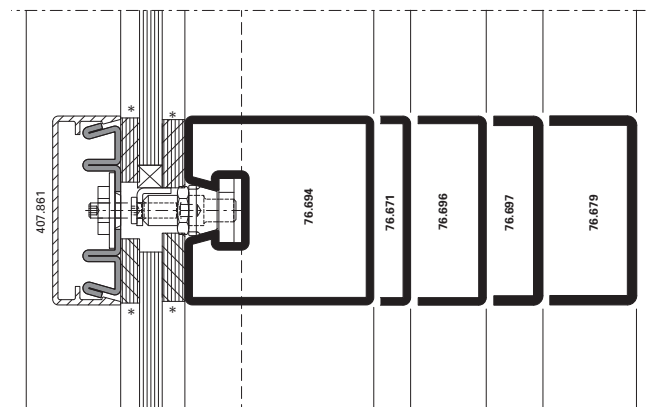
Riegel-Detail

Détail de la traverse

Detail of transom



D-410-C-005



D-410-C-006

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

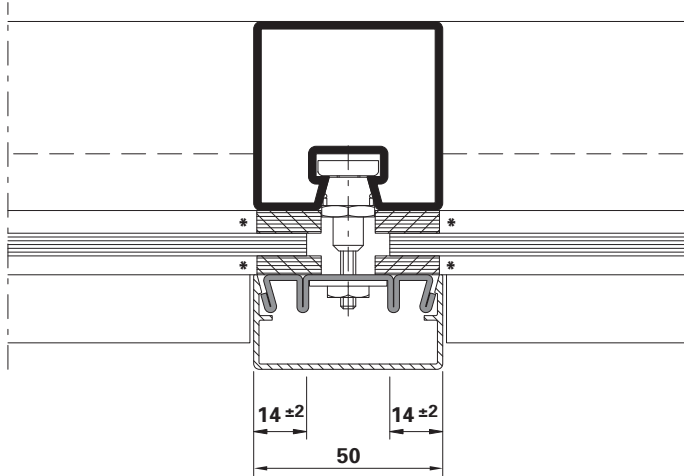
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

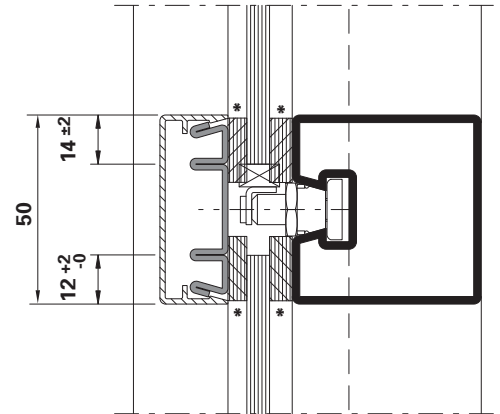
Glaseinstand

Prise en feuillure

Glass edge cover



E30
E60
E90



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.

* wahlweise Silikon-Abdichtung
(DIN 4102-B1)

* Au choix étanchéité silicone
(DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Ausgeführte Objekte
Objets réalisés
Completed projects

VISS Fire DV
VISS Fire DV
VISS Fire DV

Gare de Lyon, Station RER, Paris/F (Architekt: Dép. des Infrastructures et des Aménagements, Paris/F)





VISS Fire DV
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 DV
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 DV
Fire protection glazing
Class EI

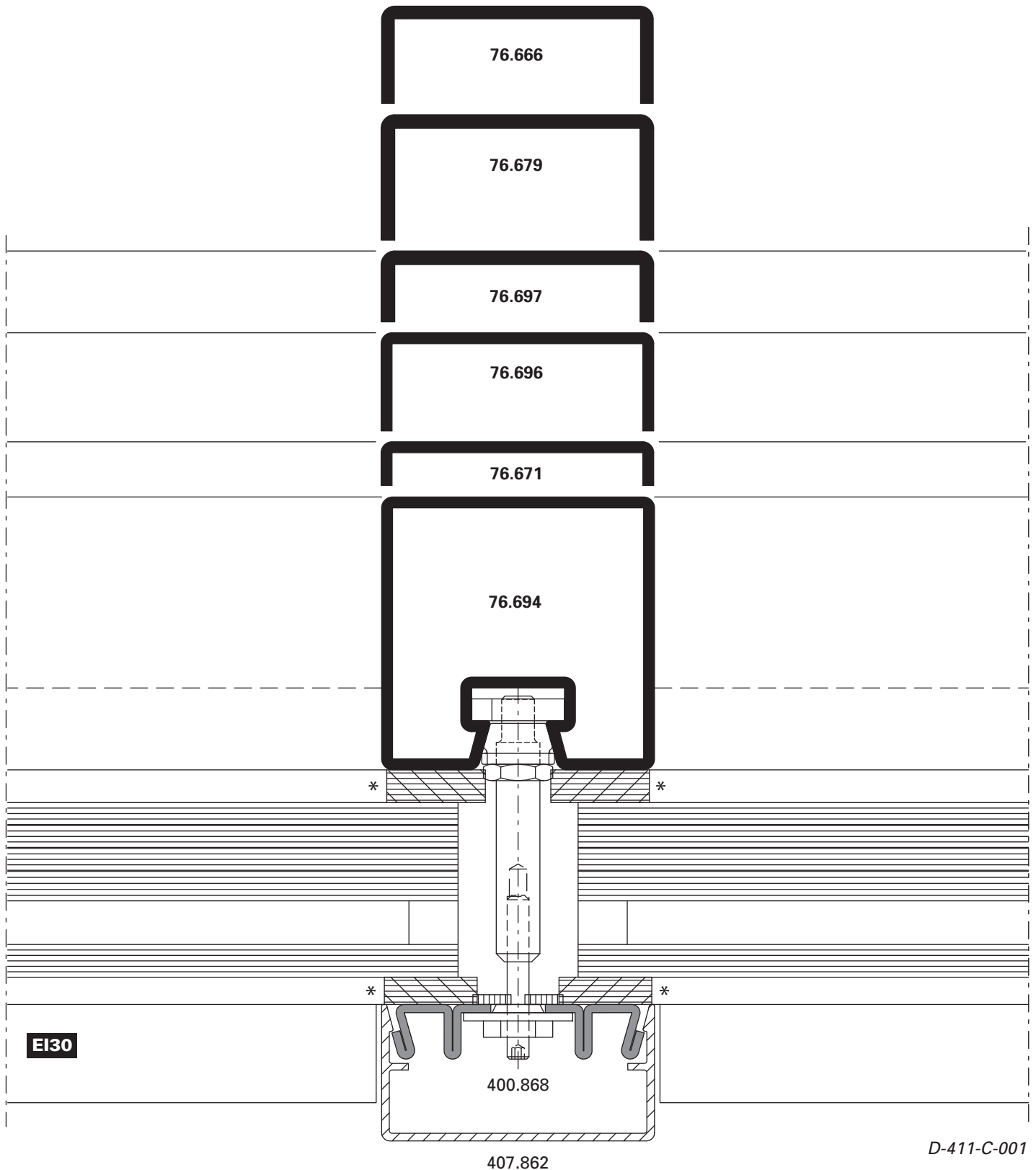
Note:

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

Pfosten-Detail

Détail du montant

Detail of mullion



* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

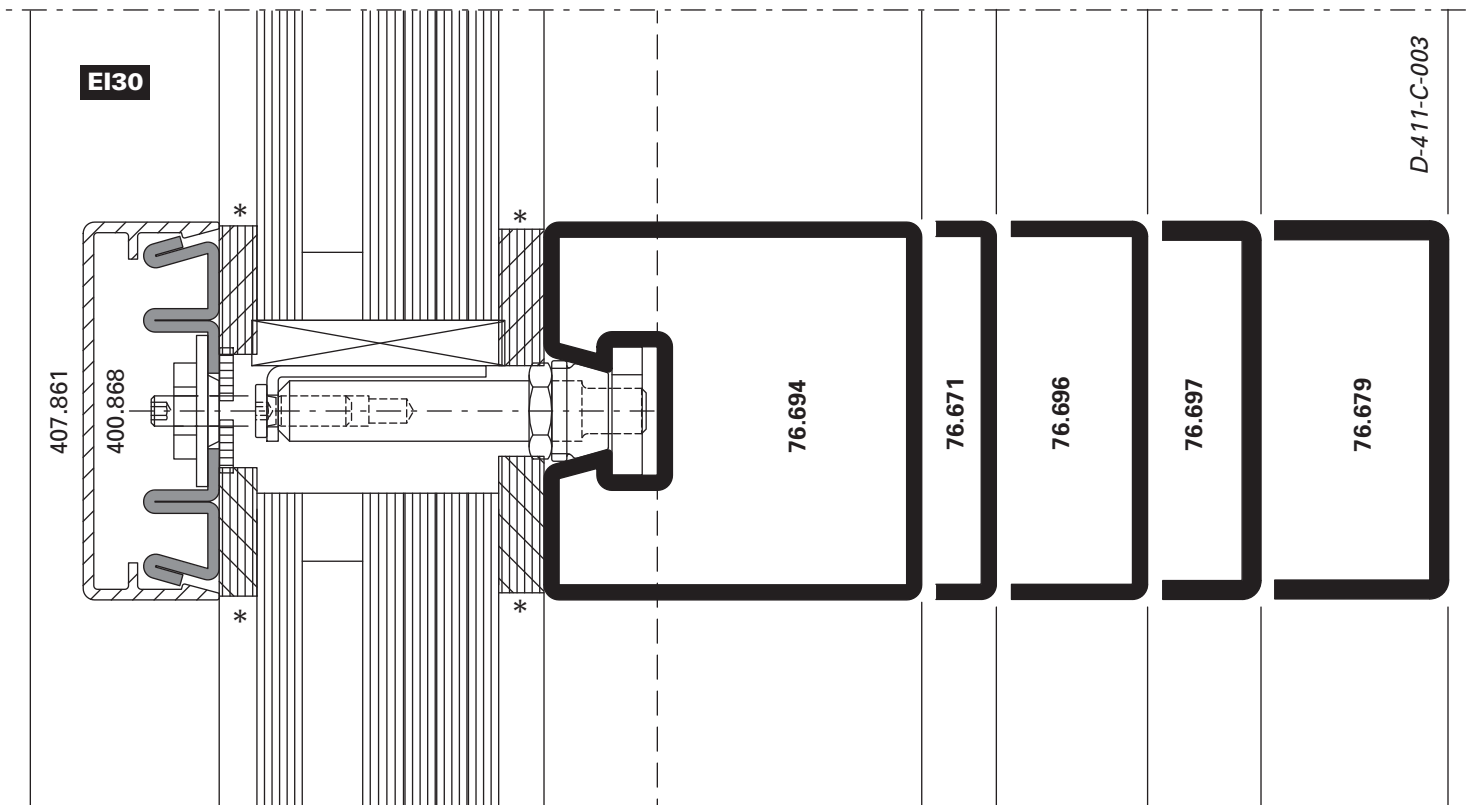
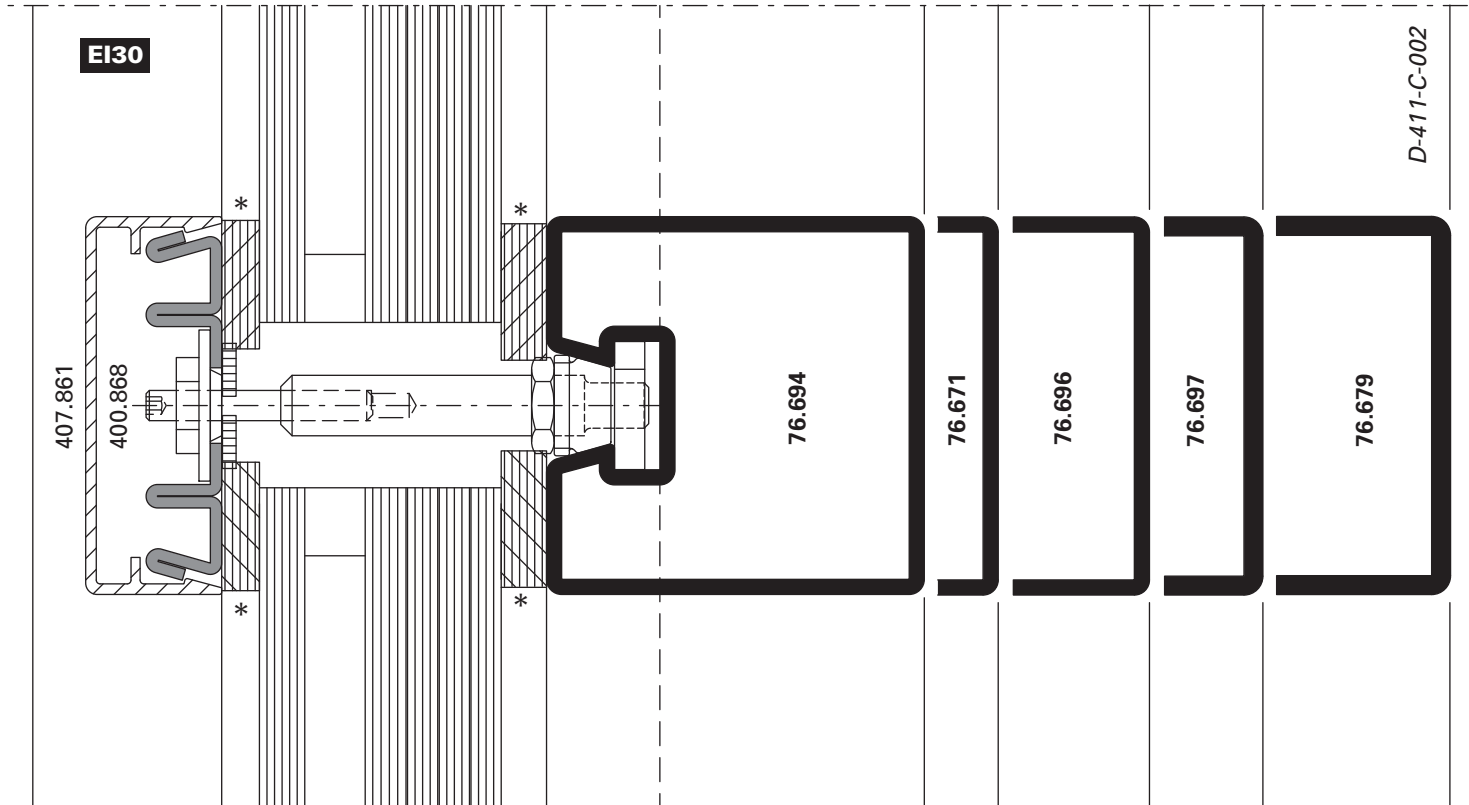
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Riegel-Detail

Détail de la traverse

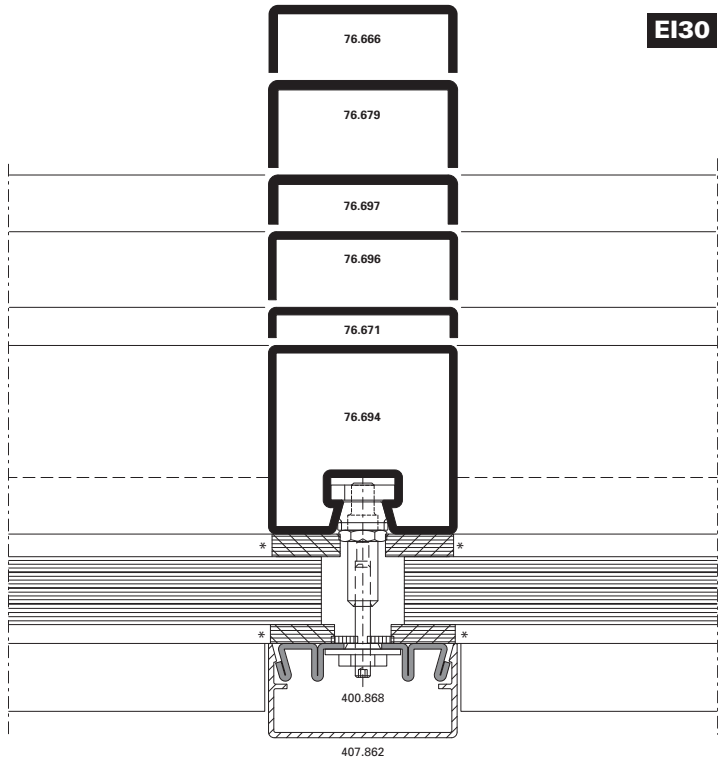
Detail of transom



Pfosten-Detail

Détail du montant

Detail of mullion

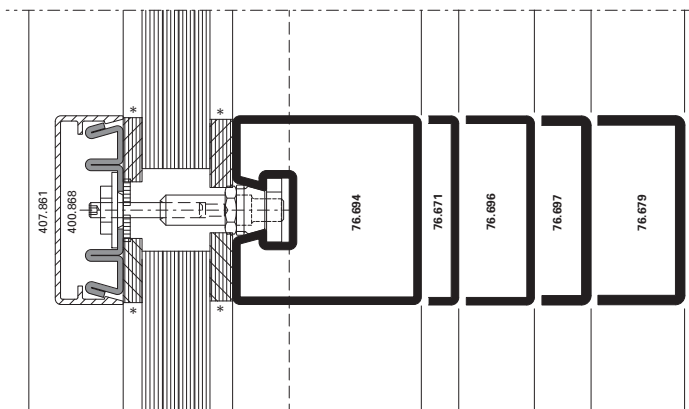


D-411-C-010

Riegel-Detail

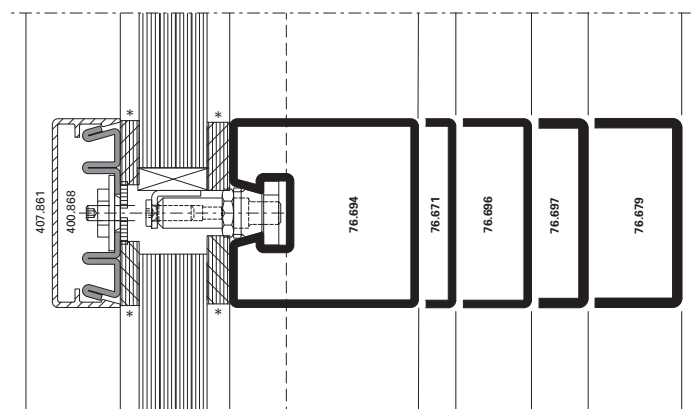
Détail de la traverse

Detail of transom



EI30

D-411-C-011



EI30

D-411-C-012

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

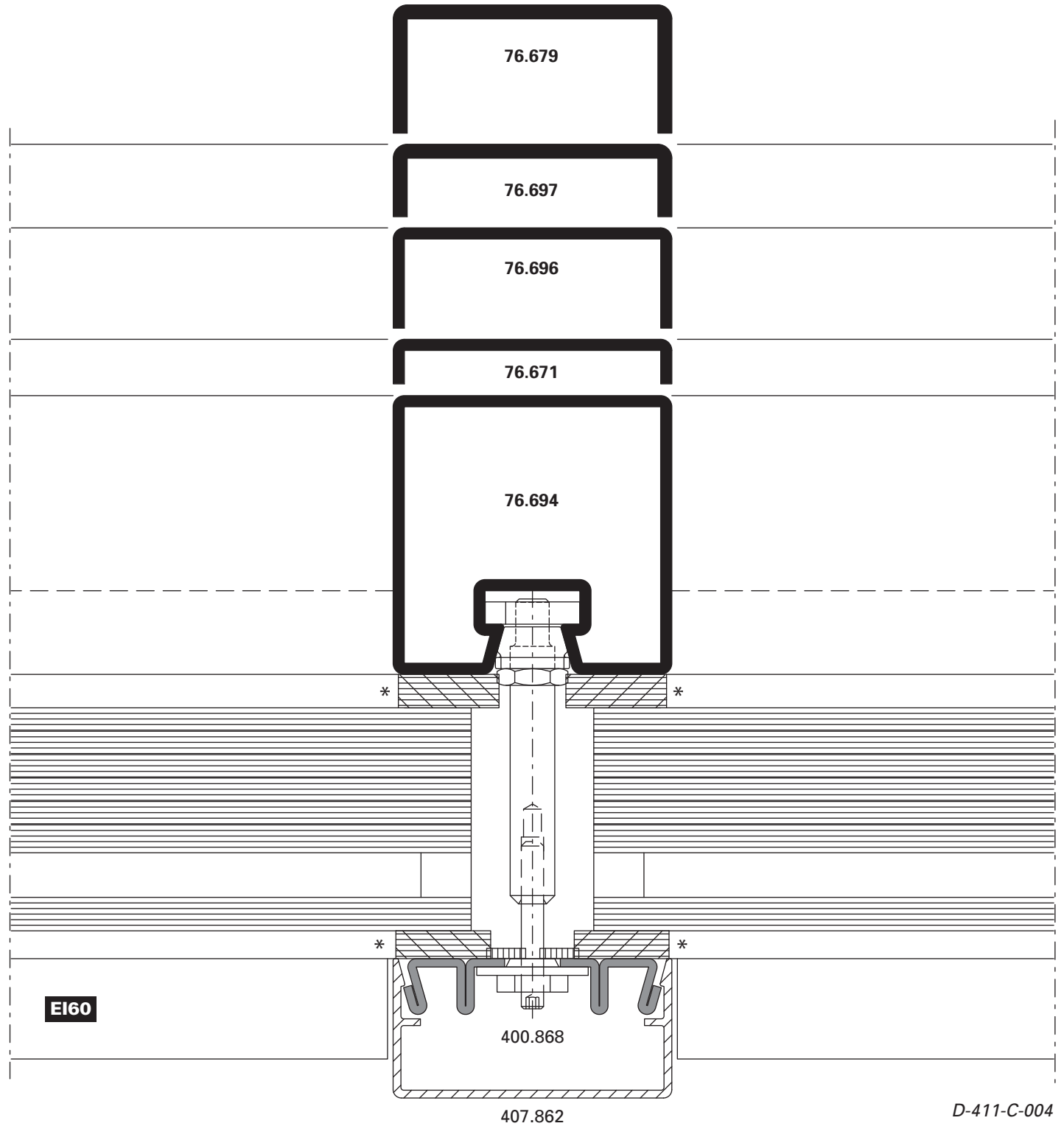
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Pfosten-Detail

Détail du montant

Detail of mullion



* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

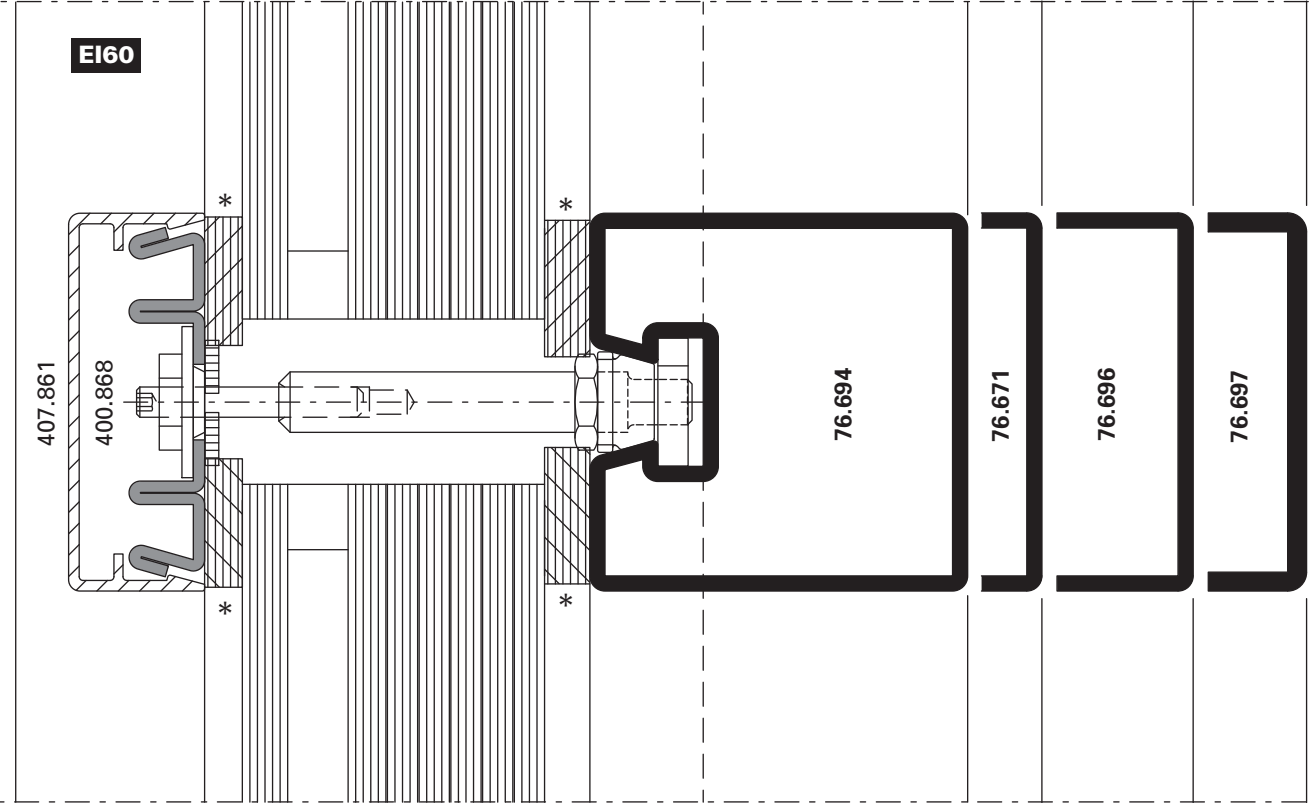
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

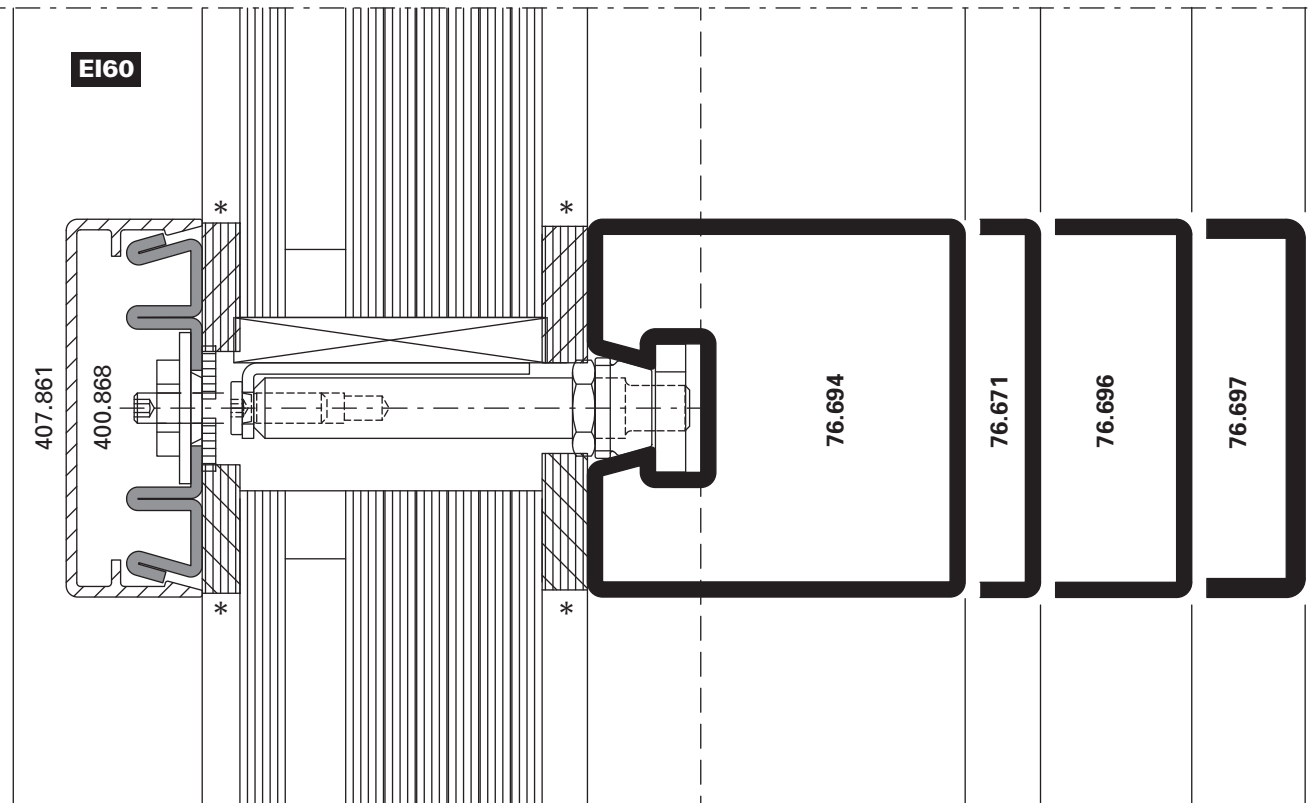
Riegel-Detail

Détail de la traverse

Detail of transom



D-411-C-005

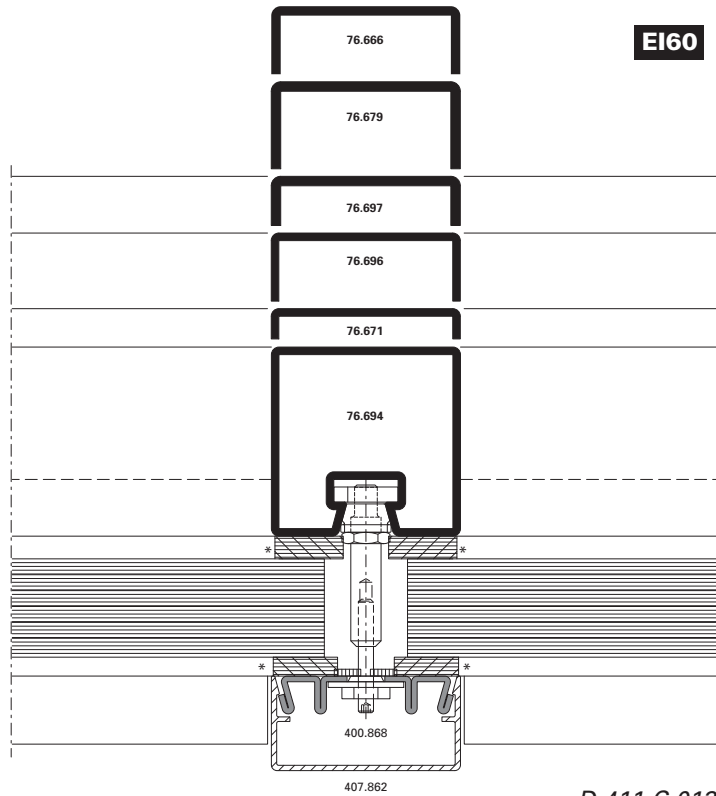


D-411-C-006

Pfosten-Detail

Détail du montant

Detail of mullion

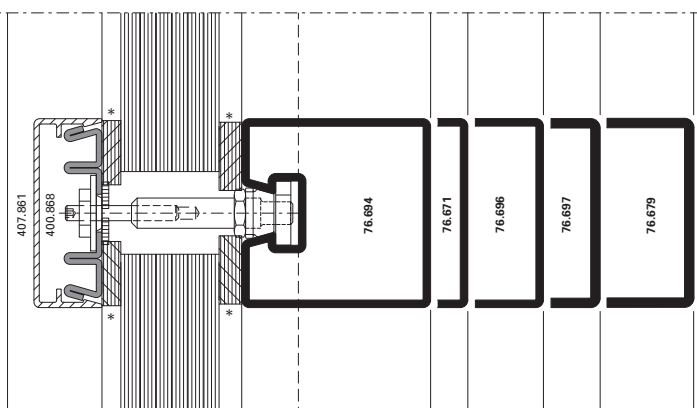


D-411-C-013

Riegel-Detail

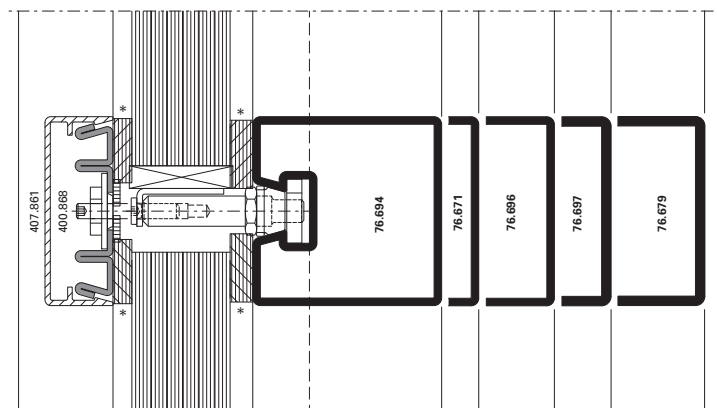
Détail de la traverse

Detail of transom



EI60

D-411-C-014



EI60

D-411-C-015

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

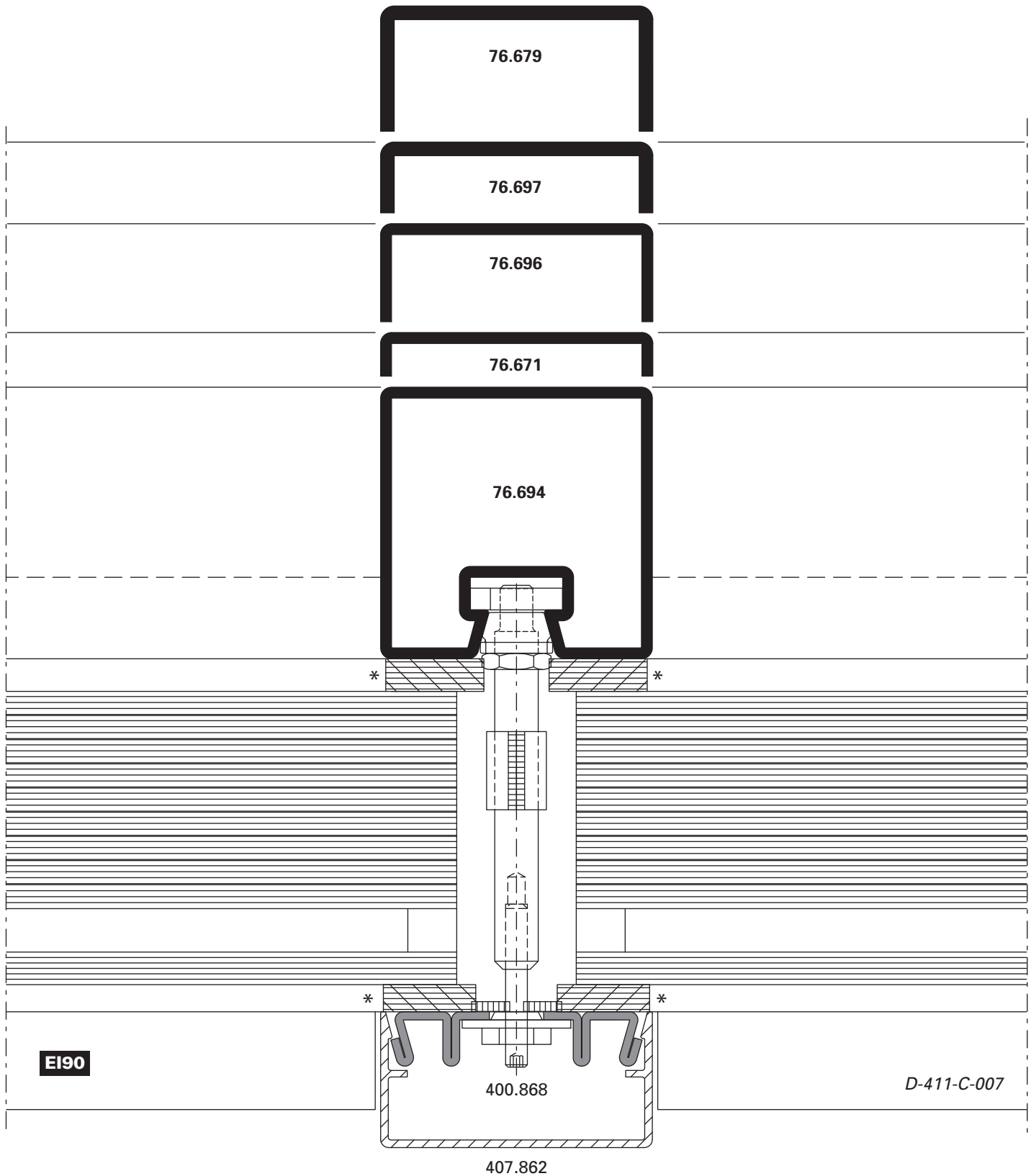
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Pfosten-Detail

Détail du montant

Detail of mullion



* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

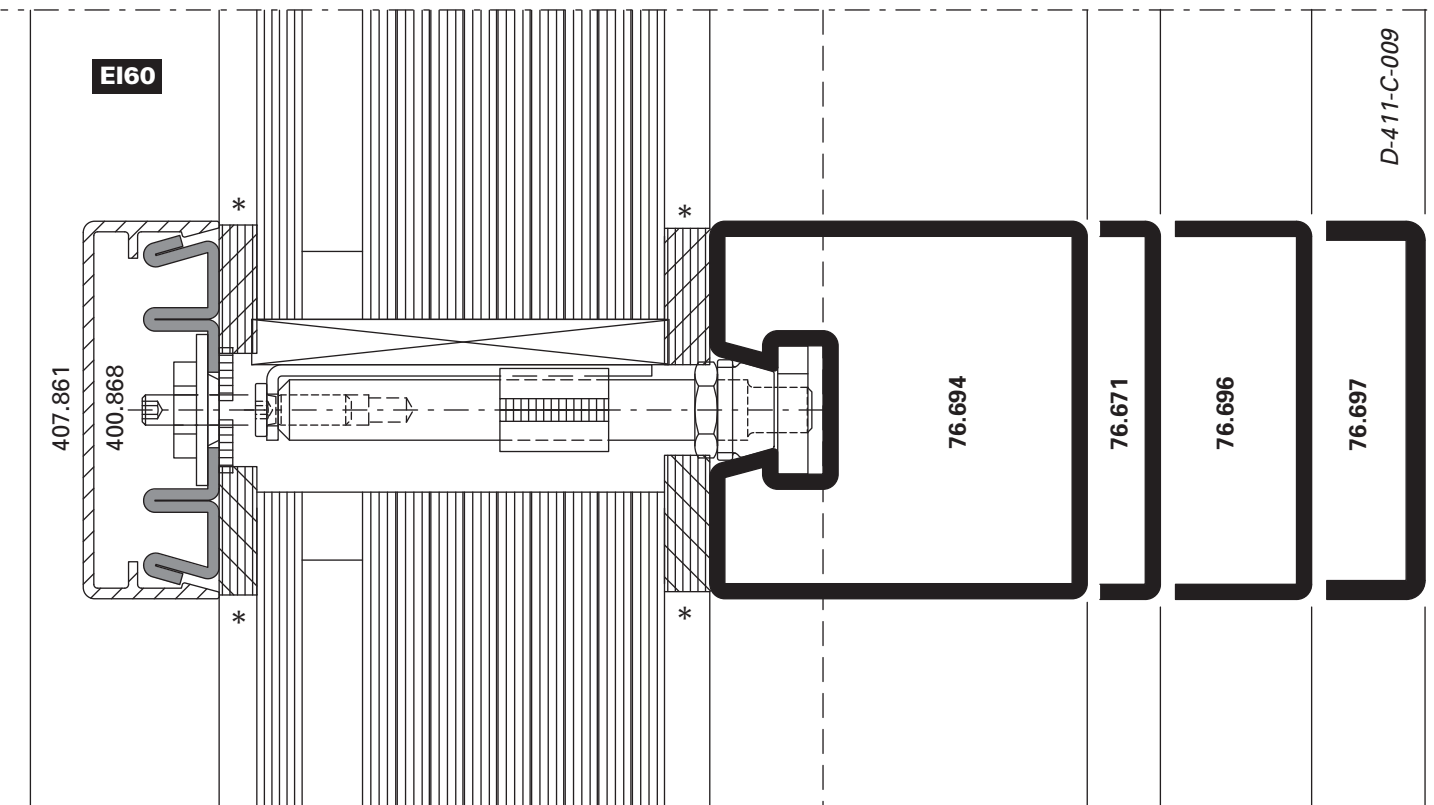
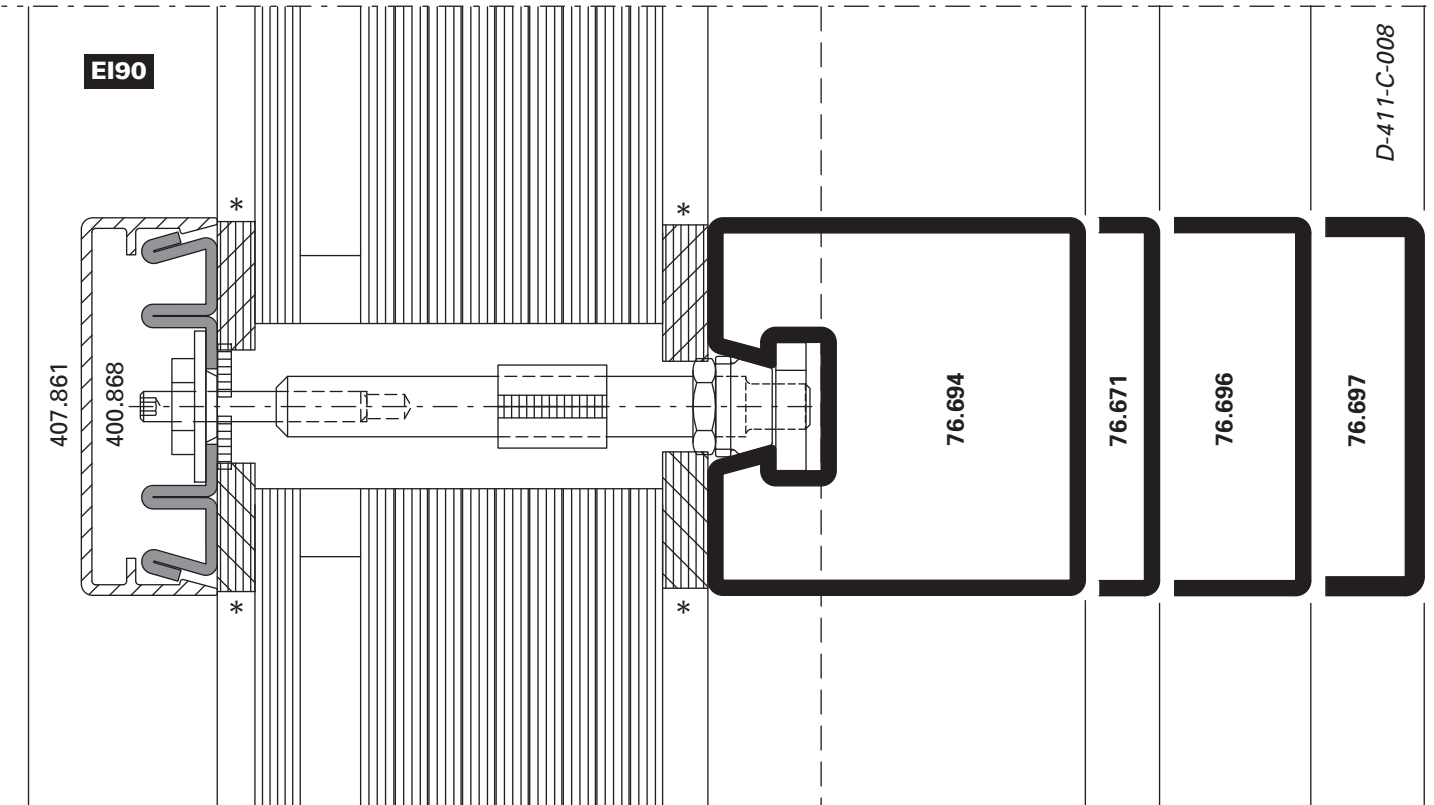
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Riegel-Detail

Détail de la traverse

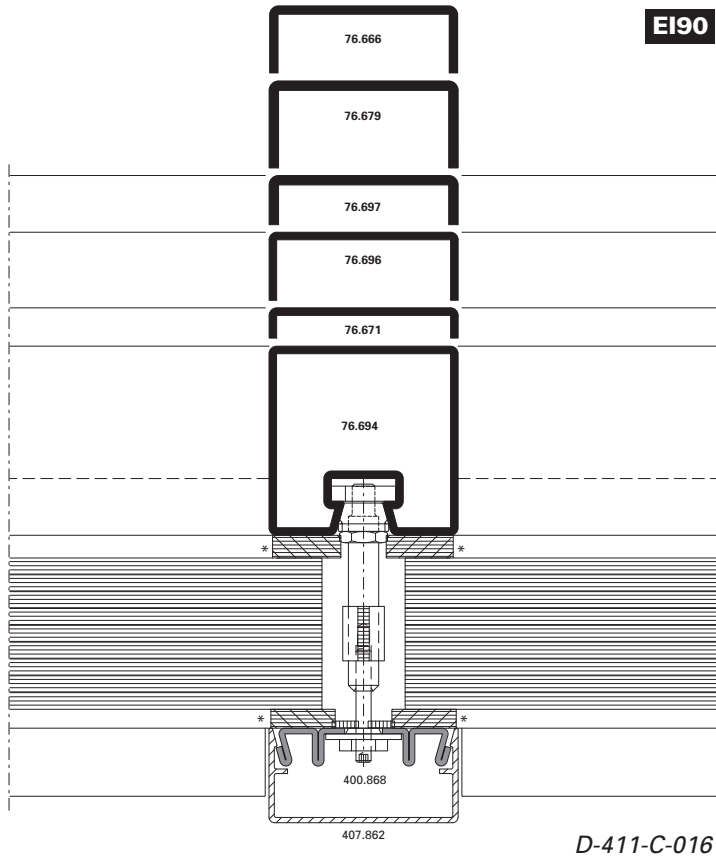
Detail of transom



Pfosten-Detail

Détail du montant

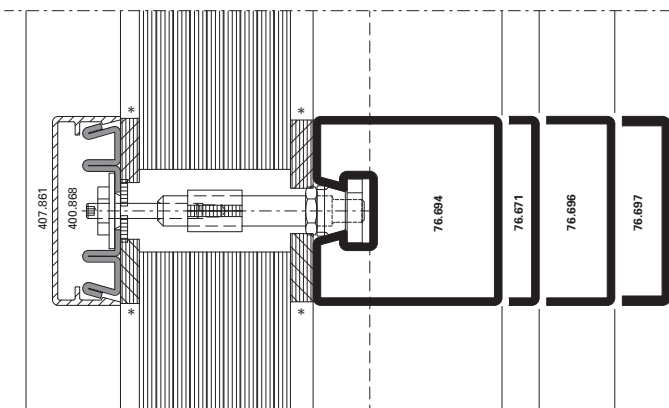
Detail of mullion



Riegel-Detail

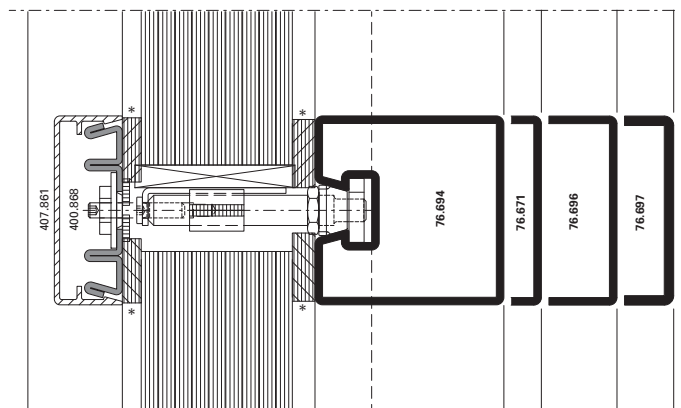
Détail de la traverse

Detail of transom



EI90

D-411-C-017



EI90

D-411-C-018

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

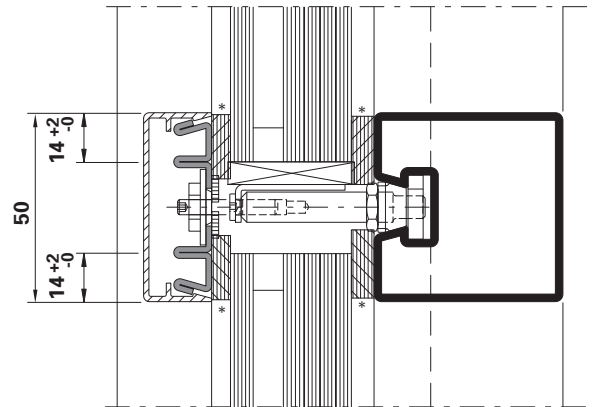
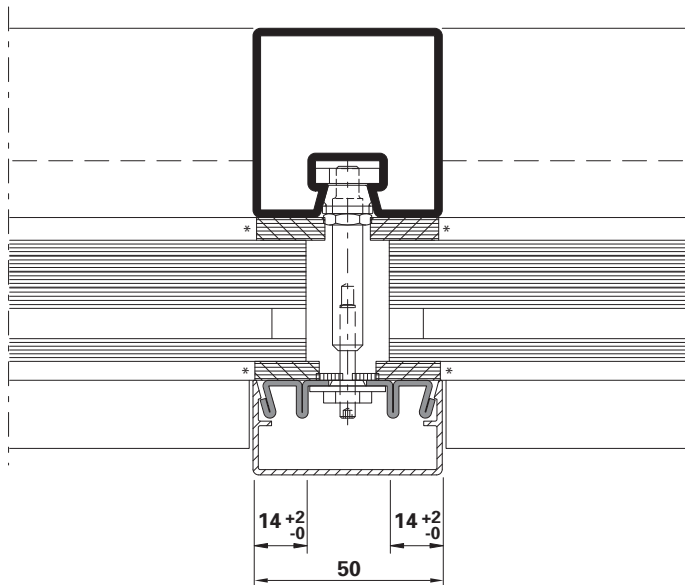
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Glaseinstand

Prise en feuillure

Glass edge cover



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.

* wahlweise Silikon-Abdichtung
(DIN 4102-B1)

* Au choix étanchéité silicone
(DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Konstruktions-Details

Die Konstruktions-Details für das System VISS Fire DV sind mit den Details der Systeme VISS Fire TV und VISS Fire TVS weitgehend identisch.

Aus diesem Grund können die Konstruktions-Details sinngemäss entsprechend den **Kapitel 51 / 52**

- **VISS Fire TV**
- **VISS Fire TVS (vertikal)**

konstruiert werden

Détails de construction

Les détails de construction du système VISS Fire DV sont en grande partie identiques à ceux des systèmes VISS Fire TV et VISS Fire TVS.

Les détails de construction peuvent pour cette raison être construits par analogie conformément aux **chapitres 51 / 52**

- **VISS Fire TV**
- **VISS Fire TVS (vertical)**

Construction details

The construction details for the VISS Fire DV system are for the most part identical to the details of the VISS Fire TV and VISS Fire TVS systems.

For this reason, the construction details can be designed analagous to **chapters 51 / 52**

- **VISS Fire TV**
- **VISS Fire TVS (vertical)**

Anschlüsse am Bau

Die Bauanschlüsse für das System VISS Fire DV sind mit den Details der Systeme VISS Fire TV und VISS Fire TVS weitgehend identisch.

Aus diesem Grund können die Bauanschluss-Details sinngemäss entsprechend **Kapitel 51 / 52**

- **VISS Fire TV**
- **VISS Fire TVS (vertikal)**

konstruiert werden

Raccordements au mur

Les raccordements au mur du système VISS Fire DV sont en grande partie identiques à ceux des systèmes VISS Fire TV et VISS Fire TVS.

Les raccordements au mur peuvent pour cette raison être construits par analogie conformément aux **chapitres 51 / 52**

- **VISS Fire TV**
- **VISS Fire TVS (vertical)**

Attachment to structure

The attachment to structure for the VISS Fire DV system are for the most part identical to the details of the VISS Fire TV and VISS Fire TVS systems.

For this reason, the attachment to structure details can be designed analagous to **chapters 51 / 52**

- **VISS Fire TV**
- **VISS Fire TVS (vertical)**



VISS Fire DVS
Brandschutzverglasung
Klasse E30 / EI30

Hinweis:

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



VISS Fire DVS
Vitrage coupe feu
Classe E30 / EI30

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 DVS
Fire protection glazing
Class E30 / EI30

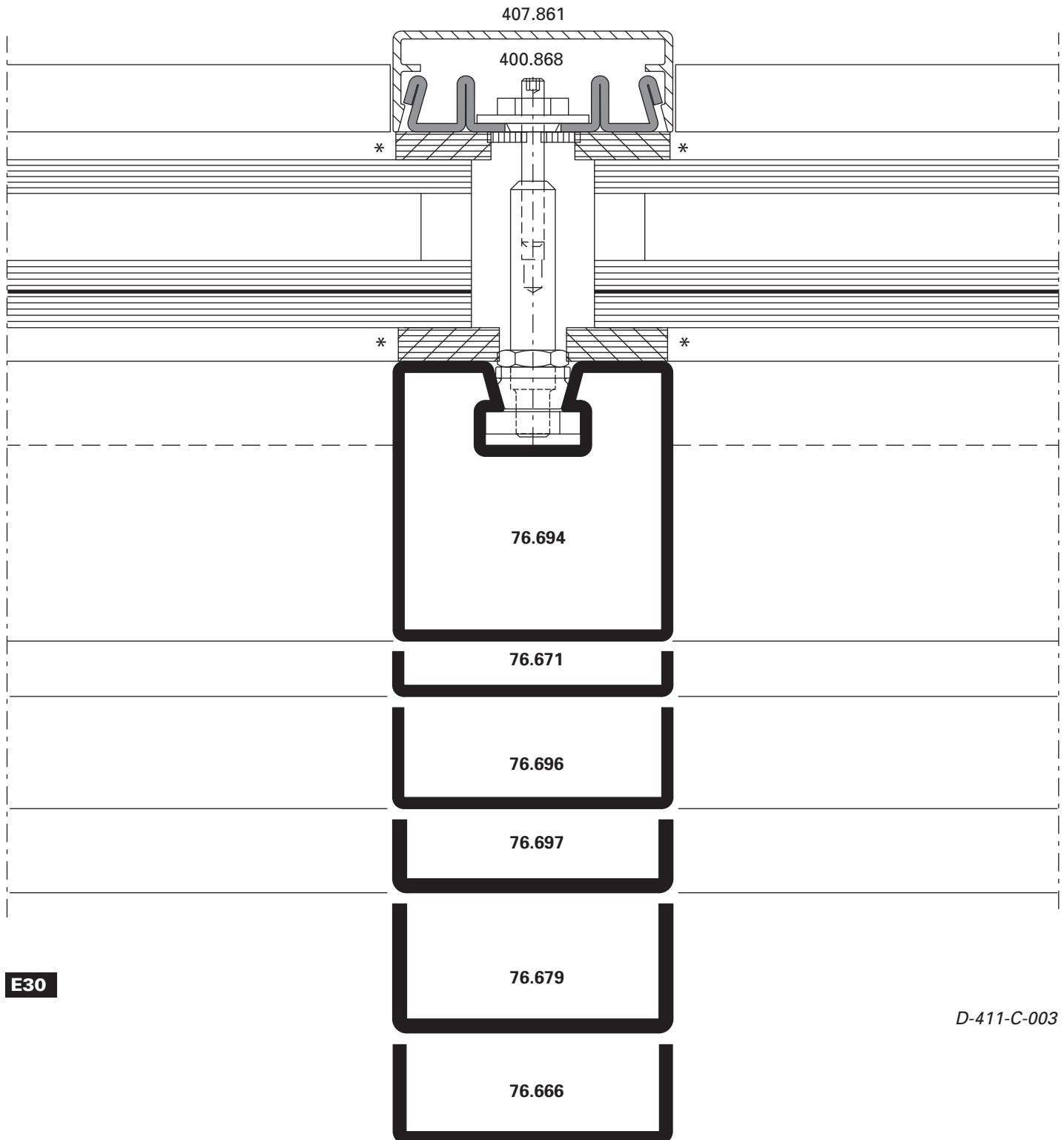
Note:

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

Sparren-Detail

Détail du chevron

Detail of rafter



E30

D-411-C-003

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

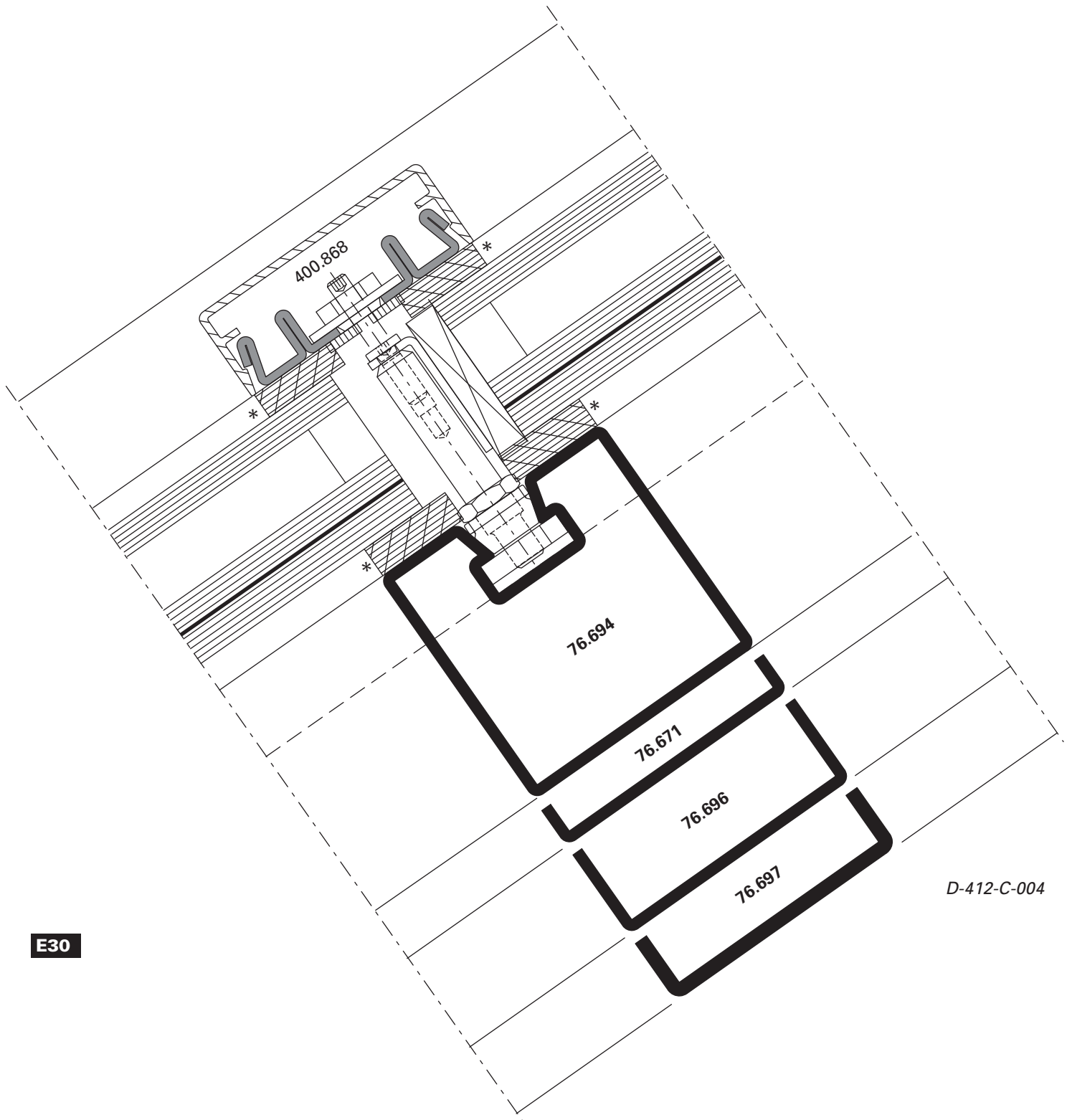
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Riegel-Detail

Détail de la traverse

Detail of transom



D-412-C-004

E30

* wahlweise Silikon-Abdichtung
(DIN 4102-B1)

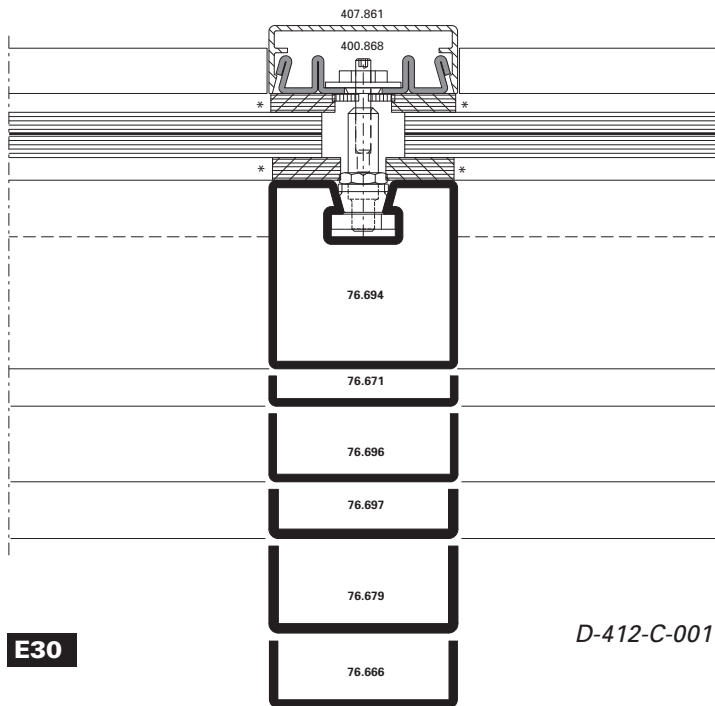
* Au choix étanchéité silicone
(DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Sparren-Detail

Détail du chevron

Detail of rafter



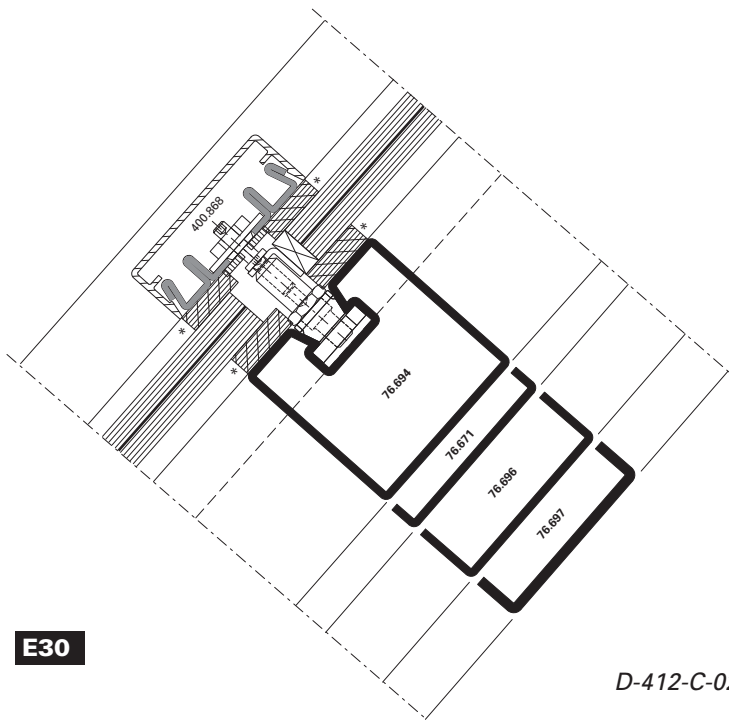
E30

D-412-C-001

Riegel-Detail

Détail de la traverse

Detail of transom



E30

D-412-C-02

* wahlweise Silikon-Abdichtung
 (DIN 4102-B1)

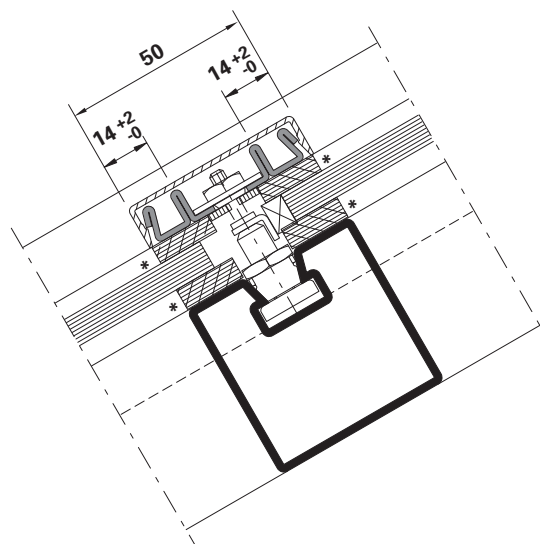
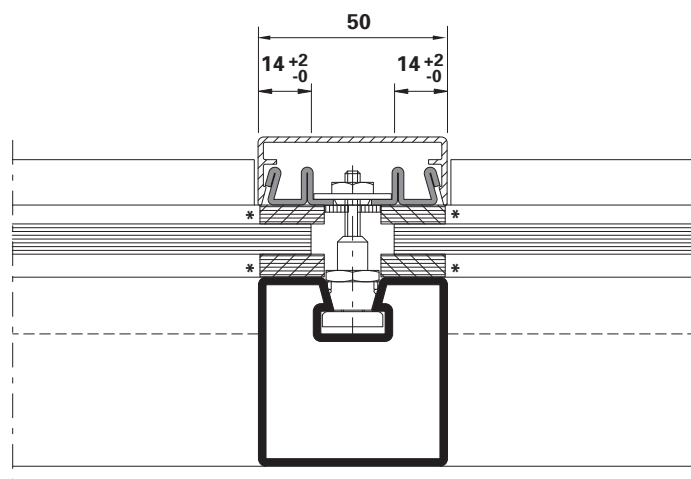
* Au choix étanchéité silicone
 (DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Glaseinstand

Prise en feuillure

Glass edge cover



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.

* wahlweise Silikon-Abdichtung
(DIN 4102-B1)

* Au choix étanchéité silicone
(DIN 4102-B1)

* Optional silicone seal (DIN 4102-B1)

Konstruktions-Details

Die Konstruktions-Details für das System VISS Fire DVS sind mit den Details des Systems VISS Fire TVS (schräg) weitgehend identisch.

Aus diesem Grund können die Konstruktions-Details sinngemäss entsprechend den **Kapitel 53**

– VISS Fire TVS (schräg)

konstruiert werden

Détails de construction

Les détails de construction du système VISS Fire DVS sont en grande partie identiques à ceux de système VISS Fire TVS (oblique).

Les détails de construction peuvent pour cette raison être construits par analogie conformément au **chapitre 53**

– VISS Fire TVS (oblique)

Construction details

The construction details for the VISS Fire DVS system are for the most part identical to the details of the VISS Fire TVS (sloping) system.

For this reason, the construction details can be designed analagous to **chapter 53**

– VISS Fire TVS (sloping)

Anschlüsse am Bau

Die Bauanschlüsse für das System VISS Fire DVS sind mit den Details des Systems VISS Fire TVS (schräg) weitgehend identisch.

Aus diesem Grund können die Bauanschluss-Details sinngemäss entsprechend **Kapitel 53**

– VISS Fire TVS (schräg)

konstruiert werden

Raccordements au mur

Les raccordements au mur du système VISS Fire DVS sont en grande partie identiques à ceux de système VISS Fire TVS (oblique).

Les raccordements au mur peuvent pour cette raison être construits par analogie conformément au **chapitre 53**

– VISS Fire TVS (oblique)

Attachment to structure

The attachment to structure for the VISS Fire DVS system are for the most part identical to the details of the VISS Fire TVS (sloping) system.

For this reason, the attachment to structure details can be designed analagous to **chapter 53**

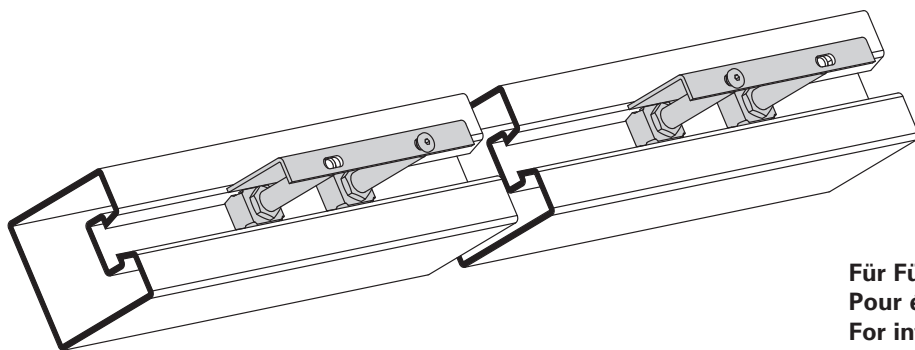
– VISS Fire TVS (sloping)

Belastung/Glasauflagen

Charge/Supports de verre

Load/Glazing supports

< 180 kg



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

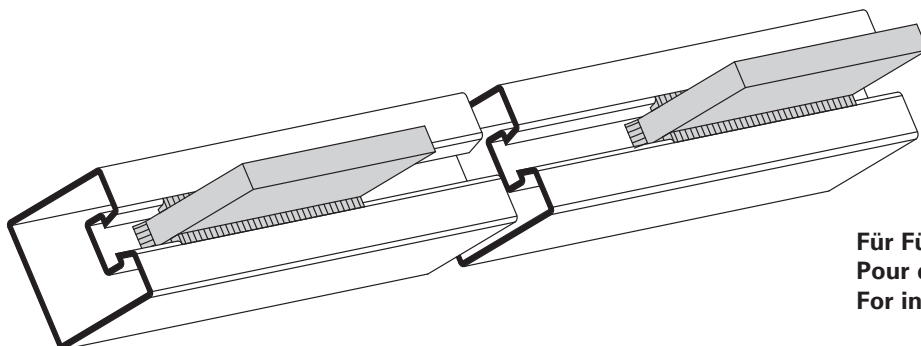
Anzahl Traganker 2 x 2
Nombre boulon-support 2 x 2
Number supporting bolt 2 x 2

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

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

