

# VISS Fire

Brandschutz-Fassaden

# VISS Fire

Façades protection incendie

# VISS Fire

Fire resistant façades



2	VISS Fire - Brandschutzverglasungen VISS Fire - Vitrages pare-flammes VISS Fire - Fire protection glazings
6	Zulassungen/Prüfungen Homologations/Essais Authorisations/Test
8	Typenübersicht Sommaire des types Summary of types
10	Prinzip-Schnittpunkte Principe de coupe de détails Principle section details
15	VISS Fire TV (Klasse E) VISS Fire TV (classe E) VISS Fire TV (class E)
16	VISS Fire TV (Klasse EI) VISS Fire TV (classe EI) VISS Fire TV (class EI)
20	VISS Fire TVS (Klasse E) VISS Fire TVS (classe E) VISS Fire TVS (class E)
22	VISS Fire TVS (Klasse EI) VISS Fire TVS (classe EI) VISS Fire TVS (class EI)
26	VISS Fire TVS (schräg) Klasse E / EI VISS Fire TVS (oblique) classe E / EI VISS Fire TVS (sloping) class E / EI
29	VISS Fire DV / DVS VISS Fire DV / DVS VISS Fire DV / DVS
31	U <sub>f</sub> Werte nach EN 10077-2 Valeurs U <sub>f</sub> selon EN 10077-2 U <sub>f</sub> values according to 10077-2

# VISS Fire – Brandschutzverglasungen

## VISS Fire – Vitrages pare-flammes

### VISS Fire – Fire protection glazings

#### VISS Fire Brandschutzverglasungen: Anforderungen Klasse E (früher G Verglasungen).

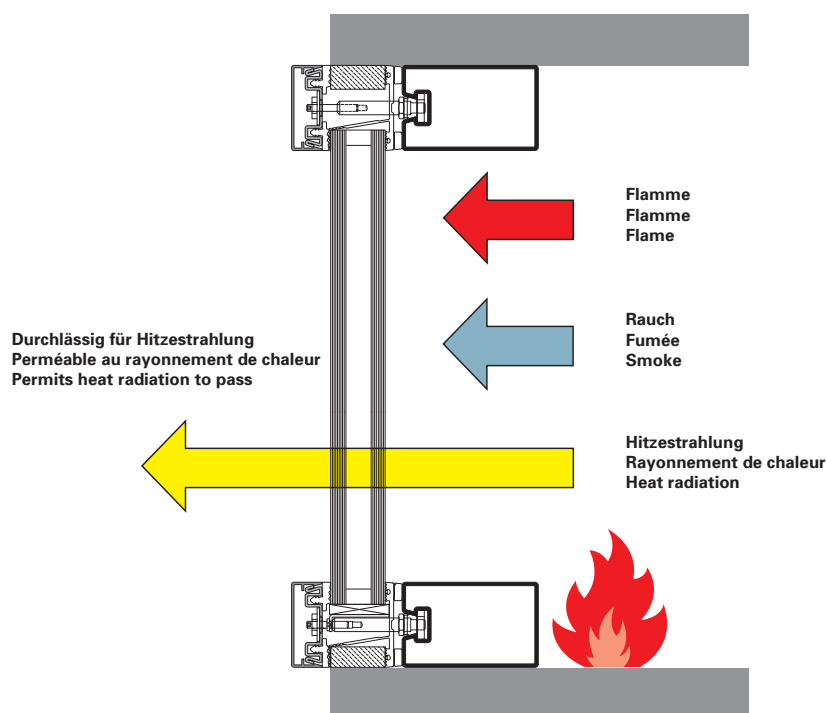
Als Brandschutzverglasungen der Feuerwiderstandsklasse E (G) gelten raumabschliessende, lichtdurchlässige Bauteile in senkrechter, geneigter oder waagrechtter Anordnung. Sie verhindern entsprechend ihrer Feuerwiderstandsdauer die Ausbreitung von **Feuer** und **Rauch**, jedoch nicht den Durchtritt der Wärmestrahlung und bleiben im Brandfall durchsichtig. E Verglasungen reduzieren die Temperatur der noch durchtretenden Wärmestrahlung um etwa die Hälfte. Aufgrund bauaufsichtlicher Vorschriften dürfen E Verglasungen nur an Stellen eingebaut werden, an denen aus Brandschutzgründen keine Bedenken bestehen, z.B. als Lichtöffnungen in Flurwänden oder als vertikale bzw. horizontale Brandabschottung in Glasdachkonstruktionen oder Vorhangfassaden.

#### VISS Fire vitrage pare-flammes: Exigences classe E (autrefois vitrages G)

Les compartiments translucides disposés à la verticale, inclinés ou à l'horizontale sont considérés comme des vitrages pare-flammes de la classe de résistance au feu E (G). Ils ont conformément à leur durée de résistance au feu pour objectif d'empêcher l'extension du **feu** et de la **fumée**, mais pas l'entrée du rayonnement calorifique, et restent transparents en cas d'incendie. Les vitrages E réduisent d'environ la moitié la température du rayonnement calorifique qui pénètre. En raison de prescriptions de l'office chargé de la surveillance des travaux de construction, les vitrages E ne doivent être utilisés que quand leur emploi ne donne lieu à aucune réserve quant à la protection contre le feu, p. ex. sous forme de baies dans les couloirs ou comme cloison pare-flammes verticale ou horizontale dans les constructions à toit vitré ou les façades rideaux.

#### VISS Fire fire-protection glazing: Requirements of class E (previously G-glazing)

Fire-protection glazing components of fire-resistance class E (G) are defined as space-enclosing, transparent components arranged vertically, slanted or horizontally. They prevent the spread of **fire** and **smoke** in accordance with their respective fire-resistance period, but do not prevent the passage of heat radiation and remain transparent in the event of a fire. E-glazing reduces the temperature of the heat radiation that passes through it by half (approximately). Due to building control provisions, E-glazing may only be installed in situations where this is not questionable for reasons of fire protection, e.g. as fixed glazing in corridor walls or as vertical or horizontal firestops in glass roofs or curtain walls.



**VISS Fire Brandschutzverglasungen:  
Anforderungen Klasse EI  
(früher F Verglasungen).**

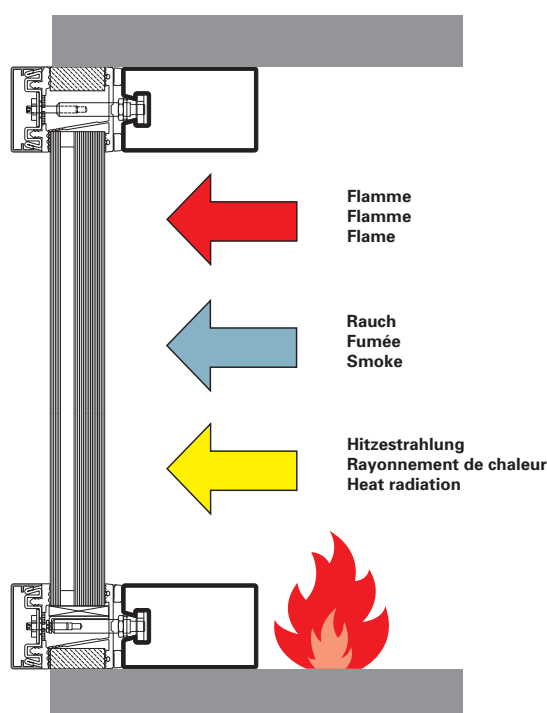
Als Brandschutzverglasungen der Feuerwiderstandsklasse EI (F) gelten raumabschliessende, lichtdurchlässige Bauteile in senkrechter, geneigter oder waagrechter Anordnung. Sie sind dazu bestimmt, entsprechend ihrer Feuerwiderstandsdauer die Ausbreitung von **Feuer** und **Rauch** sowie den **Durchtritt der Wärmestrahlung** zu verhindern. Auch muss der Nachweis der Standfestigkeit geliefert werden. EI Verglasungen werden im Brandfall undurchsichtig und verhalten sich brandschutztechnisch wie Wände. Einsatzmöglichkeiten von EI Brandschutzverglasungen sind z.B. Flurtrennwände als raumtrennende Bauteile im Bereich von Flucht- und Rettungswegen, raumabschliessende Wände zwischen Nutzungseinheiten eines Gebäudes zur Brandabschnittsbildung u.v.m.

**VISS Fire vitrage pare-flammes:  
Exigences classe EI  
(autrefois vitrages F)**

Les compartiments translucides disposés à la verticale, inclinés ou à l'horizontale sont considérés comme des vitrages coupe feu de la classe de résistance au feu EI (F). Ils ont conformément à leur durée de résistance au feu pour objectif d'empêcher l'extension du **feu** et de la **fumée**, de même que **l'entrée du rayonnement calorifique**. La preuve de leur stabilité statique doit également être fournie. Les vitrages EI deviennent opaques en cas d'incendie et se comportent comme des parois quand ils sont exposés au feu. Les vitrages coupe feu EI peuvent p. ex. être utilisés comme parois de séparation d'éléments dans les couloirs dans la zone des issues de secours et des accès de sauvetage, comme parois de fermeture de pièces entre les unités d'un bâtiment afin de former des espaces coupe feu par exemple.

**VISS Fire fire-protection glazing:  
Requirements of class EI  
(previously F-glazing)**

Fire-protection glazing components of fire-resistance class EI (F) are defined as space-enclosing, transparent components arranged vertically, slanted or horizontally. Their purpose is to prevent the spread of **fire** and **smoke** and to **block heat radiation** in accordance with their respective fire-resistance class. Proof of their stability must also be supplied. EI-glazing loses its transparency when exposed to fire and, with respect to fire, has the characteristics of a solid wall. EI fire-protection glazing can be used, e.g. in walls bordering escape route corridors, in fire compartment walls between building units, and many other instances.



VISS Fire – Brandschutzverglasungen  
 VISS Fire – Vitrages pare-flammes  
 VISS Fire – Fire protection glazings



**VISS Fire TV E30/E60**

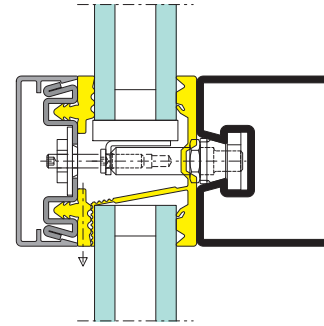
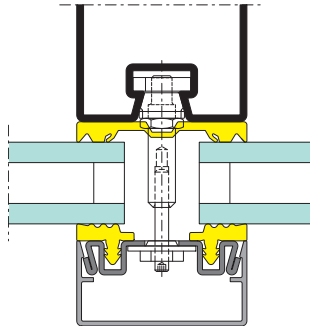
Dichtung schwer entflammbar

**VISS Fire TV E30/E60**

Joint difficilement combustible

**VISS Fire TV E30/E60**

Gasket flame retardant



**VISS Fire TVS E30**

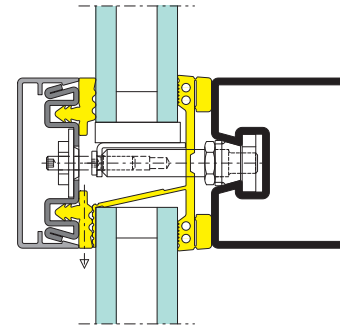
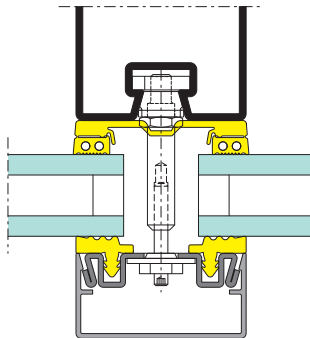
Dichtung schwer entflammbar

**VISS Fire TVS E30**

Joint difficilement combustible

**VISS Fire TVS E30**

Gasket flame retardant



**VISS Fire TVS (schräg) E30**

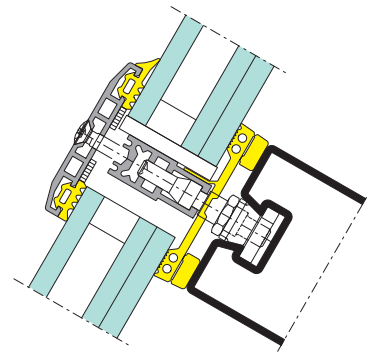
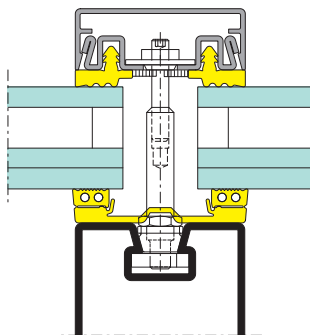
Dichtung schwer entflammbar

**VISS Fire TVS (oblique) E30**

Joint difficilement combustible

**VISS Fire TVS (sloping) E30**

Gasket flame retardant



**VISS Fire DV E30/E60/E90**

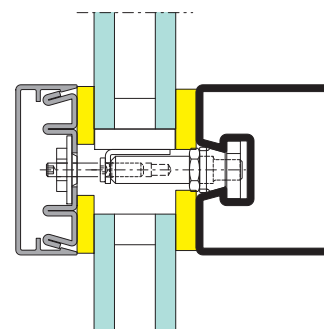
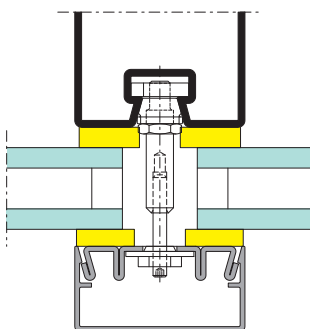
Keramikfaserband (Innenanwendung)

**VISS Fire DV E30/E60/E90**

Bande de fibre de céramique  
 (application intérieure)

**VISS Fire DV E30/E60/E90**

Ceramic fibre strips (inside application)



**VISS Fire TV EI30/EI60/EI90**

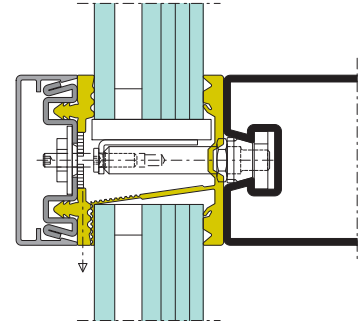
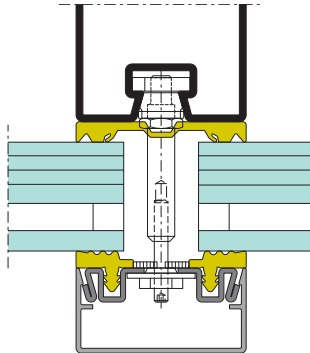
EPDM-Dichtung

**VISS Fire TV EI30/EI60/EI90**

Joint EPDM

**VISS Fire TV EI30/EI60/EI90**

Gasket EPDM



**VISS Fire TVS EI30**

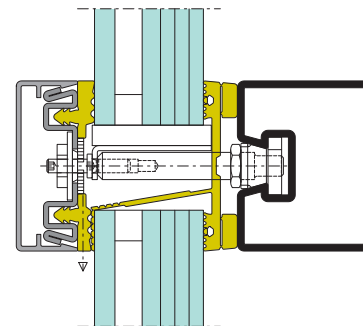
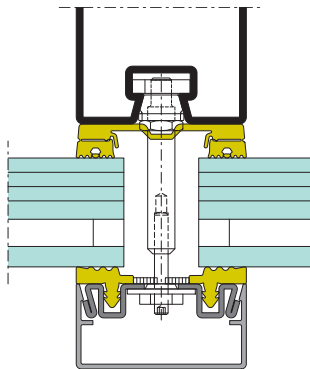
EPDM-Dichtung

**VISS Fire TVS EI30**

Joint EPDM

**VISS Fire TVS EI30**

Gasket EPDM



**VISS Fire TVS EI60/EI90**

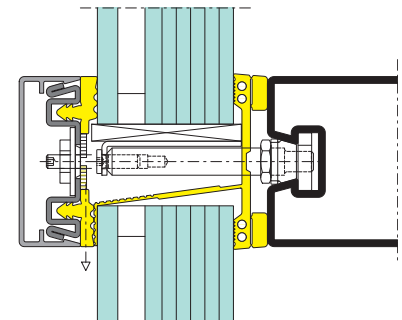
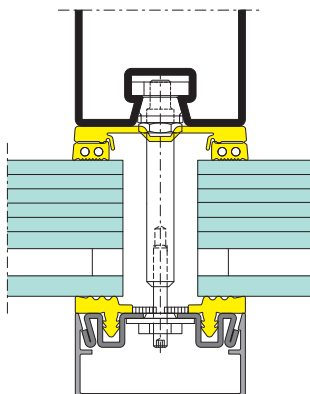
Dichtung schwer entflammbar

**VISS Fire TVS EI60/EI90**

Joint difficilement combustible

**VISS Fire TVS EI60/EI90**

Gasket flame retardant



**VISS Fire DV EI30/EI60/EI90**

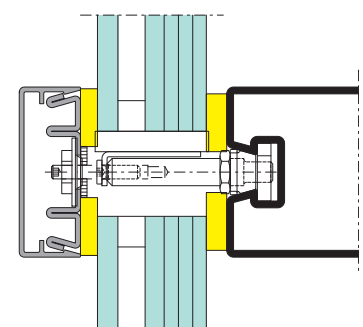
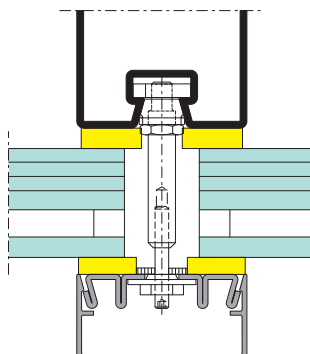
Keramikfaserband (Innenanwendung)

**VISS Fire DV EI30/EI60/EI90**

Bande de fibre de céramique  
(application intérieure)

**VISS Fire DV EI30/EI60/EI90**

Ceramic fibre strips (inside application)



# Zulassungen/Prüfungen Homologations/Essais Authorisations/Test

	VISS Fire TV		VISS Fire TVS		VISS Fire TVS (schräg/oblique/sloping)		VISS Fire DV	
<b>CH:</b>	E30 E60	EI30 EI60 EI90	E90		R30		E60	EI90
<b>DE:</b>	G30 G60	F30 F90	G30 G60		G30		G30 G60 G90	F30 F90
<b>AT:</b>	E15 / EW20 E30 / EW30 E60 / EW60 E90	EI15 EI30 EI60 EI90	E15 / EW20 E30 / EW30 E60 / EW60 E90	EI15 EI30 EI60 EI90	E30	EI30	E15 / EW20 E30 / EW30 E60 / EW60 E90	EI15 EI30 EI60 EI90
<b>FR:</b>	E30 E45 E60 E90	EI30 EI45 EI60 EI90			E30	EI30	E30 E45 E60 E90	EI30 EI45 EI60 EI90
<b>GB:</b>	E30 E60 E90 E120	EI30 EI60 EI90 EI120	E30 E60 E90 E120	EI30 EI60 EI90 EI120	E30 E60 E90 E120	EI30 EI60 EI90 EI120	E30 E60 E90 E120	E30 EI60 EI90 EI120
<b>PL:</b>	E30 / EW30 E60 / EW60	EI15 EI30 EI60 (EI120)	E30 / EW30 E60 / EW60	EI15 EI30 EI60 (EI120)	E30	EI30	E30 / EW30 E60 / EW60	EI15 EI30 EI60

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

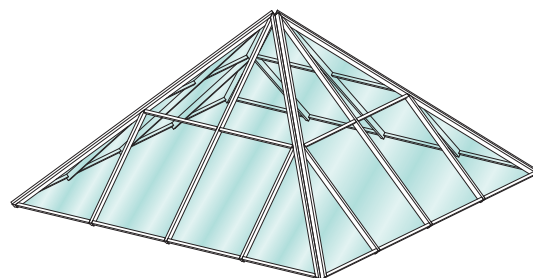
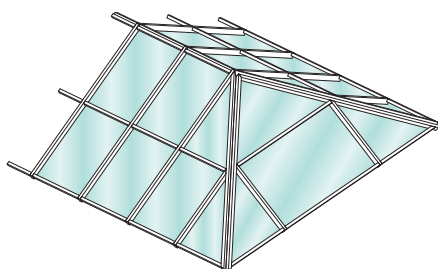
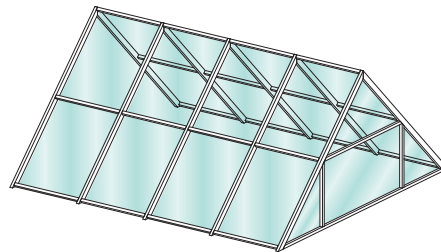
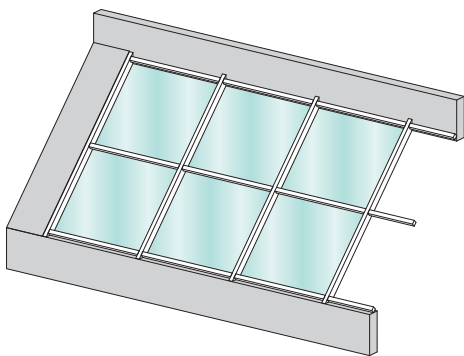
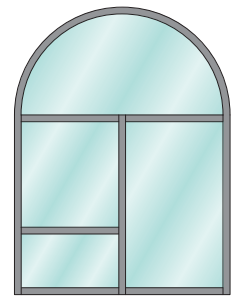
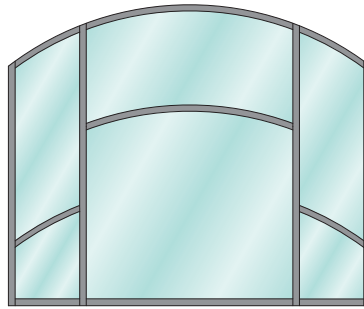
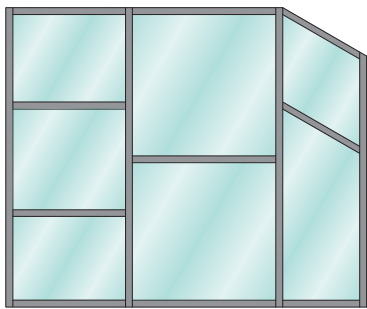
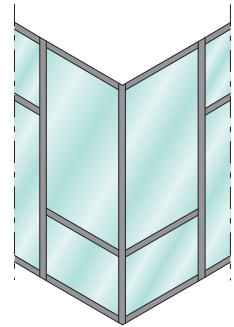
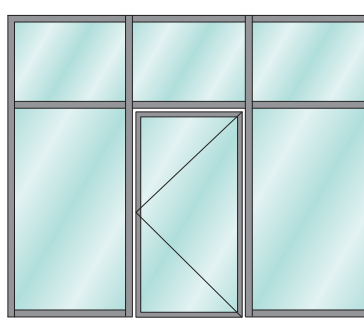
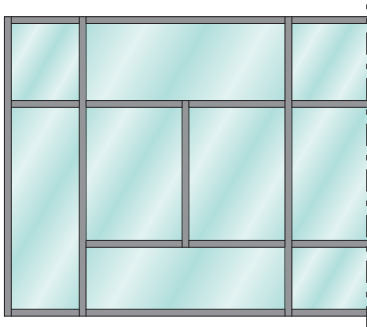
**Les certificats de protection incendie spécifiques au pays, leurs dispositions et leurs prescriptions doivent être respectés.**

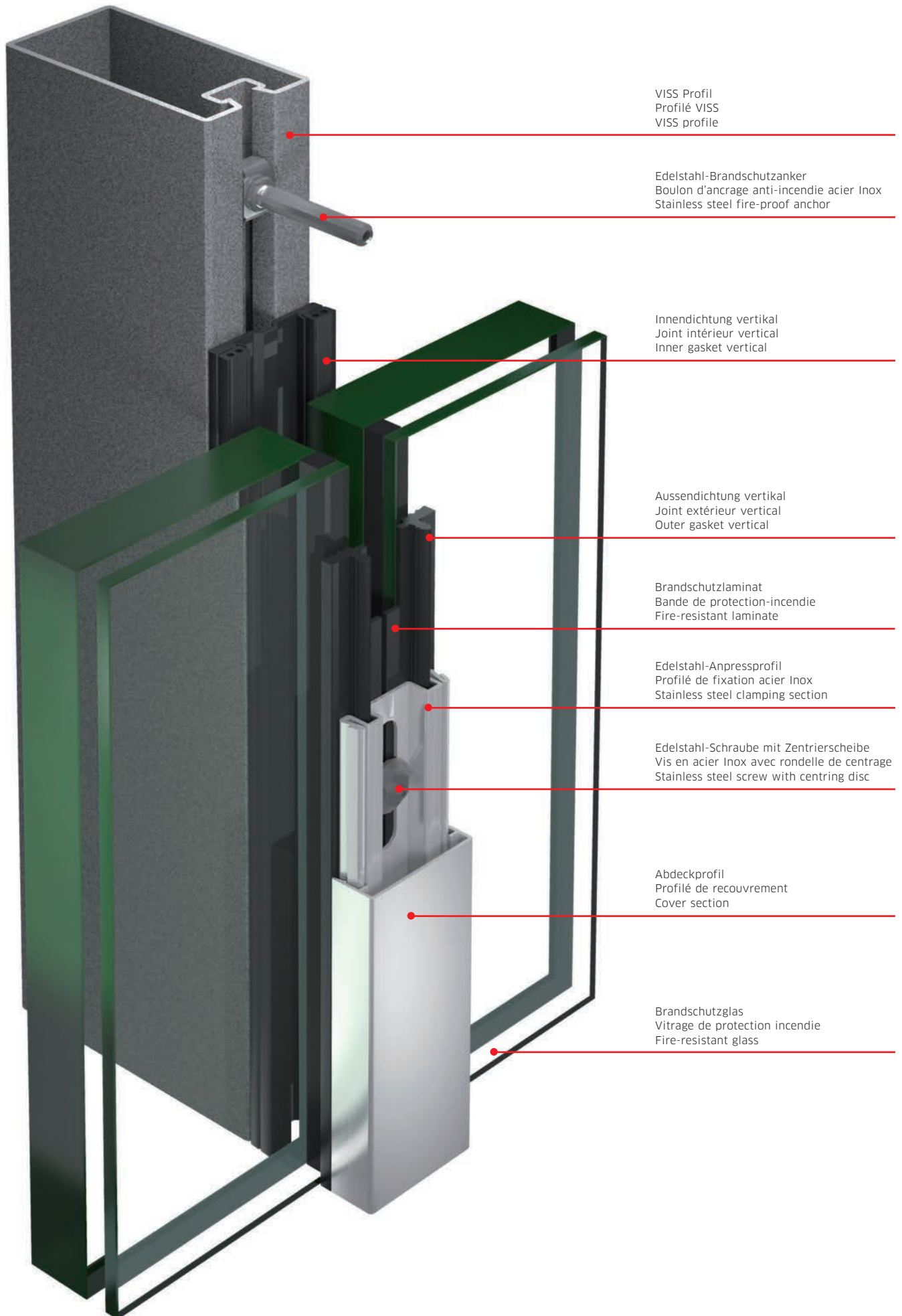
**Fire-protection approvals or applicable national regulations and determinations must be observed.**



<p><b>Produktnorm Vorhangfassade EN 13830</b></p> <p>Luftdurchlässigkeit (EN 12152) AE</p> <p>Schlagregendichtheit (EN 12154) RE 1200</p> <p>Widerstandsfähigkeit bei Windlast (EN 13116):</p> <p>zulässige Last 2000 Pa</p> <p>erhöhte Last 3000 Pa</p> <p>Stoßfestigkeit (EN 14019) I5/E5</p>	<p><b>Norme de produit façade rideau EN 13830</b></p> <p>Perméabilité à l'air (EN 12152) AE</p> <p>Etanchéité à la pluie battante (EN 12154) RE 1200</p> <p>Résistance à la charge du vent (EN 13116):</p> <p>Charge admissible 2000 pa</p> <p>Charge élevée 3000 Pa</p> <p>Résistance aux chocs (EN 14019) I5/E5</p>	<p><b>Product approval curtain walls EN 13830</b></p> <p>Air permeability (EN 12152) AE</p> <p>Resistance to driving rain (EN 12154) RE 1200</p> <p>Resistance to wind loads (EN 13116):</p> <p>Permissible load 2000 Pa</p> <p>Increased load 3000 Pa</p> <p>Impact streng (EN 14019) I5/E5</p>
<p><b>Luftschalldämmung</b></p> <p>nach EN ISO 140-3 (1993) und ISO/DIS 717-1 (1993), DIN 52210:</p> <p>RW = 42 dB (bei Füllelementwert mind. RW = 42 dB)</p> <p><b>Luftschalldämmung F90</b></p> <p>nach EN ISO 140-3 (1993) und ISO/DIS 717-1 (1993), DIN 52210:</p> <p>RW (C;Ctr) = 44 (-1;-4) dB</p> <p>RW (C;Ctr) = 46 (-2;-5) dB</p> <p>RW (C;Ctr) = 47 (-1;-5) dB</p>	<p><b>Isolement contre les sons aériens</b></p> <p>selon EN ISO 140-3 (1993) et ISO/DIS 717-1 (1993), DIN 52210:</p> <p>RW = 42 dB (avec valeur du remplissage min. RW = 42 dB)</p> <p><b>Isolement contre les sons aériens F90</b></p> <p>selon EN ISO 140-3 (1993) et ISO/DIS 717-1 (1993), DIN 52210:</p> <p>RW (C;Ctr) = 44 (-1;-4) dB</p> <p>RW (C;Ctr) = 46 (-2;-5) dB</p> <p>RW (C;Ctr) = 47 (-1;-5) dB</p>	<p><b>Insulation against airborne noise</b></p> <p>according to EN ISO 140-3 (1993) and ISO/DIS 717-1 (1993), DIN 52210:</p> <p>RW = 42 dB (with glass/infill panel min. RW = 42 dB)</p> <p><b>Insulation against airborne noise F90</b></p> <p>according to EN ISO 140-3 (1993) and ISO/DIS 717-1 (1993), DIN 52210:</p> <p>RW (C;Ctr) = 44 (-1;-4) dB</p> <p>RW (C;Ctr) = 46 (-2;-5) dB</p> <p>RW (C;Ctr) = 47 (-1;-5) dB</p>
<p><b>CWCT-Test</b></p> <p>Luftdurchlässigkeit:</p> <p>Druck 600 Pa PASS</p> <p>Wasserdichtheit statisch:</p> <p>Druck 600 Pa PASS</p> <p>Wasserdichtheit dynamisch PASS</p> <p>Windlast:</p> <p>Sicherheit 3600 Pa PASS</p> <p>Gebrauchstauglichkeit 2400 Pa PASS</p> <p>Schlauchtest PASS</p>	<p><b>CWCT-Test</b></p> <p>Perméabilité à l'air:</p> <p>Pression 600 Pa PASS</p> <p>Etanchéité à l'eau statique:</p> <p>Pression 600 Pa PASS</p> <p>Etanchéité à l'eau dynamique: PASS</p> <p>Résistance au vent:</p> <p>Sécurité 3600 Pa PASS</p> <p>Aptitude à l'usage 2400 Pa PASS</p> <p>Essai au tuyau PASS</p>	<p><b>CWCT-Test</b></p> <p>Air permeability:</p> <p>Pressure 600 Pa PASS</p> <p>Watertightness static:</p> <p>Pressure 600 Pa PASS</p> <p>Watertightness dynamic: PASS</p> <p>Wind resistance:</p> <p>Safety 3600 Pa PASS</p> <p>Serviceability 2400 Pa PASS</p> <p>Hose test PASS</p>
<p><b>Klassifizierungsbericht</b></p> <p>zum Feuerwiderstand nach EN 13501-2 als Vorhangfassade EI90/EW60/E90</p> <ul style="list-style-type: none"> <li>- VISS Fire TV</li> <li>- VISS Fire TVS</li> <li>- VISS Fire DV</li> </ul>	<p><b>Rapport de classification</b></p> <p>sur la résistance au feu selon EN 13501-2 sous forme de façade-rideau EI90/EW60/E90</p> <ul style="list-style-type: none"> <li>- VISS Fire TV</li> <li>- VISS Fire TVS</li> <li>- VISS Fire DV</li> </ul>	<p><b>Classification report</b></p> <p>for fire resistance in accordance with EN 13501-2 as EI90/EW60/E90 curtain walling</p> <ul style="list-style-type: none"> <li>- VISS Fire TV</li> <li>- VISS Fire TVS</li> <li>- VISS Fire DV</li> </ul>

Typenübersicht  
Sommaire des types  
Summary of types





VISS Profil  
 Profilé VISS  
 VISS profile

Edelstahl-Brandschutzanker  
 Boulon d'ancrage anti-incendie acier Inox  
 Stainless steel fire-proof anchor

Innendichtung vertikal  
 Joint intérieur vertical  
 Inner gasket vertical

Aussendichtung vertikal  
 Joint extérieur vertical  
 Outer gasket vertical

Brandschutzlaminat  
 Bande de protection-incendie  
 Fire-resistant laminate

Edelstahl-Anpressprofil  
 Profilé de fixation acier Inox  
 Stainless steel clamping section

Edelstahl-Schraube mit Zentrierscheibe  
 Vis en acier Inox avec rondelle de centrage  
 Stainless steel screw with centring disc

Abdeckprofil  
 Profilé de recouvrement  
 Cover section

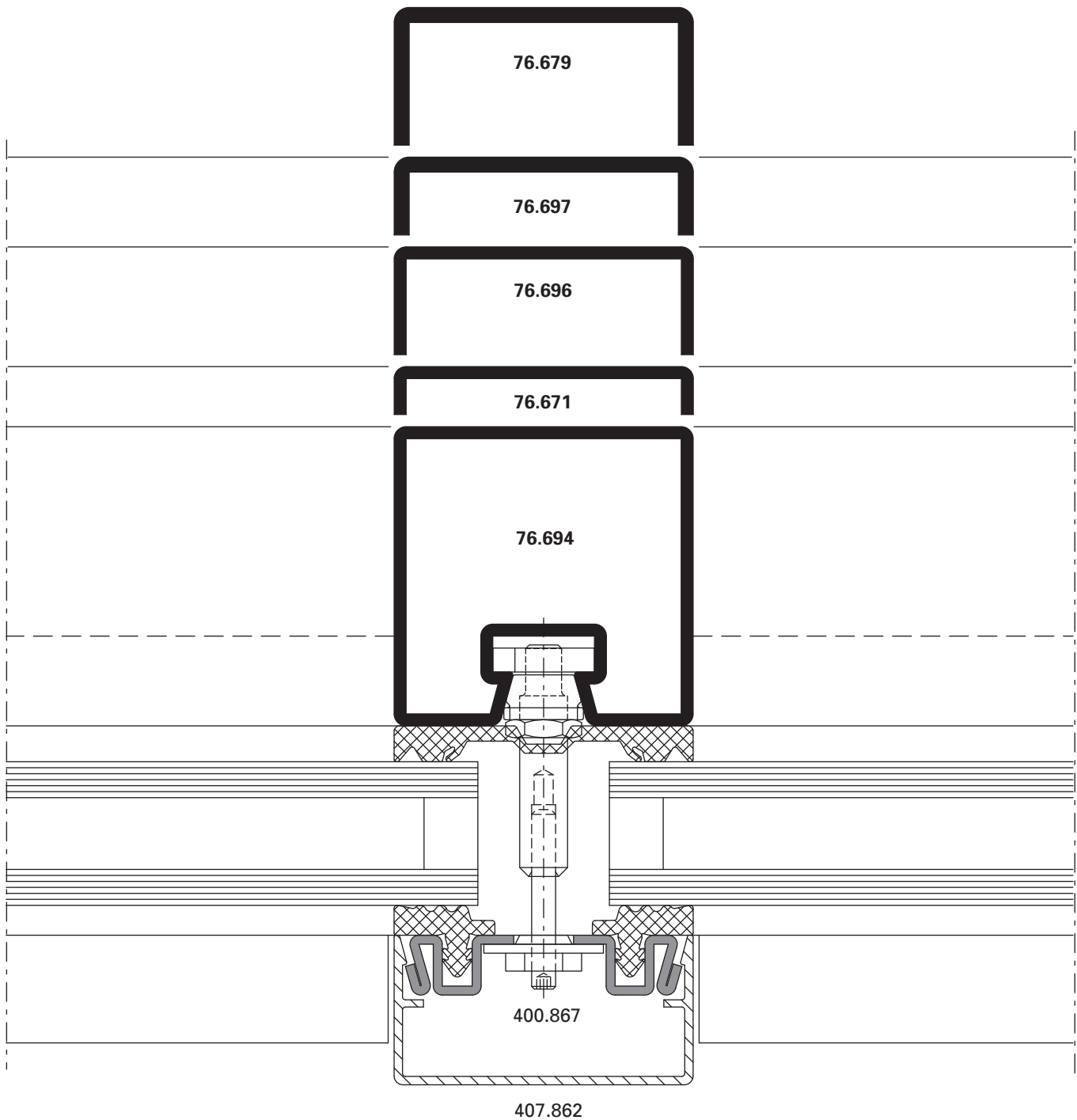
Brandschutzglas  
 Vitrage de protection incendie  
 Fire-resistant glass

Prinzip-Schnittpunkte  
Principe de coupe de détails  
Principle section details

VISS Fire TV  
Brandschutzverglasung Klasse E

VISS Fire TV  
Vitrage pare-flammes Classe E

VISS Fire TV  
Fire protection glazing Class E

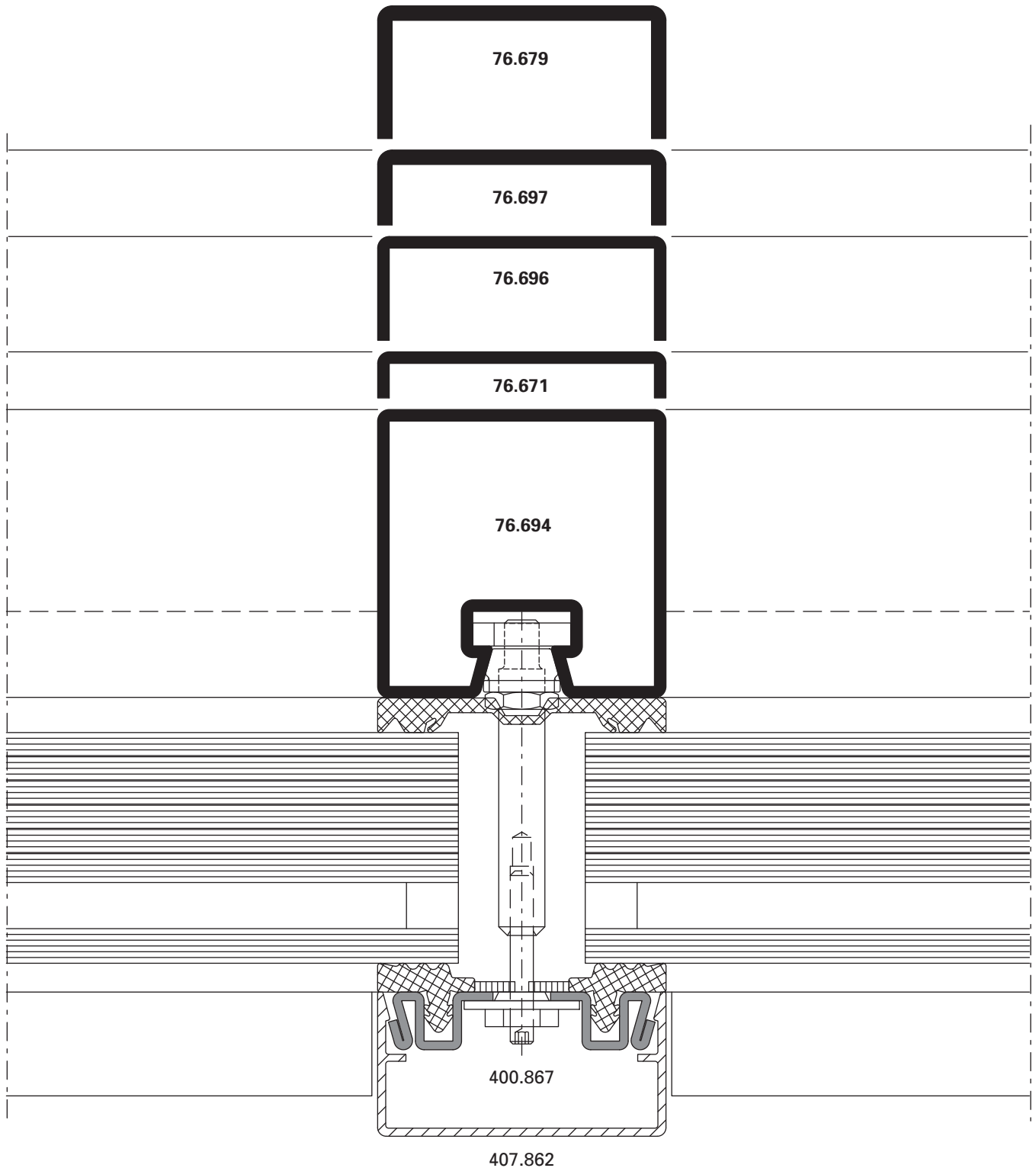




VISS Fire TV  
Brandschutzverglasung Klasse EI

VISS Fire TV  
Vitrage coupe feu Classe EI

VISS Fire TV  
Fire protection glazing Class EI

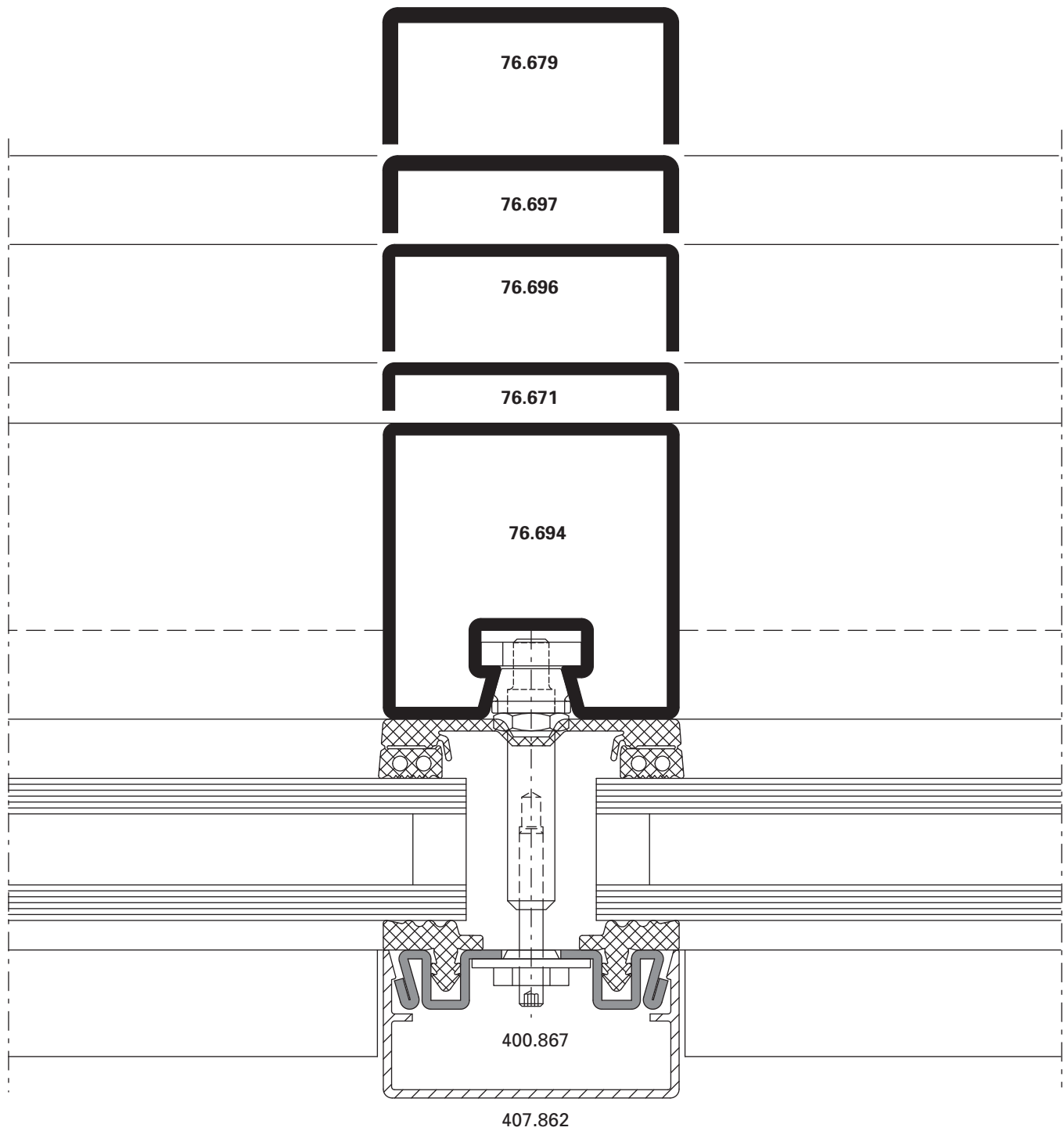


Prinzip-Schnittpunkte  
Principe de coupe de détails  
Principle section details

**VISS Fire TVS**  
Brandschutzverglasung Klasse E

**VISS Fire TVS**  
Vitrage pare-flammes Classe E

**VISS Fire TVS**  
Fire protection glazing Class E

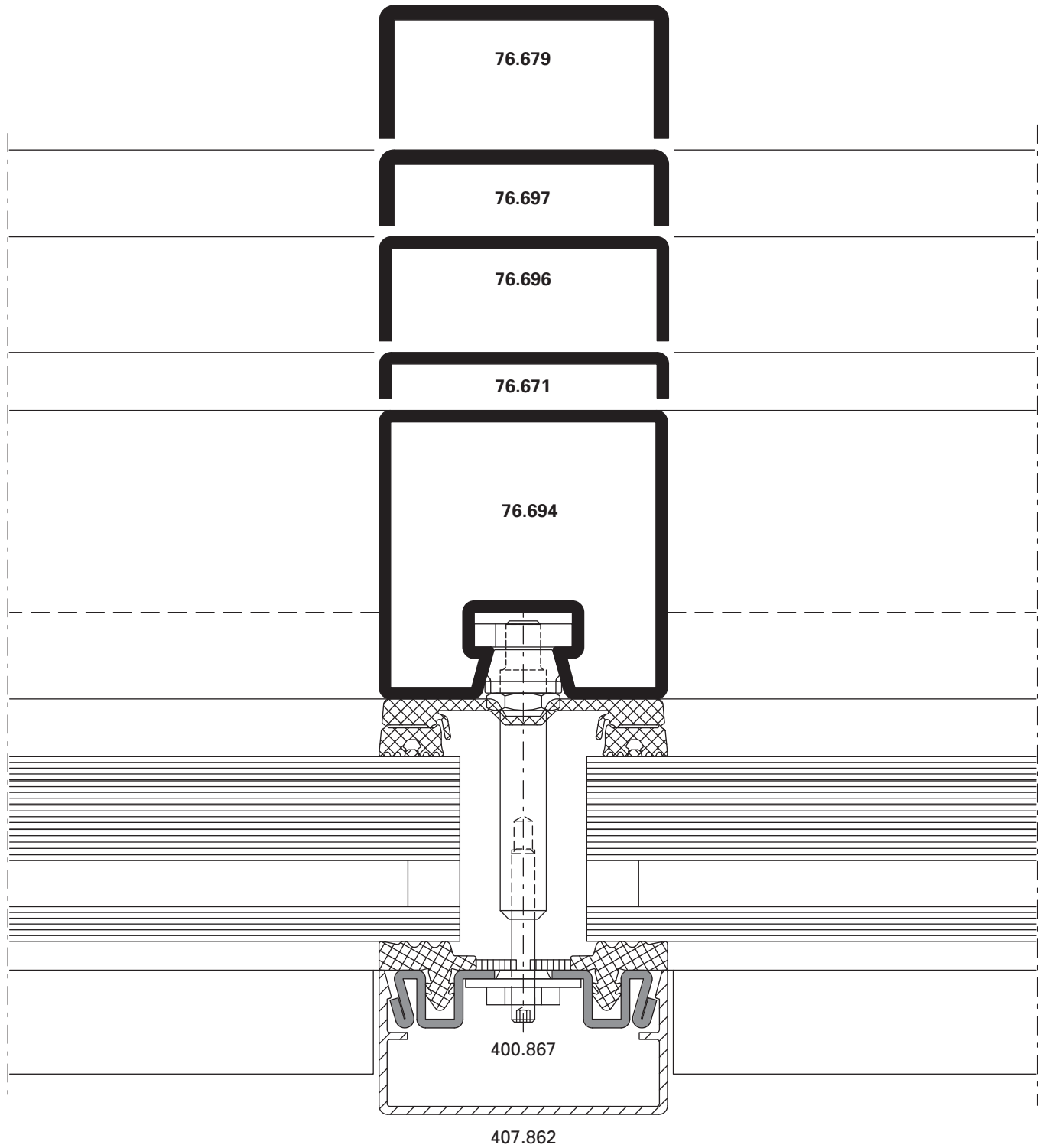




VISS Fire TVS  
Brandschutzverglasung Klasse EI

VISS Fire TVS  
Vitrage coupe feu Classe EI

VISS Fire TVS  
Fire protection glazing Class EI

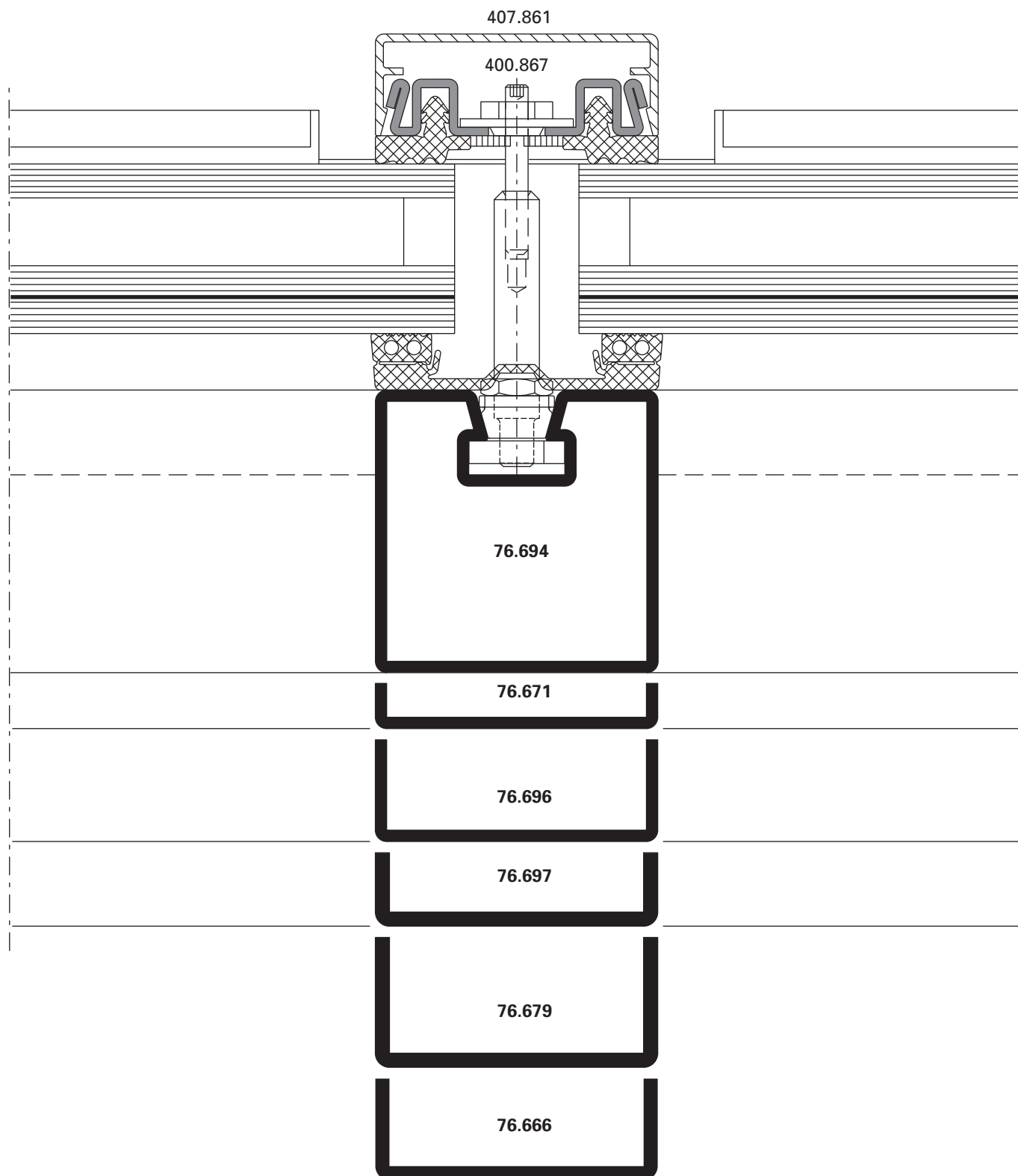


Prinzip-Schnittpunkt  
Principe de coupe de détail  
Principle section detail

**VISS Fire TVS (schräg)**  
**Brandschutzverglasung Klasse E / EI**

**VISS Fire TVS (oblique)**  
**Vitrage coupe feu Classe E / EI**

**VISS Fire TVS (sloping)**  
**Fire protection glazing Class E / EI**

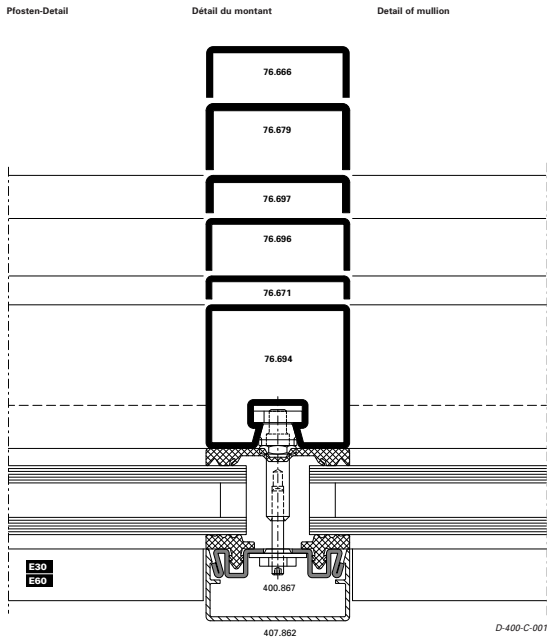




# VISS Fire TV (Klasse E) VISS Fire TV (classe E) VISS Fire TV (class E)

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

VISS Fire TV  
VISS Fire TV  
VISS Fire TV



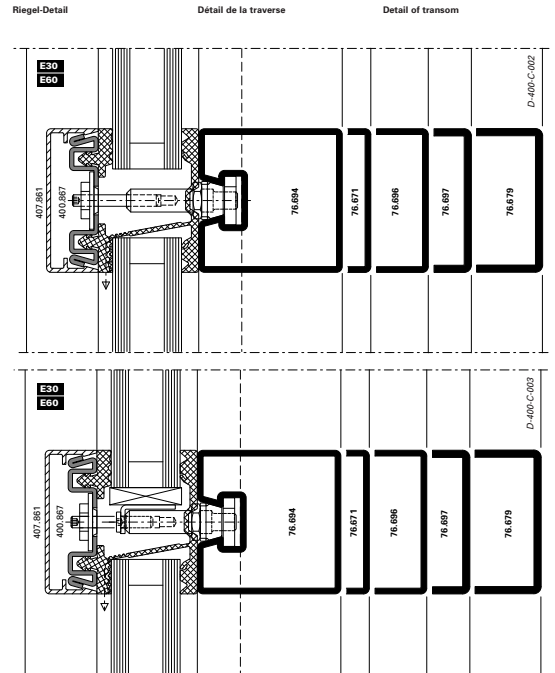
A-36-22

01/2014

JANSEN

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

VISS Fire TV  
VISS Fire TV  
VISS Fire TV



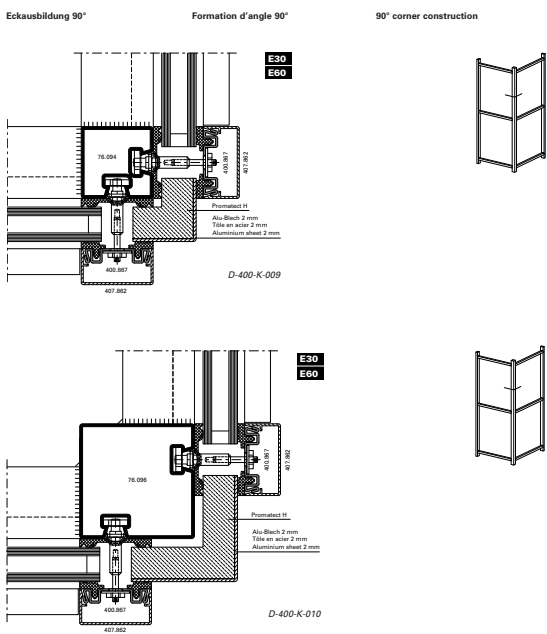
JANSEN

01/2014

A-36-23

Konstruktions-Details im Massstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

VISS Fire TV  
VISS Fire TV  
VISS Fire TV



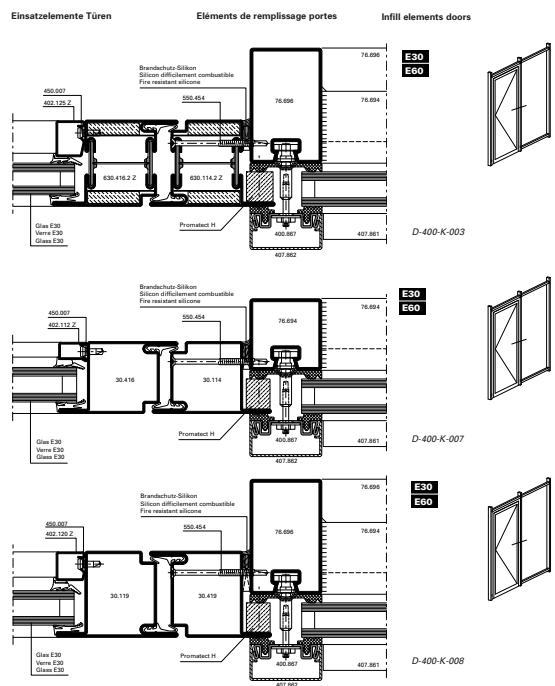
JANSEN

01/2014

A-36-25

Konstruktions-Details im Massstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

VISS Fire TV  
VISS Fire TV  
VISS Fire TV



A-36-30

01/2014

JANSEN

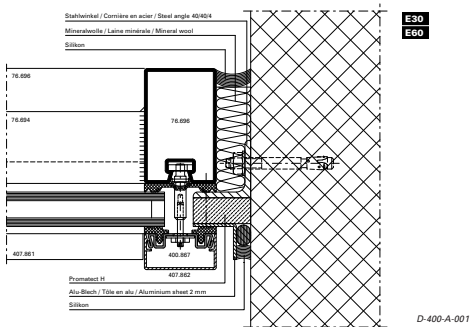
# VISS Fire TV (Klasse EI)

## VISS Fire TV (classe EI)

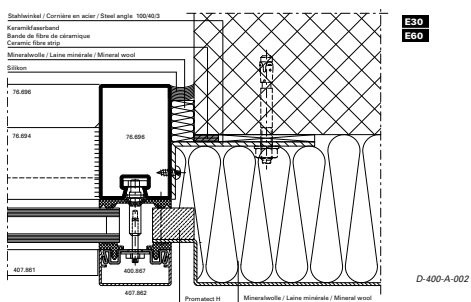
### VISS Fire TV (class EI)

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

VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



D-400-A-001



D-400-A-002

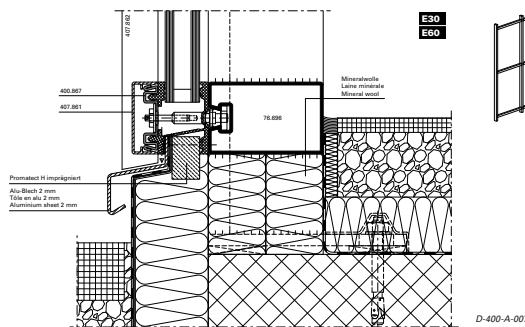
A-36-32

01/2014

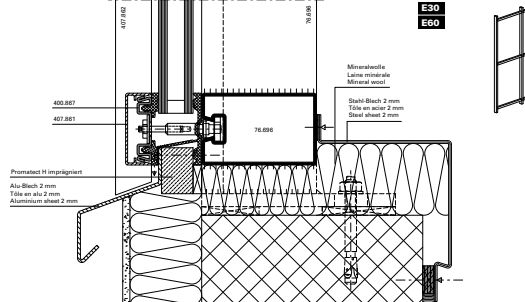
**JANSEN**

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

VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



D-400-A-007



D-400-A-008

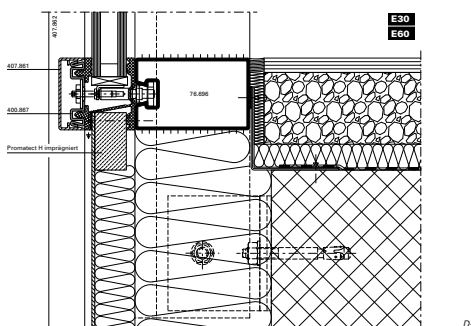
**JANSEN**

01/2014

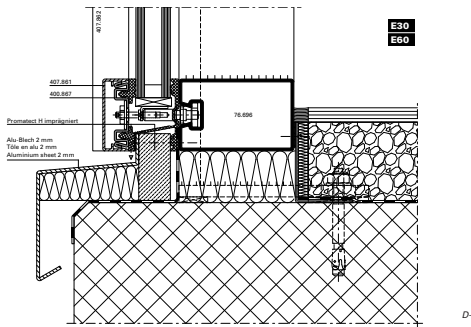
51-35

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

VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



D-400-A-009



D-400-A-010

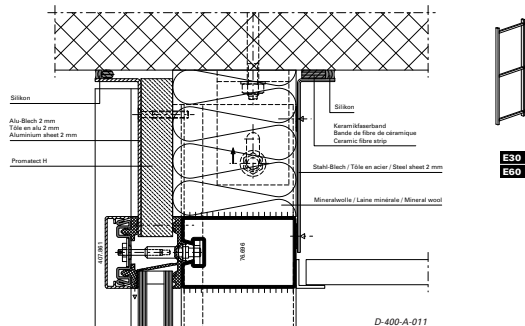
51-36

01/2014

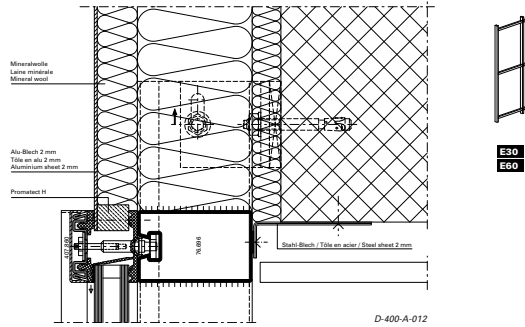
**JANSEN**

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

VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



D-400-A-011



D-400-A-012

**JANSEN**

01/2014

51-37



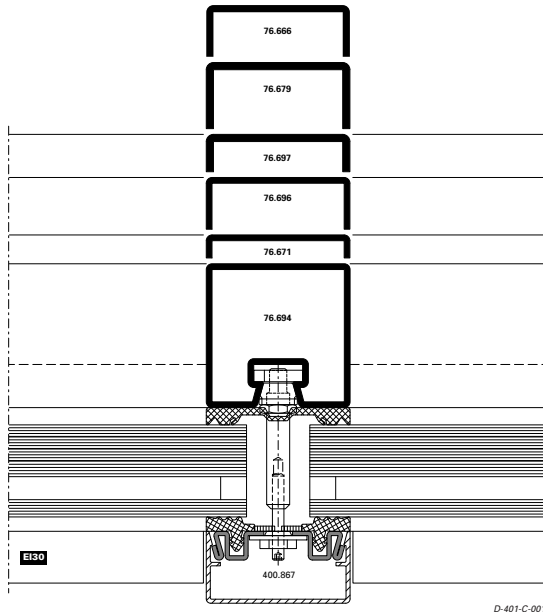
Schnittpunkte im Massstab 1:1  
Coupe de détails à l'échelle 1:1  
Section details on scale 1:1

VISS Fire TV  
VISS Fire TV  
VISS Fire TV

Posten-Detail

Détail du montant

Detail of mullion



A-36-44

01/2014

**JANSEN**

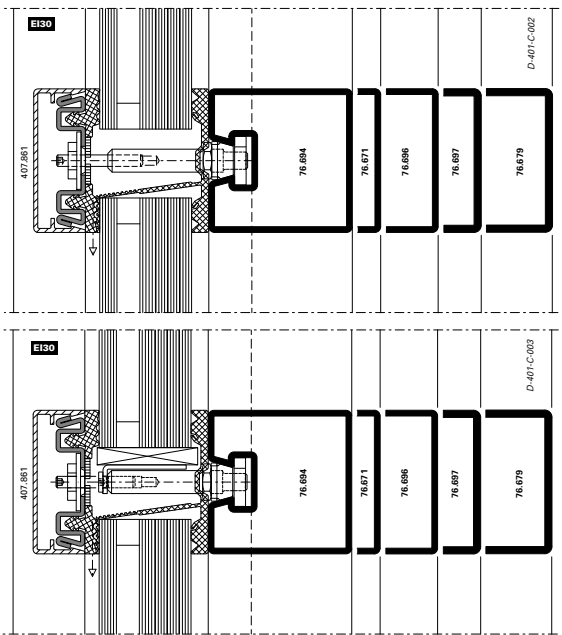
Schnittpunkte im Massstab 1:1  
Coupe de détails à l'échelle 1:1  
Section details on scale 1:1

VISS Fire TV  
VISS Fire TV  
VISS Fire TV

Riegel-Detail

Détail de la traverse

Detail of transom



**JANSEN**

01/2014

A-36-45

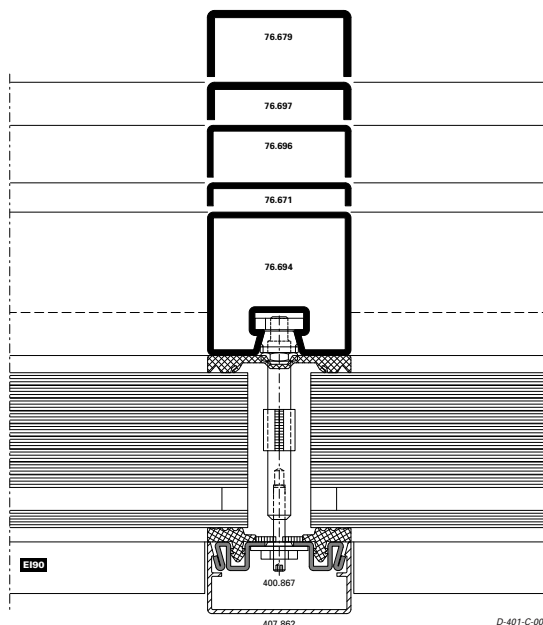
Schnittpunkte im Massstab 1:1  
Coupe de détails à l'échelle 1:1  
Section details on scale 1:1

VISS Fire TV  
VISS Fire TV  
VISS Fire TV

Posten-Detail

Détail du montant

Detail of mullion



A-36-50

01/2014

**JANSEN**

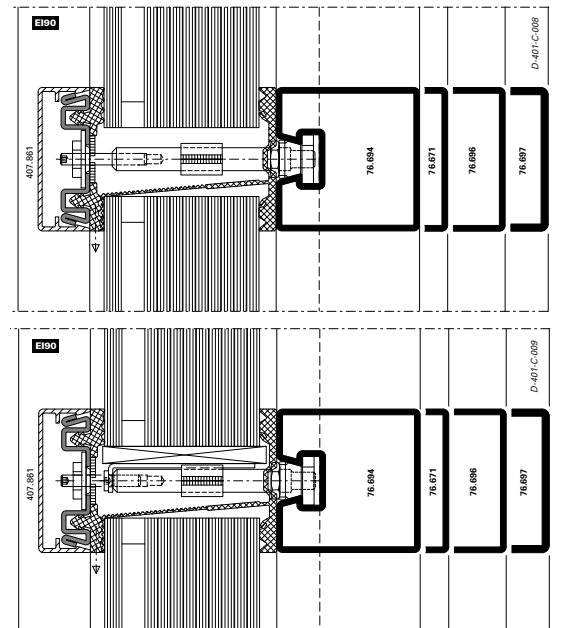
Schnittpunkte im Massstab 1:1  
Coupe de détails à l'échelle 1:1  
Section details on scale 1:1

VISS Fire TV  
VISS Fire TV  
VISS Fire TV

Riegel-Detail

Détail de la traverse

Detail of transom



**JANSEN**

01/2014

A-36-51

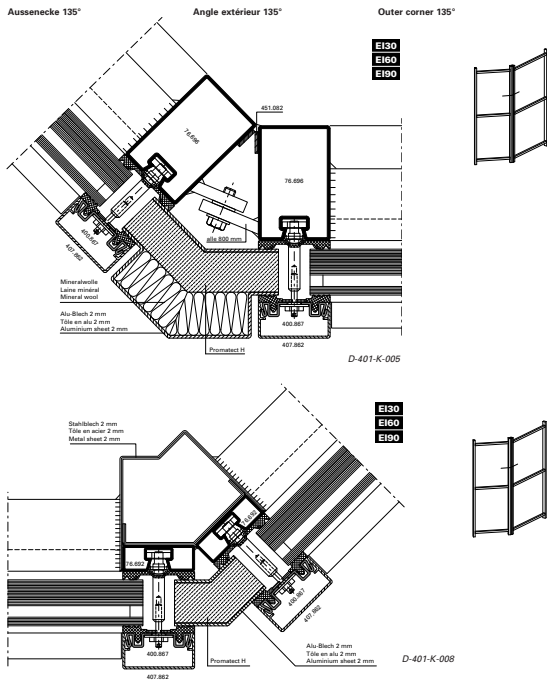
# VISS Fire TV (Klasse EI)

# VISS Fire TV (classe EI)

# VISS Fire TV (class EI)

Konstruktions-Details im Masstab 1:2  
 Détails de construction à l'échelle 1:2  
 Construction details on scale 1:2

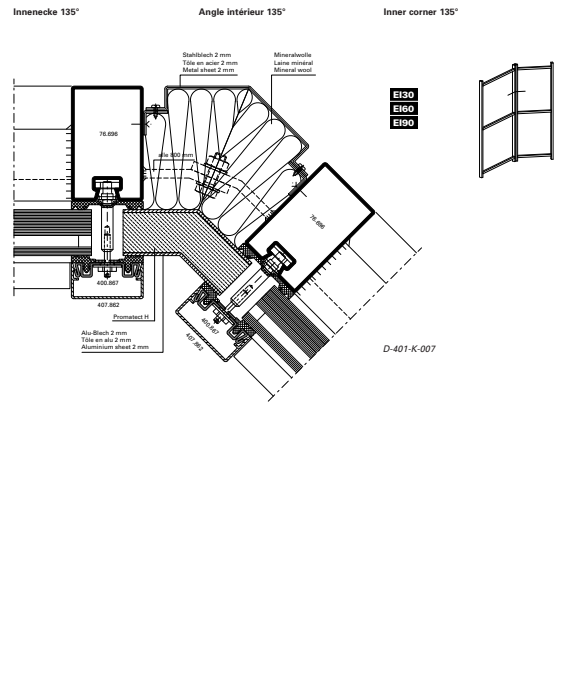
VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



**JANSEN** 01/2014 A-36-55

Konstruktions-Details im Masstab 1:2  
 Détails de construction à l'échelle 1:2  
 Construction details on scale 1:2

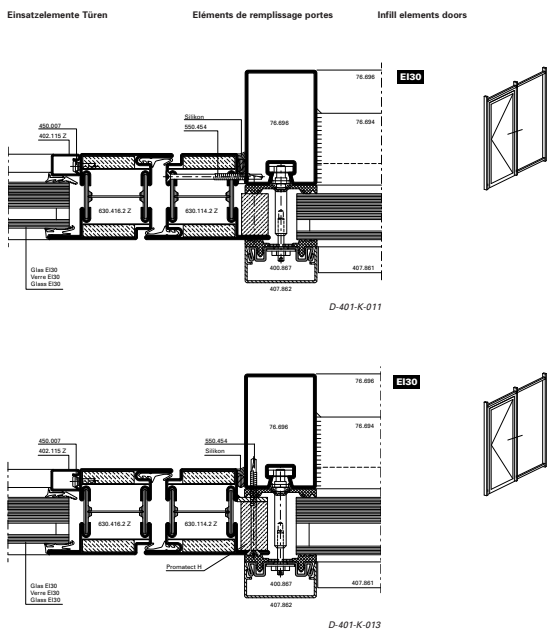
VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



A-36-56 01/2014 **JANSEN**

Konstruktions-Details im Masstab 1:2  
 Détails de construction à l'échelle 1:2  
 Construction details on scale 1:2

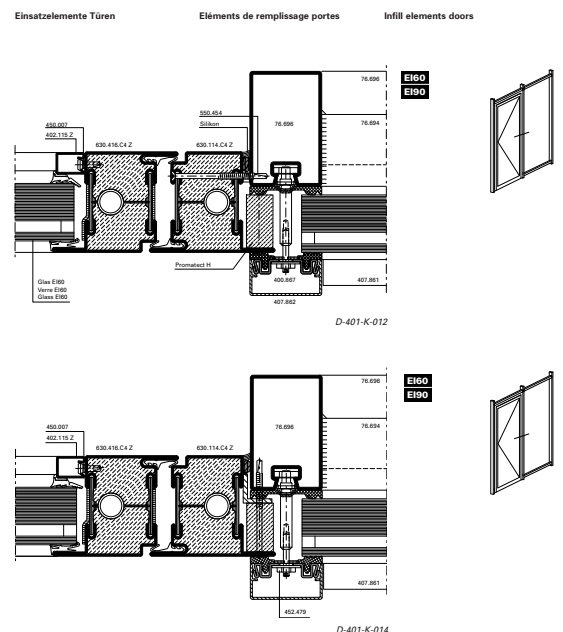
VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV



A-36-58 01/2014 **JANSEN**

Konstruktions-Details im Masstab 1:2  
 Détails de construction à l'échelle 1:2  
 Construction details on scale 1:2

VISS Fire TV  
 VISS Fire TV  
 VISS Fire TV

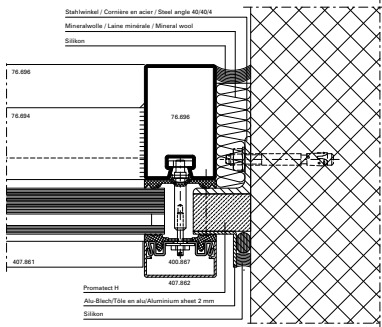


**JANSEN** 01/2014 A-36-59



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

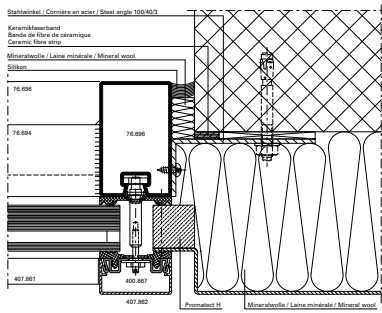
VISS Fire TV  
VISS Fire TV  
VISS Fire TV



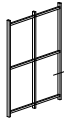
E130  
E160  
E190



D-401-A-001



E130  
E160  
E190



D-401-A-002

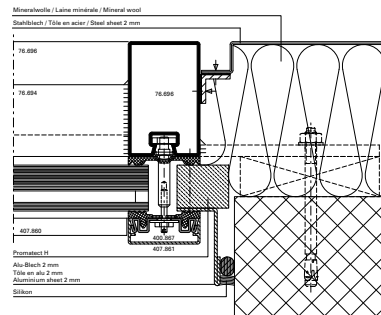
JANSEN

01/2014

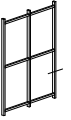
51-61

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

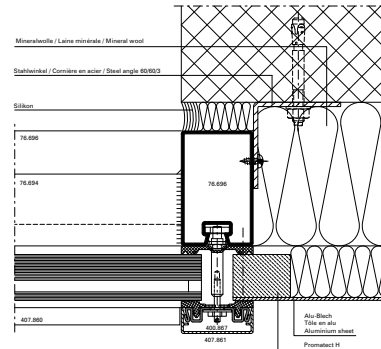
VISS Fire TV  
VISS Fire TV  
VISS Fire TV



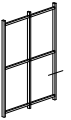
E130  
E160  
E190



D-401-A-005



E130  
E160  
E190



D-401-A-006

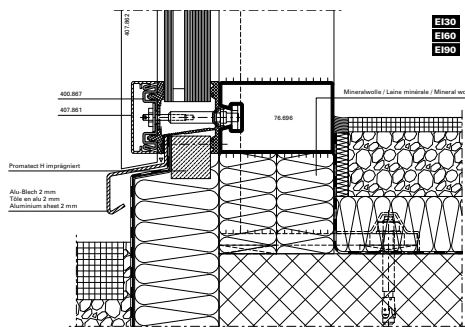
JANSEN

01/2014

51-63

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

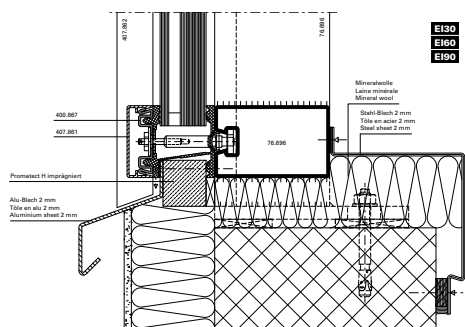
VISS Fire TV  
VISS Fire TV  
VISS Fire TV



E130  
E160  
E190



D-401-A-007



E130  
E160  
E190



D-401-A-008

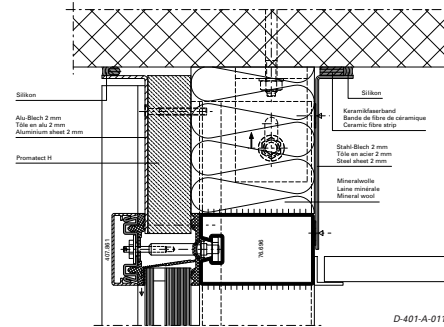
51-64

01/2014

JANSEN

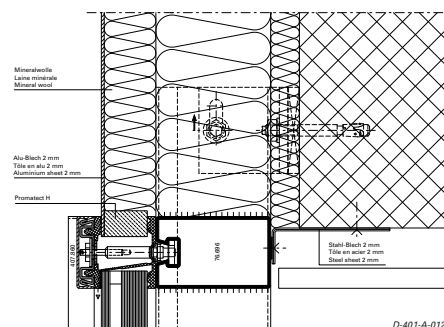
Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

VISS Fire TV  
VISS Fire TV  
VISS Fire TV



E130  
E160  
E190

D-401-A-011



E130  
E160  
E190

D-401-A-012

51-66

01/2014

JANSEN

# VISS Fire TVS (Klasse E)

## VISS Fire TVS (classe E)

### VISS Fire TVS (class E)

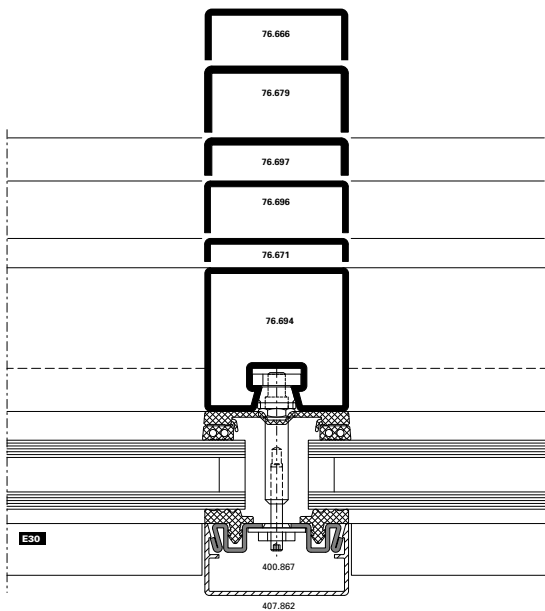
Schnittpunkte im Masstab 1:1  
Coupe de détails à l'échelle 1:1  
Section details on scale 1:1

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

Posten-Detail

Détail du montant

Detail of mullion



A-36-76

01/2014

**JANSEN**

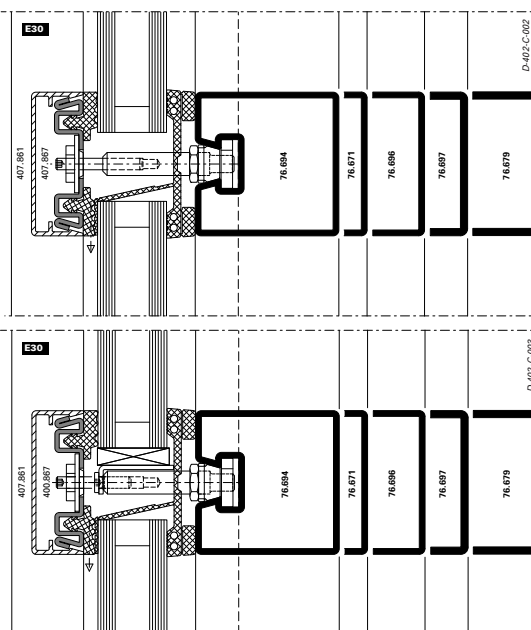
Schnittpunkte im Masstab 1:1  
Coupe de détails à l'échelle 1:1  
Section details on scale 1:1

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

Riegel-Detail

Détail de la traverse

Detail of transom



**JANSEN**

01/2014

A-36-77

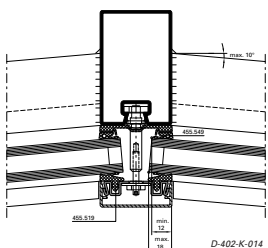
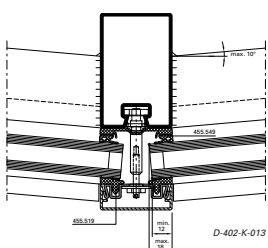
Konstruktions-Details im Masstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

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

Segment-Pfosten

Montant segment

Segmented mullion



**JANSEN**

01/2014

A-36-83

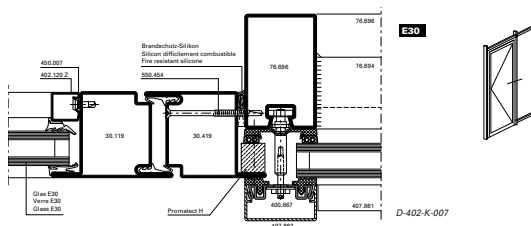
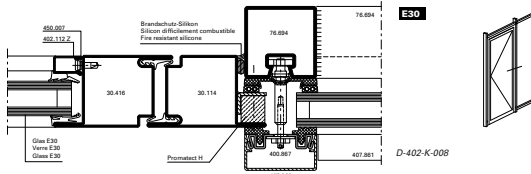
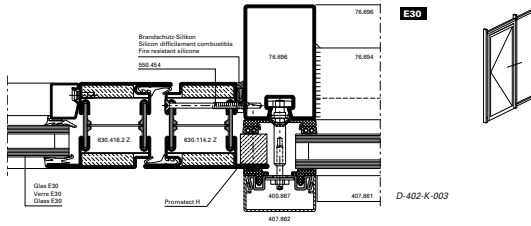
Konstruktions-Details im Masstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

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

Einsatzelemente Türen

Éléments de remplissage portes

Infill elements doors



A-36-84

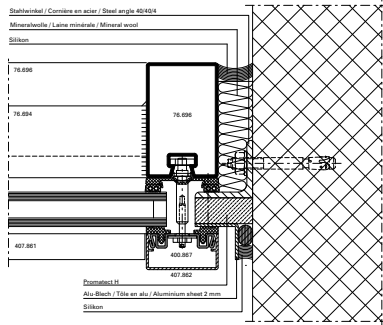
01/2014

**JANSEN**

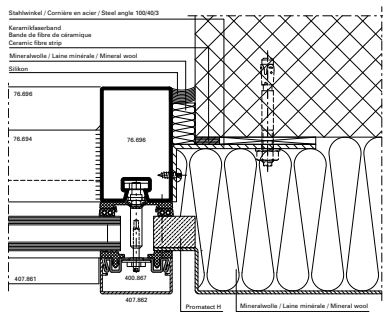


Anschlüsse am Bau im Massstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

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



D-402-A-001



D-402-A-002

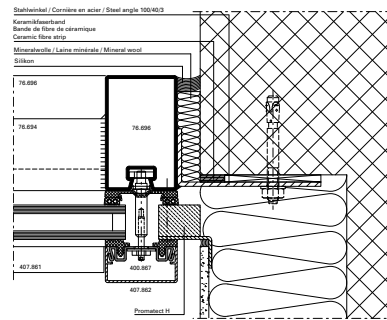
A-36-86

01/2014

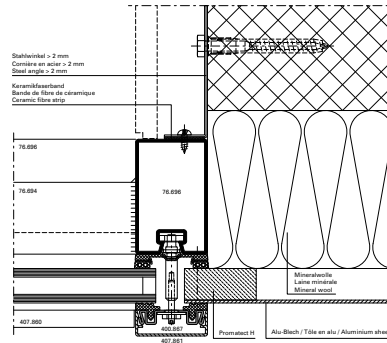
**JANSEN**

Anschlüsse am Bau im Massstab 1:2  
Raccords 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)



D-402-A-003



D-402-A-004

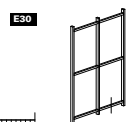
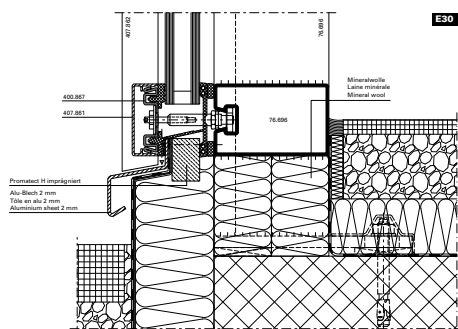
**JANSEN**

01/2014

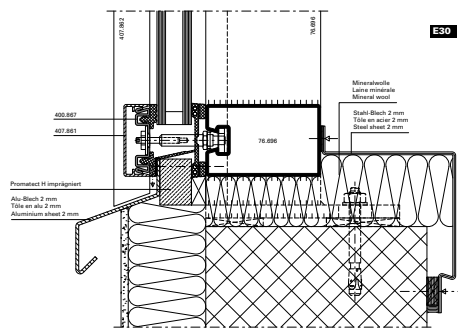
A-36-87

Anschlüsse am Bau im Massstab 1:2  
Raccords 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)



D-402-A-007



D-402-A-008

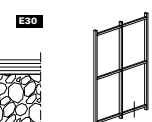
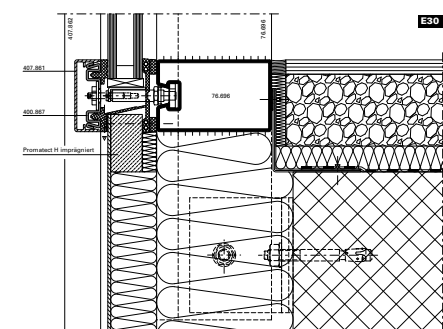
**JANSEN**

01/2014

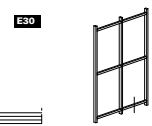
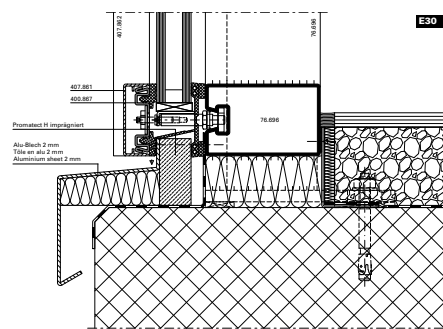
A-36-89

Anschlüsse am Bau im Massstab 1:2  
Raccords 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)



D-402-A-009



D-402-A-010

A-36-90

01/2014

**JANSEN**

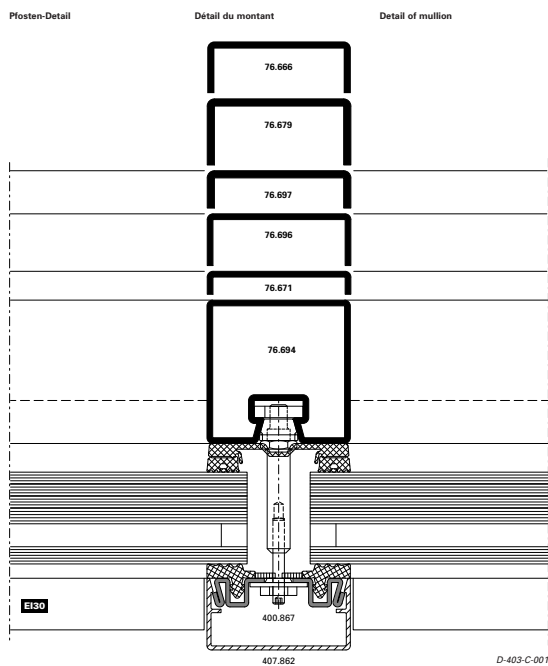
# VISS Fire TVS (Klasse EI)

## VISS Fire TVS (classe EI)

### VISS Fire TVS (class EI)

Schnittpunkte im Masstab 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)

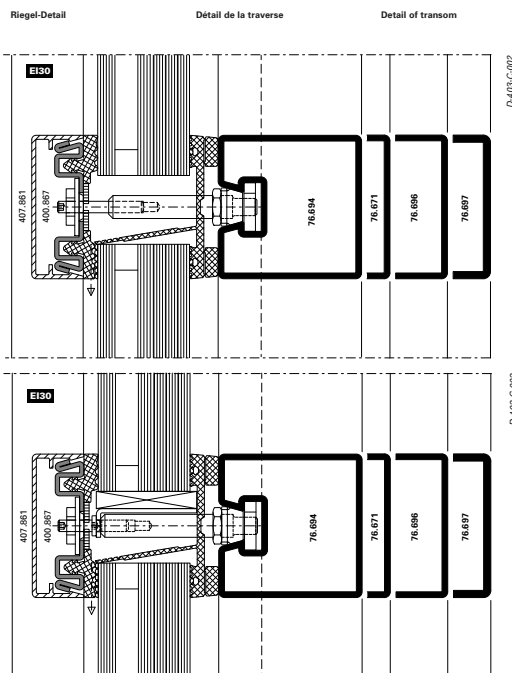


A-36-98 01/2014

**JANSEN**

Schnittpunkte im Masstab 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)

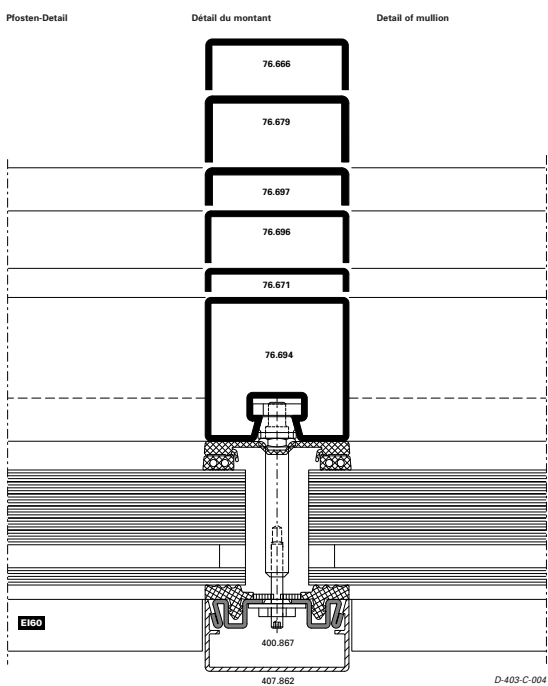


**JANSEN**

01/2014 A-36-99

Schnittpunkte im Masstab 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)

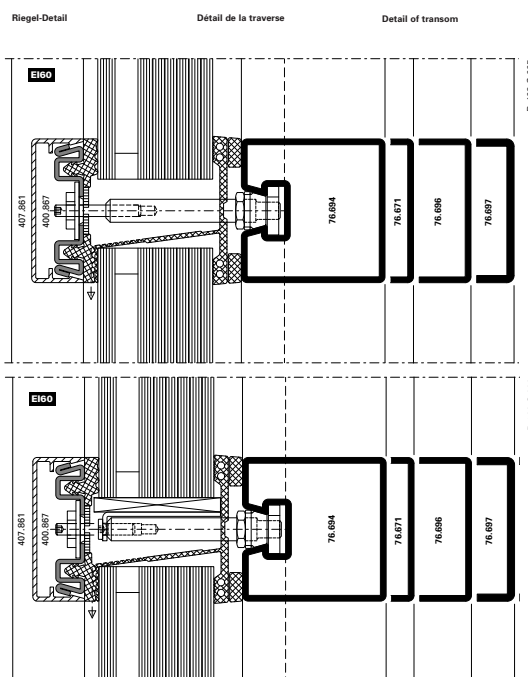


**JANSEN**

01/2014 A-36-101

Schnittpunkte im Masstab 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)



A-36-102 01/2014

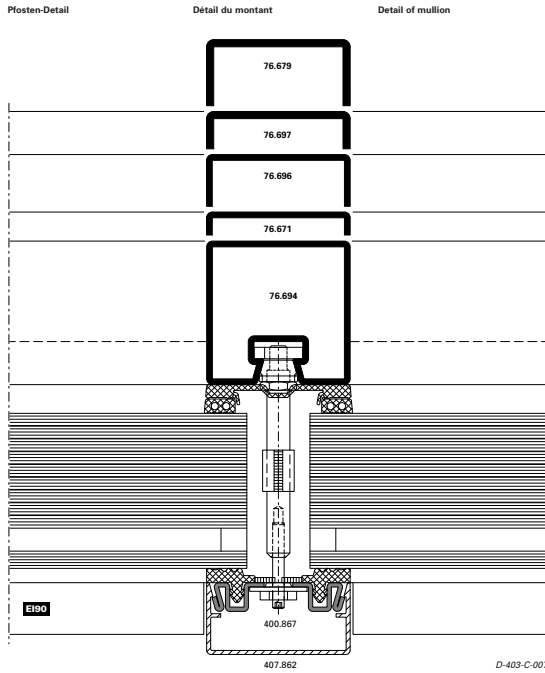
**JANSEN**





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)



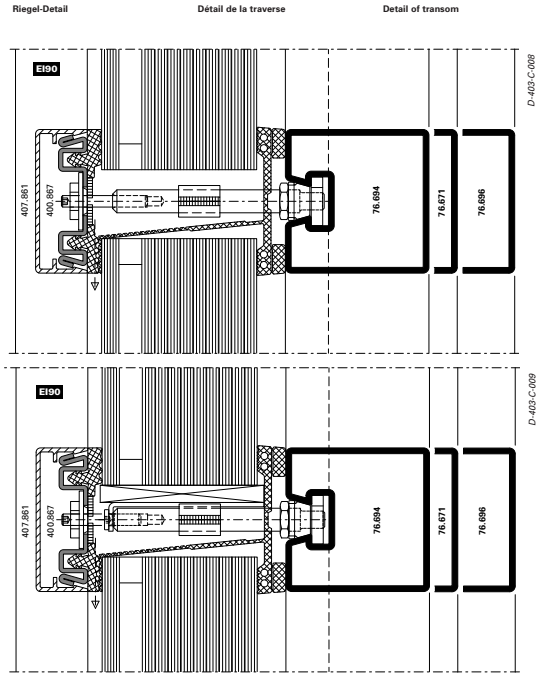
A-36-104

01/2014

JANSEN

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)



JANSEN

01/2014

A-36-105

Auf diesen Seiten zeigen wir lediglich eine Übersicht der technischen Details. Weitere Informationen finden Sie unter [jansen.com/architektur-katalog](http://jansen.com/architektur-katalog)

Nous ne montrons qu'un aperçu des détails techniques sur cette page. De plus amples informations sont données sur le site [jansen.com/catalogue-architecture](http://jansen.com/catalogue-architecture)

These pages only contain an overview of the technical details. For more information, visit [jansen.com/architecture-catalogue](http://jansen.com/architecture-catalogue)

# VISS Fire TVS (Klasse EI)

## VISS Fire TVS (classe EI)

### VISS Fire TVS (class EI)

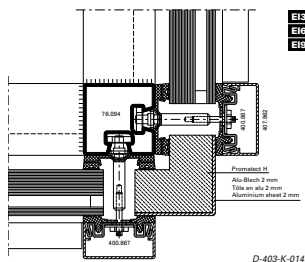
Konstruktions-Details im Masstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

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

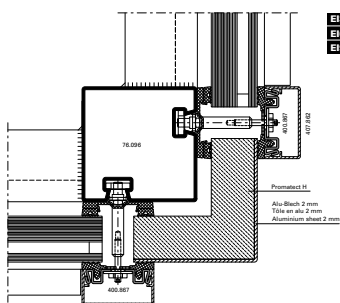
Eckausbildung 90°

Formation d'angle 90°

90° corner construction



D-403-K-014



D-403-K-015

A-36-108 01/2014

**JANSEN**

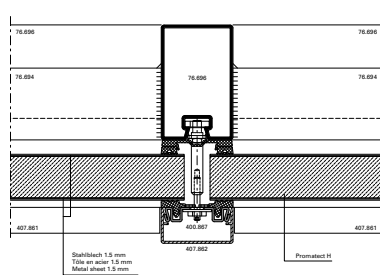
Konstruktions-Details im Masstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

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

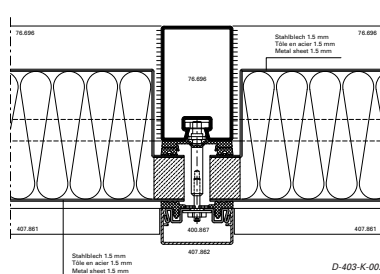
Panel-Ausbildungen

Agencements de panneau

Panel designs



D-403-K-001



D-403-K-002

A-36-112 01/2014

**JANSEN**

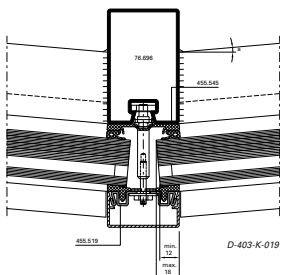
Konstruktions-Details im Masstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

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

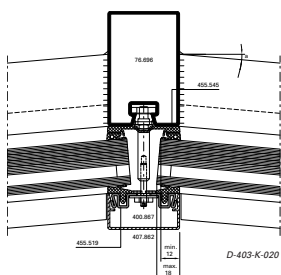
Segment-Pfosten

Montant segment

Segmented mullion



D-403-K-019



D-403-K-020

**JANSEN**

01/2014 A-36-113

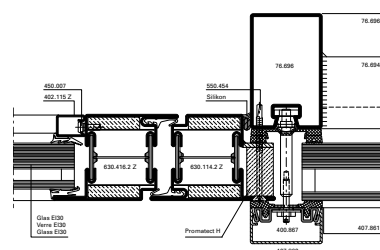
Konstruktions-Details im Masstab 1:2  
Détails de construction à l'échelle 1:2  
Construction details on scale 1:2

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

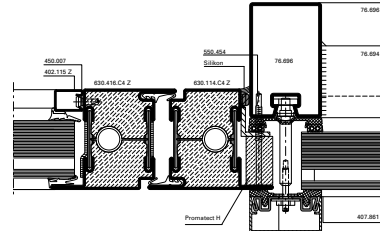
Einsatzelemente Türen

Éléments de remplissage portes

Infill elements doors



D-403-K-012



D-403-K-013

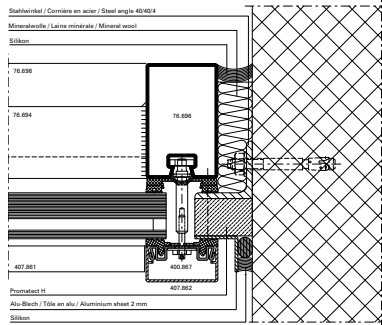
A-36-114 01/2014

**JANSEN**

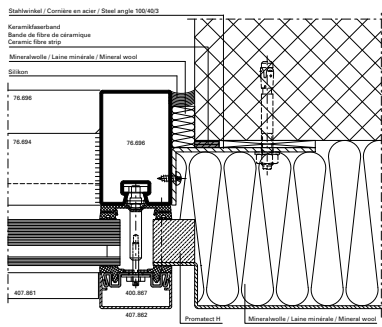


Anschlüsse am Bau im Masstab 1:2  
Raccords au mur à l'échelle 1:2  
Attachment to structure on scale 1:2

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



D-403-A-001



D-403-A-002

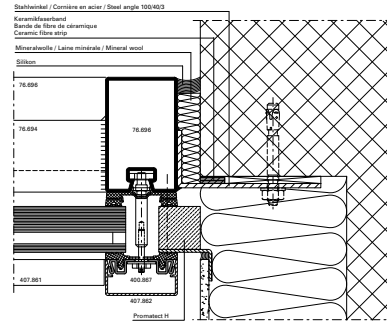
A-36-116

01/2014

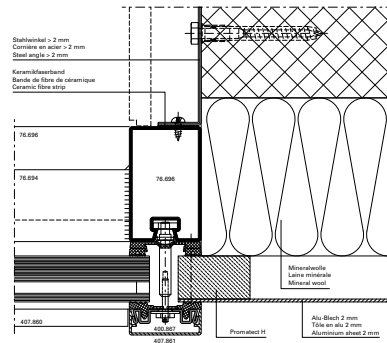
**JANSEN**

Anschlüsse am Bau im Masstab 1:2  
Raccords 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)



D-403-A-003



D-403-A-004

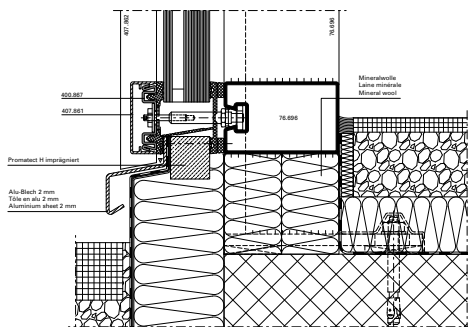
**JANSEN**

01/2014

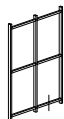
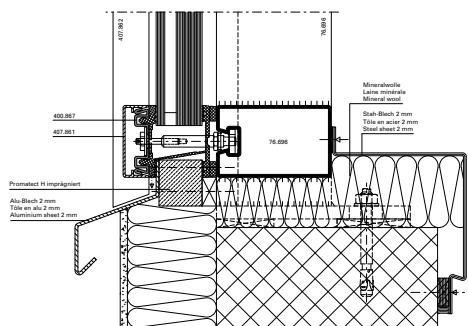
A-36-117

Anschlüsse am Bau im Masstab 1:2  
Raccords 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)



D-403-A-007



D-403-A-008

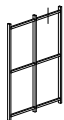
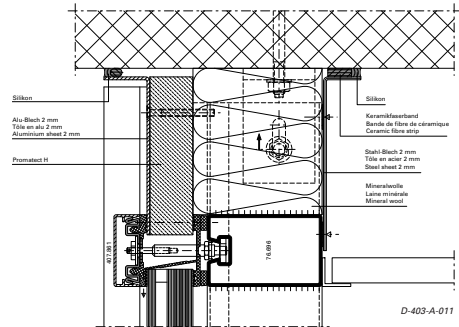
**JANSEN**

01/2014

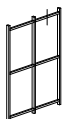
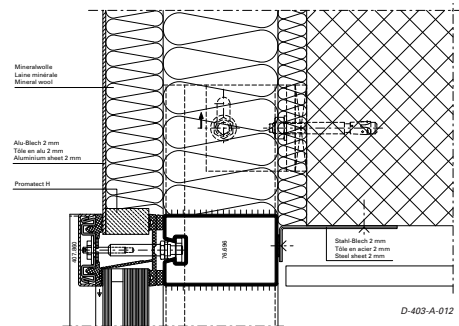
A-36-119

Anschlüsse am Bau im Masstab 1:2  
Raccords 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)



D-403-A-011



D-403-A-012

**JANSEN**

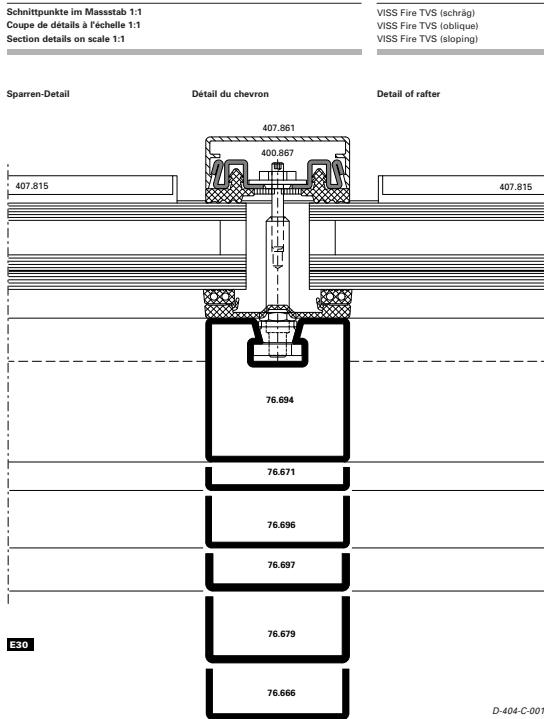
01/2014

A-36-121

# VISS Fire TVS (schräg) Klasse E / EI

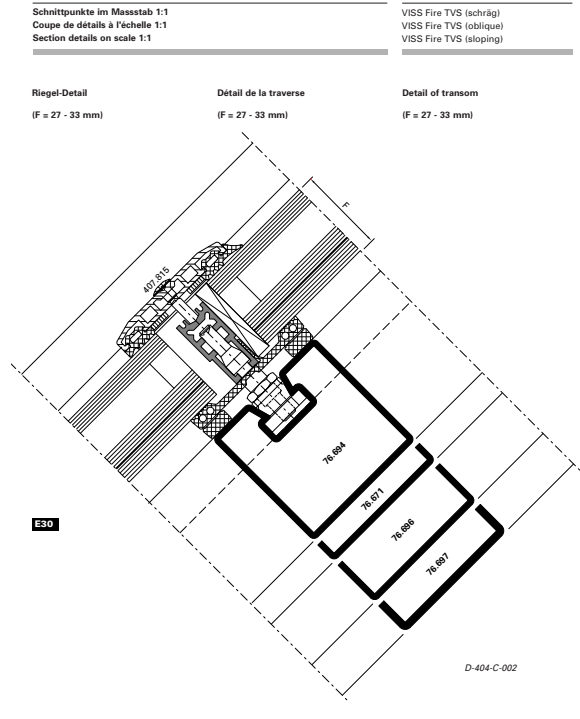
## VISS Fire TVS (oblique) classe E / EI

### VISS Fire TVS (sloping) class E / EI



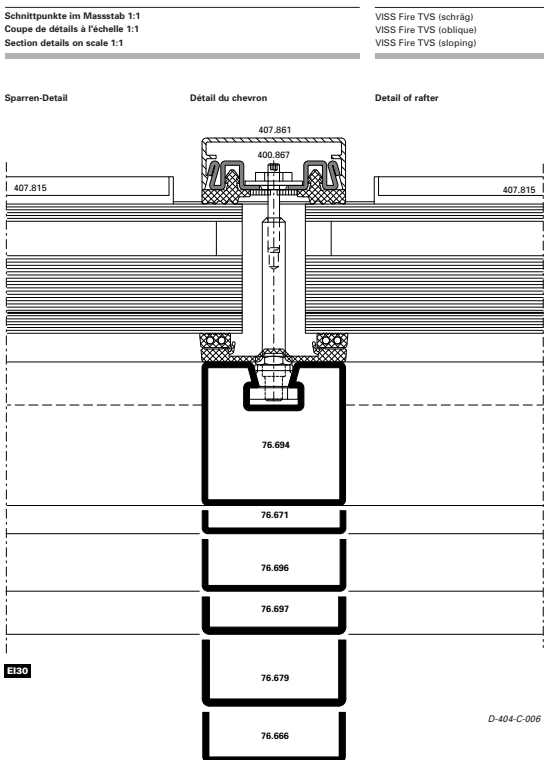
A-36-132      01/2014

**JANSEN**



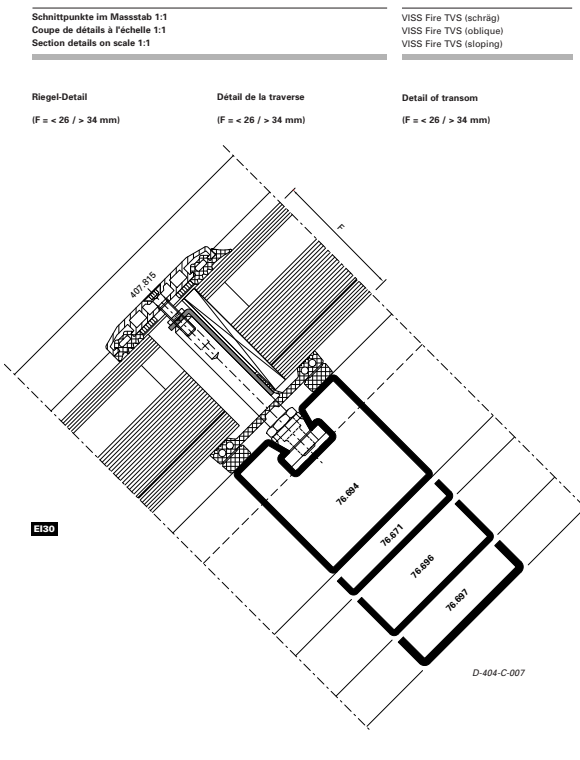
**JANSEN**

01/2014      A-36-133



A-36-135      01/2014

**JANSEN**



**JANSEN**

01/2014      A-36-137



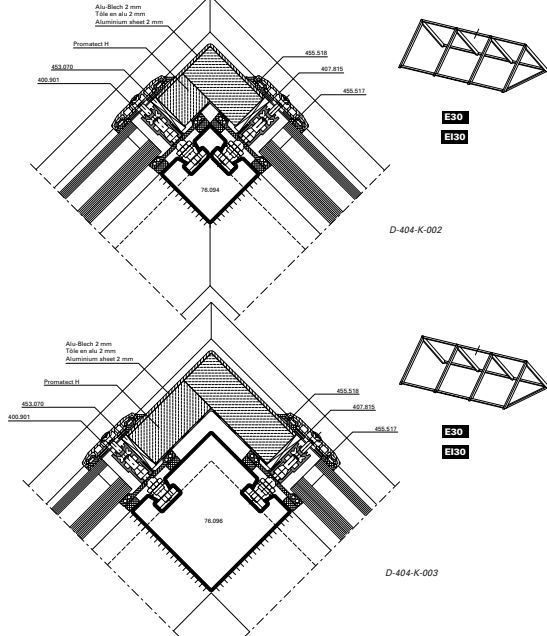
Konstruktions-Details im Masstab 1:2  
 Détails de construction à l'échelle 1:2  
 Construction details on scale 1:2

VISS Fire TVS (schräg)  
 VISS Fire TVS (oblique)  
 VISS Fire TVS (sloping)

First-Detail 90°  
 Giebel-Verglasung 50 mm

Détail du faite 90°  
 Vitrage de pignon 50 mm

Ridge detail 90°  
 Gable glazing 50 mm



A-36-138

01/2014

JANSEN

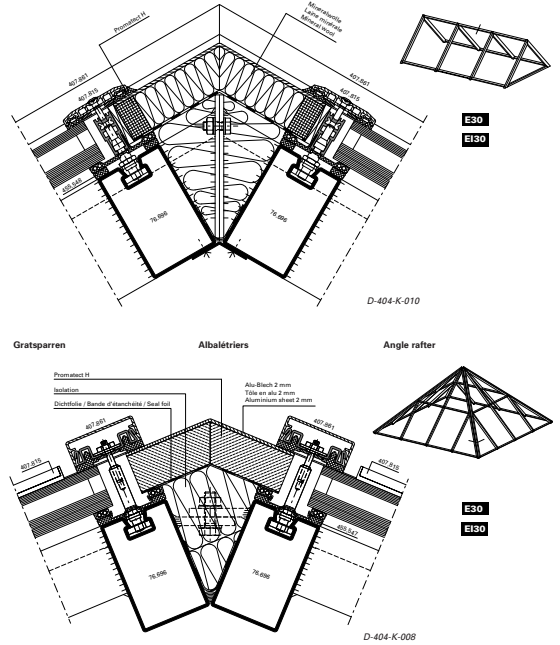
Konstruktions-Details im Masstab 1:2  
 Détails de construction à l'échelle 1:2  
 Construction details on scale 1:2

VISS Fire TVS (schräg)  
 VISS Fire TVS (oblique)  
 VISS Fire TVS (sloping)

Firstdetail variabel

Détail du faite variable

Ridge detail variable



JANSEN

01/2014

A-36-139

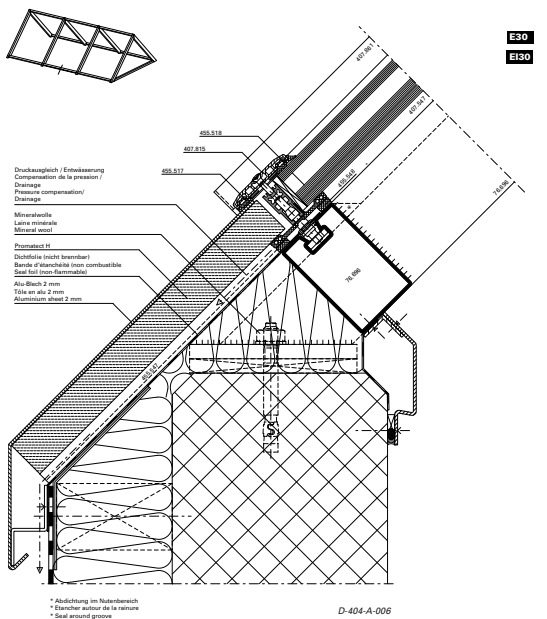
Anschlüsse am Bau im Masstab 1:2  
 Raccords au mur à l'échelle 1:2  
 Attachment to structure on scale 1:2

VISS Fire TVS (schräg)  
 VISS Fire TVS (oblique)  
 VISS Fire TVS (sloping)

Traufpunkt-Detail

Détail du larmier

Detail of eave



JANSEN

01/2014

A-36-147

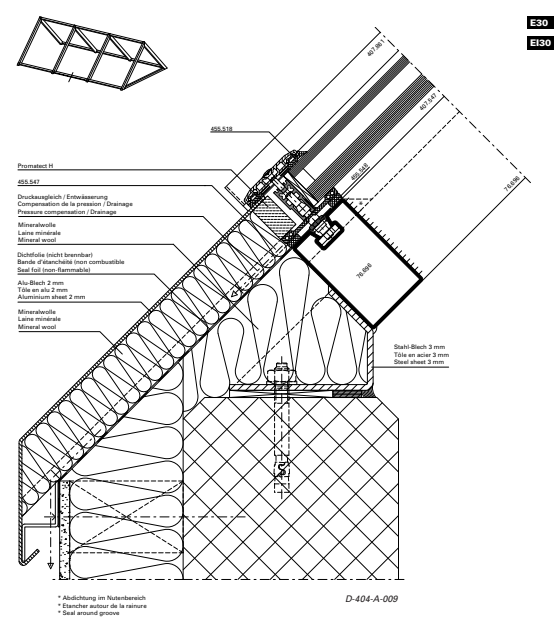
Anschlüsse am Bau im Masstab 1:2  
 Raccords au mur à l'échelle 1:2  
 Attachment to structure on scale 1:2

VISS Fire TVS (schräg)  
 VISS Fire TVS (oblique)  
 VISS Fire TVS (sloping)

Traufpunkt-Detail

Détail du larmier

Detail of eave

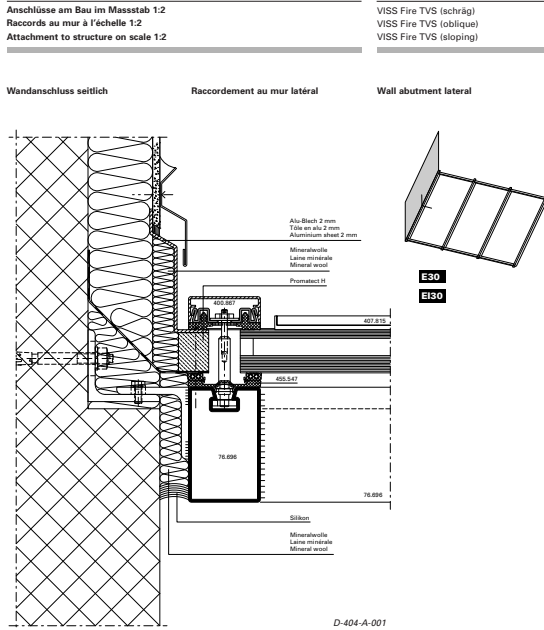


A-36-148

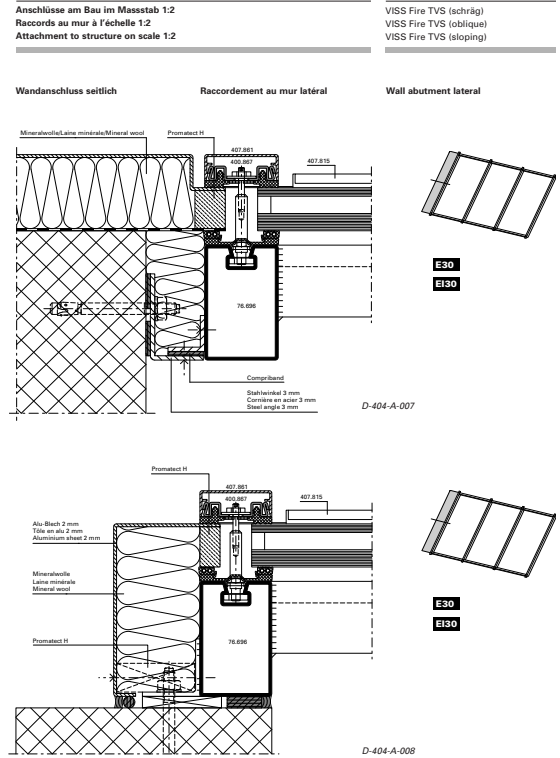
01/2014

JANSEN

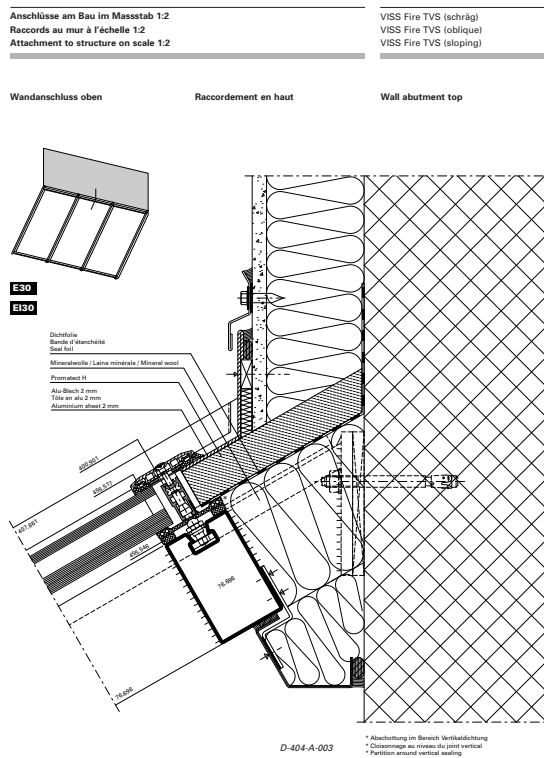
# VISS Fire TVS (schräg) Klasse E / EI VISS Fire TVS (oblique) classe E / EI VISS Fire TVS (sloping) class E / EI



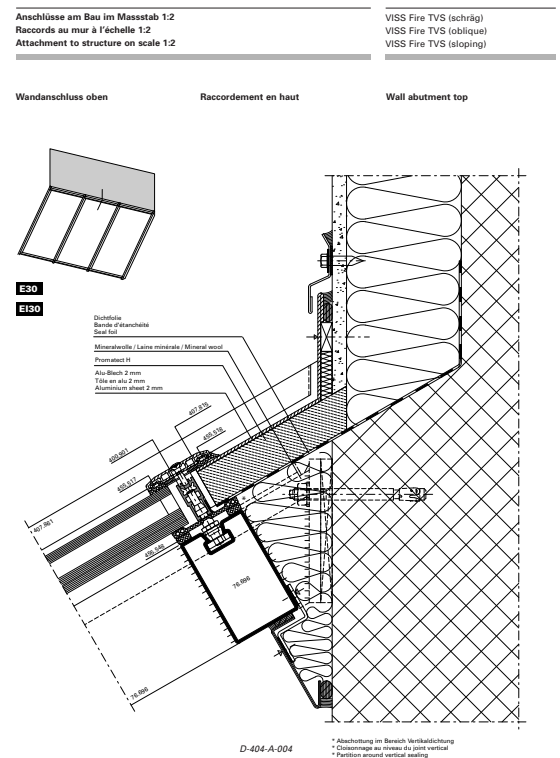
A-36-150      01/2014      **JANSEN**



**JANSEN**      01/2014      A-36-151



A-36-152      01/2014      **JANSEN**

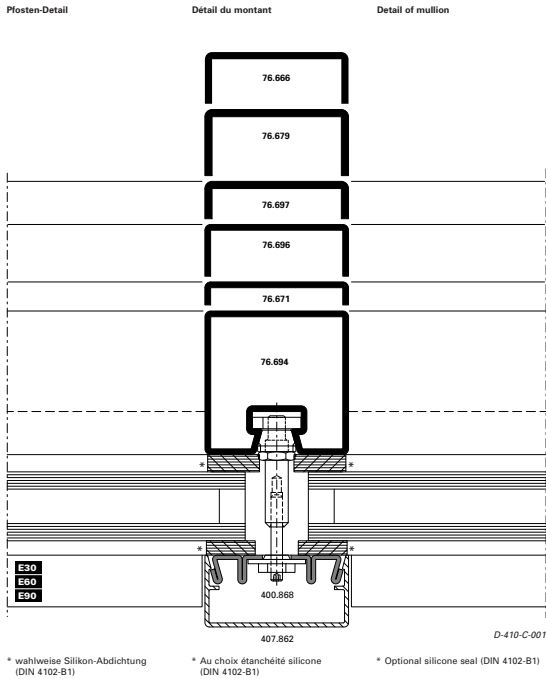


**JANSEN**      01/2014      A-36-153

VISS Fire DV (Klasse E / EI)  
 VISS Fire DV (classe E / EI)  
 VISS Fire DV (class E / EI)

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

VISS Fire DV  
 VISS Fire DV  
 VISS Fire DV

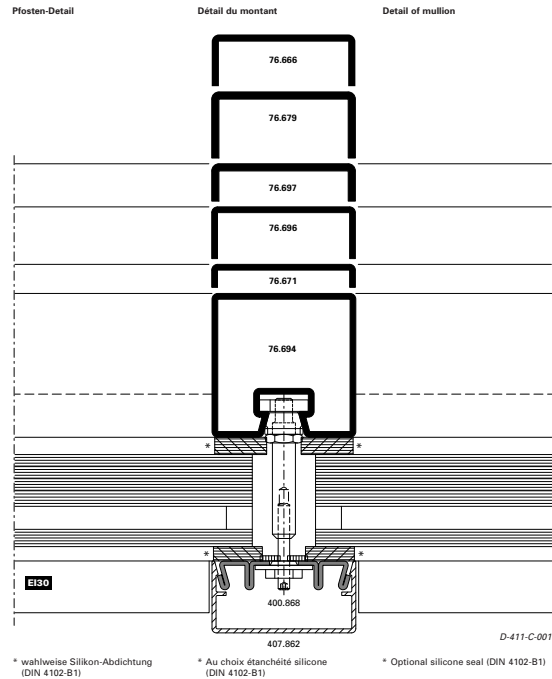


\* wahlweise Silikon-Abdichtung (DIN 4102-B1)      \* Au choix étanchéité silicone (DIN 4102-B1)      \* Optional silicone seal (DIN 4102-B1)

A-36-156      01/2014      **JANSEN**

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

VISS Fire DV  
 VISS Fire DV  
 VISS Fire DV

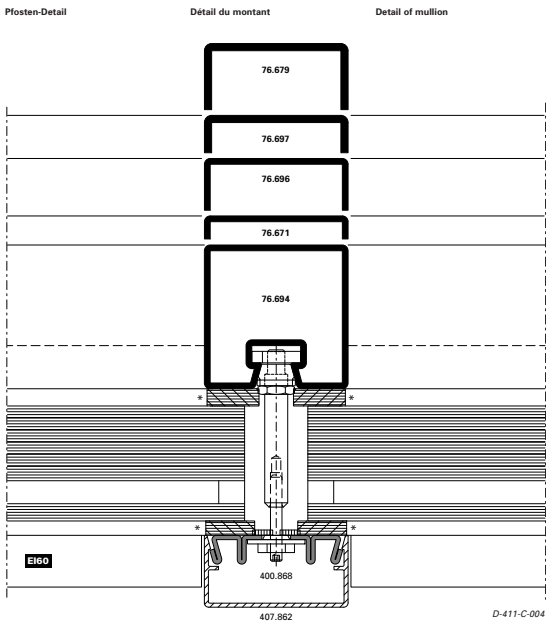


\* wahlweise Silikon-Abdichtung (DIN 4102-B1)      \* Au choix étanchéité silicone (DIN 4102-B1)      \* Optional silicone seal (DIN 4102-B1)

A-36-162      01/2014      **JANSEN**

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

VISS Fire DV  
 VISS Fire DV  
 VISS Fire DV

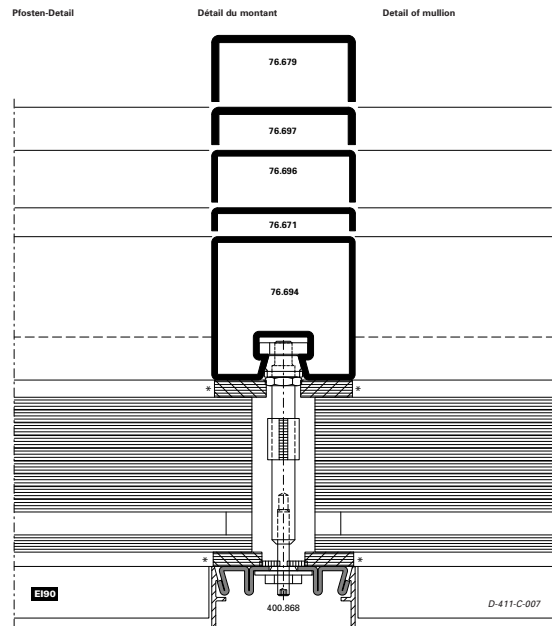


\* wahlweise Silikon-Abdichtung (DIN 4102-B1)      \* Au choix étanchéité silicone (DIN 4102-B1)      \* Optional silicone seal (DIN 4102-B1)

**JANSEN**      01/2014      A-36-165

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

VISS Fire DV  
 VISS Fire DV  
 VISS Fire DV



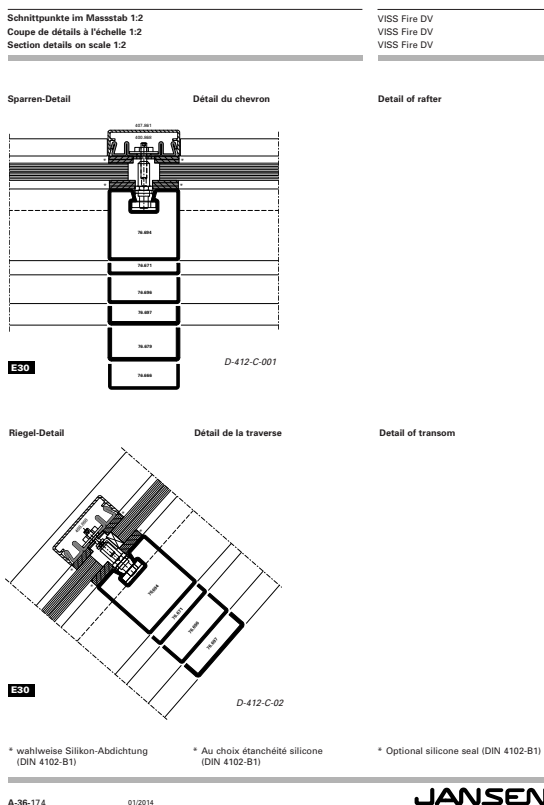
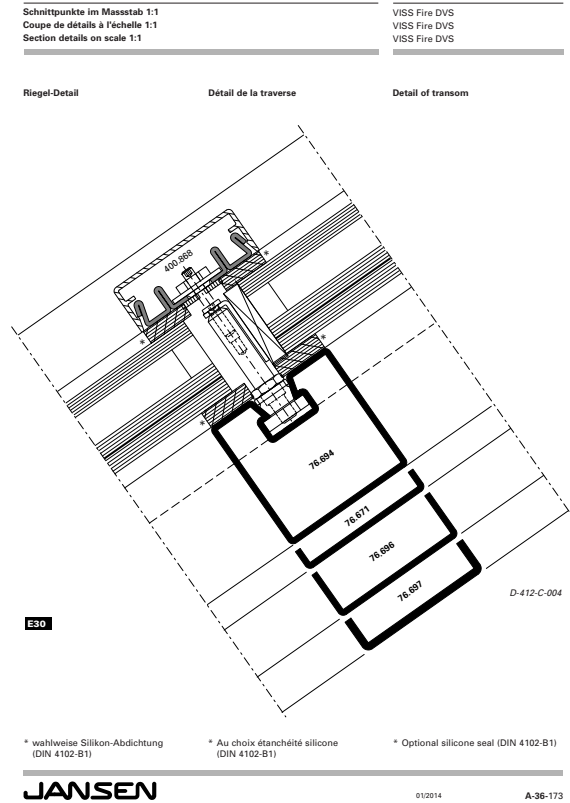
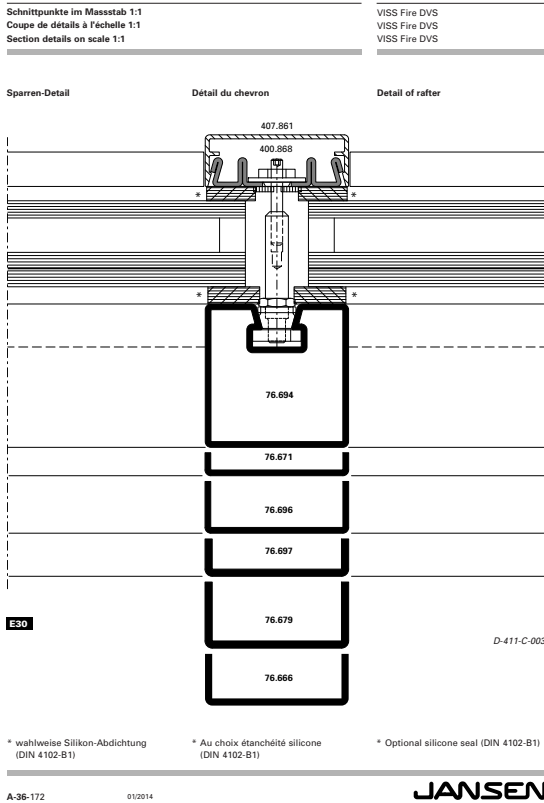
\* wahlweise Silikon-Abdichtung (DIN 4102-B1)      \* Au choix étanchéité silicone (DIN 4102-B1)      \* Optional silicone seal (DIN 4102-B1)

A-36-168      01/2014      **JANSEN**

# VISS Fire DVS (Klasse E30 / EI30)

## VISS Fire DVS (classe E30 / EI30)

### VISS Fire DVS (class E30 / EI30)



Auf diesen Seiten zeigen wir lediglich eine Übersicht der technischen Details. Weitere Informationen finden Sie unter [jansen.com/architektur-katalog](http://jansen.com/architektur-katalog)

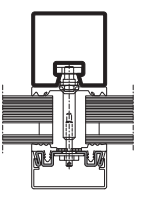
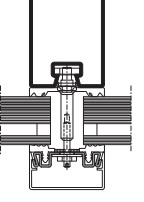
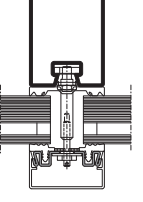
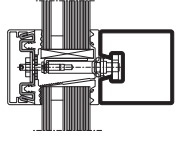
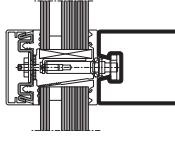
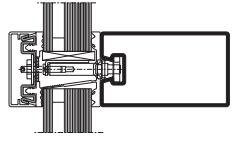
Nous ne montrons qu'un aperçu des détails techniques sur cette page. De plus amples informations sont données sur le site [jansen.com/catalogue-architecture](http://jansen.com/catalogue-architecture)

These pages only contain an overview of the technical details. For more information, visit [jansen.com/architecture-catalogue](http://jansen.com/architecture-catalogue)

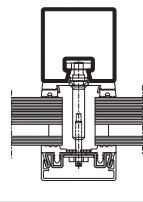
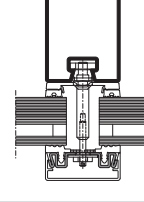
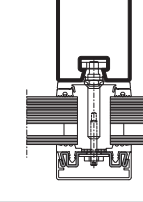
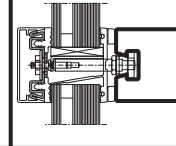
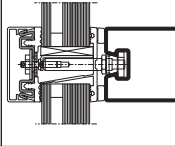
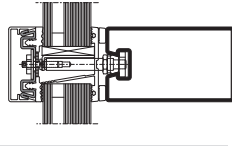


U<sub>f</sub> Werte nach EN 10077-2  
 Valeurs U<sub>f</sub> selon EN 10077-2  
 U<sub>f</sub> values according to 10077-2

**VISS Fire TV**

						
<b>Glas</b> <b>Verre</b> <b>Glass</b>	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	<b>2,1 W/m<sup>2</sup>K</b>	<b>2,2 W/m<sup>2</sup>K</b>	<b>2,2 W/m<sup>2</sup>K</b>	<b>2,3 W/m<sup>2</sup>K</b>	<b>2,4 W/m<sup>2</sup>K</b>	<b>2,4 W/m<sup>2</sup>K</b>
15 mm	<b>1,9 W/m<sup>2</sup>K</b>	<b>2,0 W/m<sup>2</sup>K</b>	<b>2,0 W/m<sup>2</sup>K</b>	<b>2,0 W/m<sup>2</sup>K</b>	<b>2,1 W/m<sup>2</sup>K</b>	<b>2,2 W/m<sup>2</sup>K</b>
20 mm	<b>1,8 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>	<b>2,0 W/m<sup>2</sup>K</b>
25 mm	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>
30 mm	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>
35 mm	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>
40 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>
45 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>
50 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>
55 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>
70 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>

**VISS Fire TVS**

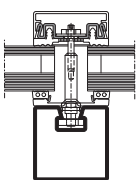
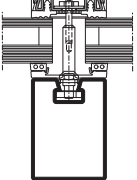
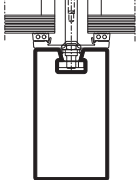
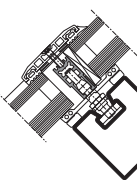
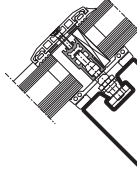
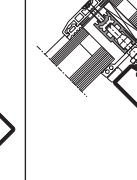
						
<b>Glas</b> <b>Verre</b> <b>Glass</b>	Pfosten 50/50 Montant 50/50 Mullion 50/50	Pfosten 50/95 Montant 50/95 Mullion 50/95	Pfosten 50/140 Montant 50/140 Mullion 50/140	Riegel 50/50 Traverse 50/50 Transom 50/50	Riegel 50/95 Traverse 50/95 Transom 50/95	Riegel 50/140 Traverse 50/140 Transom 50/140
10 mm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

U<sub>f</sub> Werte nach EN 10077-2  
 Valeurs U<sub>f</sub> selon EN 10077-2  
 U<sub>f</sub> values according to 10077-2

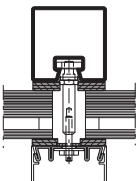
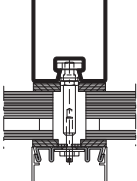
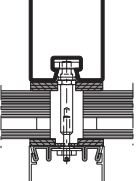
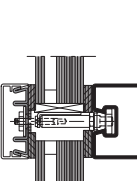
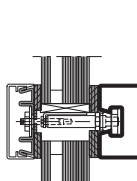
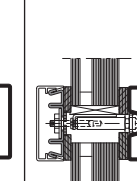
VISS Fire TVS (schräg)

VISS Fire TVS (oblique)

VISS Fire TVS (sloping)

						
<b>Glas</b>	Sparren 50/50	Sparren 50/95	Sparren 50/140	Riegel 50/50	Riegel 50/95	Riegel 50/140
<b>Verre</b>	Chevron 50/50	Chevron 50/95	Chevron 50/140	Traverse 50/50	Traverse 50/95	Traverse 50/140
<b>Glass</b>	Rafter 50/50	Rafter 50/95	Rafter 50/140	Transom 50/50	Transom 60/95	Transom 50/140
20 mm	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>	<b>1,8 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>	<b>1,9 W/m<sup>2</sup>K</b>
25 mm	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>1,7 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>
30 mm	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>3,3 W/m<sup>2</sup>K</b>	<b>3,4 W/m<sup>2</sup>K</b>	<b>3,4 W/m<sup>2</sup>K</b>
35 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,6 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>
40 mm	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>
45 mm	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>1,5 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>
50 mm	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>
55 mm	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>1,4 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>	<b>3,0 W/m<sup>2</sup>K</b>

VISS Fire DV

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