
System-Übersicht	7.1
Index	
Pfosten / Riegel 50 mm	7.2
Montant / traverse 50 mm	
Pfosten / Riegel 60 mm	7.3
Montant / traverse 60 mm	
Pfosten / Riegel 80 mm	7.4
Montant / traverse 80 mm	
Prüfberichte / Statik / Bauphysik	7.5
Certificats d'essais / Statique / Physique du bâtiment	

Inhaltsverzeichnis

Sommaire

Register 7.1

Registre 7.1

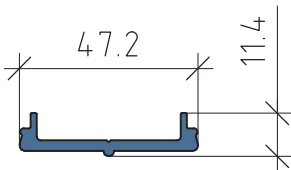
SYSTEMÜBERSICHT	INDEX	
Profile	Profils	
Aluminiumprofile	Gamme des profilés aluminium	4/53 400-010
Aluminiumprofile	Gamme des profilés aluminium	4/53 400-011
Dichtungsprofile	Joints	4/53 400-020
Isolierprofile	Profilé d'isolateure	4/53 400-030
Zubehör	Accessoires	
Zubehör	Accessoires	4/53 400-031A
Zubehör	Accessoires	4/53 400-032
Verglasungstabelle	Directive de vitrage	
Verglasungstabelle	Directive de vitrage	4/53 690-001A

Aluminium Profilübersicht

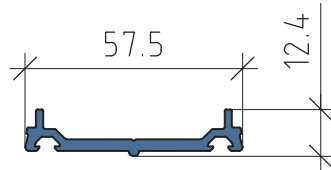
Gamme des profilés aluminium

Pressleiste Profilé de base

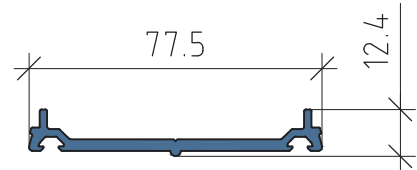
WF501000 (roh, gelocht)



WF601000 (roh, gelocht)

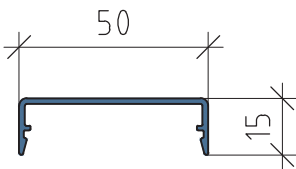


WF801000 (roh, gelocht)

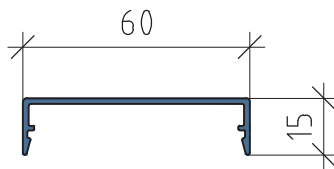


Deckprofile Profilé de couverture

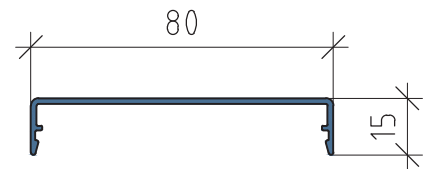
WF501002



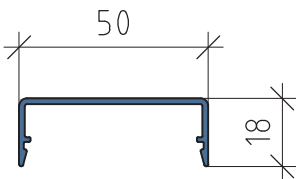
WF601002



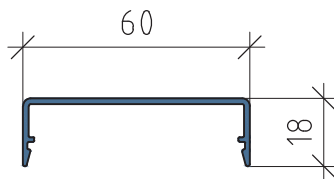
WF801002



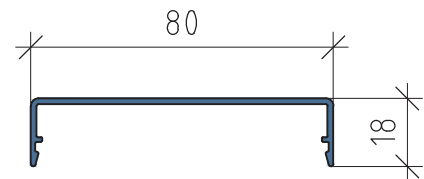
WF501003



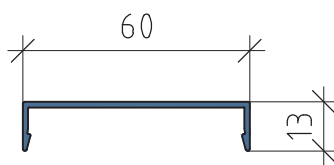
WF601003



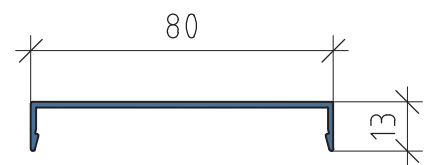
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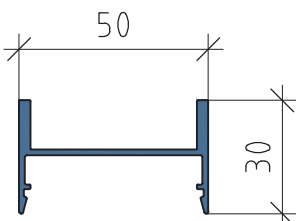
WF601010



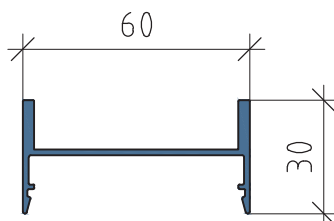
WF801010



WF501005
nicht Lagerhaltig



WF601005
nicht Lagerhaltig



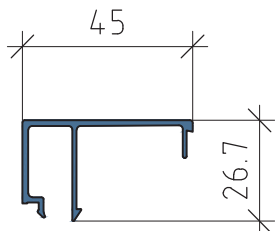
Aluminium Profilübersicht

Gamme des profilés aluminium

Glasleiste

Liste à verre

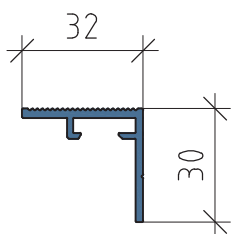
291890



Aufnahmeprofil

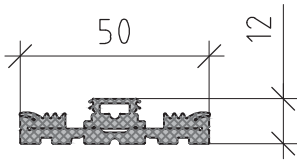
Profil de l'adapteur

291891



Dichtungsprofile

Joints

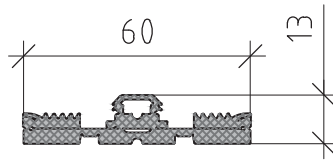


WF502000

Aussendichtung 50 mm

Joint de vitrage extérieure 50 mm

VE = 45 lfm

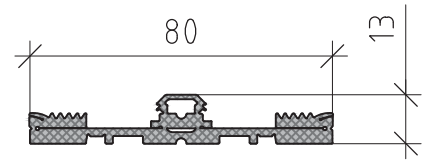


WF602000

Aussendichtung 60 mm

Joint de vitrage extérieure 60 mm

VE = 45 lfm

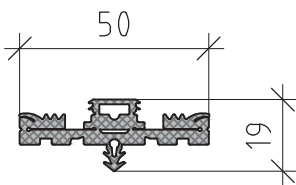


WF802000

Aussendichtung 80 mm

Joint de vitrage extérieure 80 mm

VE = 20 lfm

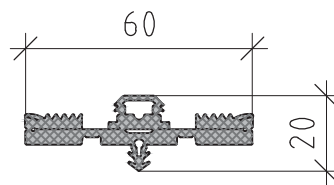


WF502003

Innendichtung 50 mm

Joint de vitrage intérieure 50 mm

VE = 45 lfm

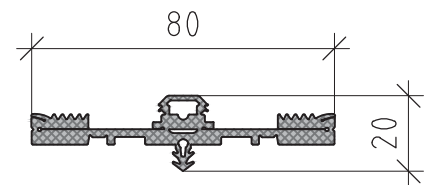


WF602003

Innendichtung 60 mm

Joint de vitrage intérieure 60 mm

VE = 35 lfm

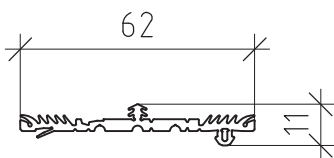


WF802003

Innendichtung 80 mm

Joint de vitrage intérieure 80 mm

VE = 20 lfm



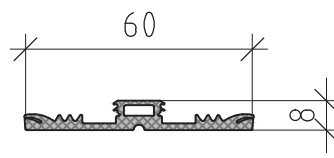
043195

Flachdichtung 3 mm

Joint de vitrage 3 mm

VE = 50 lfm

keine Konfektionierung



WF602001

Flachdichtung 60 mm

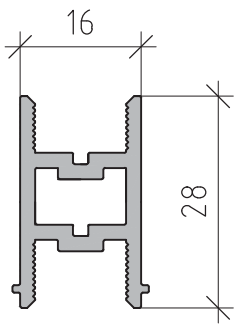
Joint de vitrage 60 mm

VE = 40 lfm

keine Konfektionierung

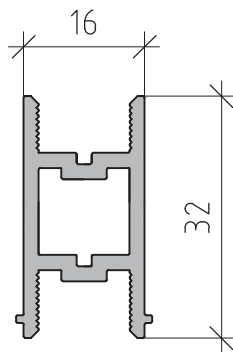
Isolierprofile

Profilé d'isolateure



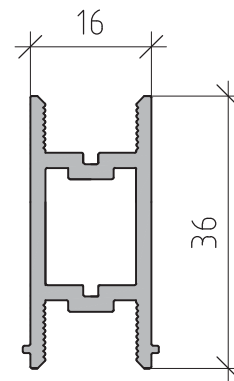
WF003024

Isolator 28 mm zu Glas 24 mm
Isolateure 28 mm de verre 24 mm
Stangenlänge: 6'000 mm
VE = 10 Stangen



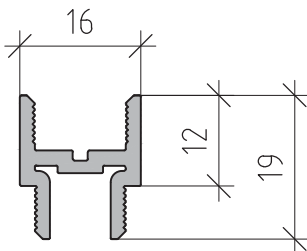
WF003028

Isolator 32 mm zu Glas 28 mm
Isolateure 32 mm de verre 28 mm
Stangenlänge: 6'000 mm
VE = 10 Stangen



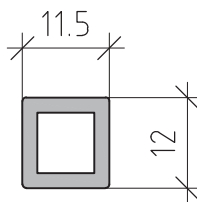
WF003032

Isolator 36 mm zu Glas 32 mm
Isolateure 36 mm de verre 32 mm
Stangenlänge: 6'000 mm
VE = 10 Stangen



WF003002

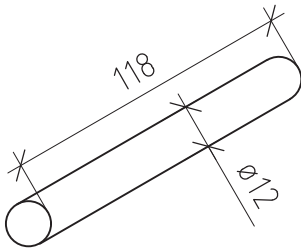
Verlängerung 12 mm
Extension d'isolateure 12 mm
Stangenlänge: 6'000 mm
VE = 10 Stangen



WF003003

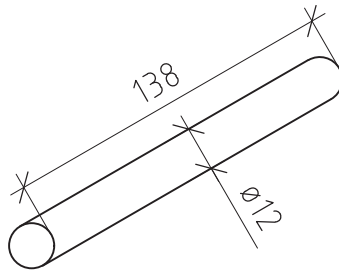
Adapter zu Isolatoren
Adaptateure d'isolateure
Stangenlänge: 6'000 mm
VE = 10 Stangen

Zubehör Accessoires



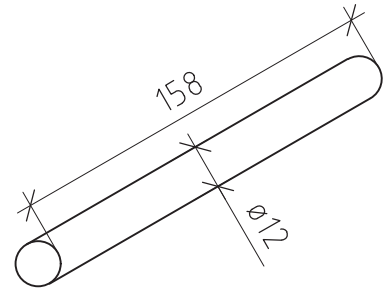
WF003011

Glasträgerbolzen 12 x 118 mm
Support de vitrage 12 x 118 mm
VE = 100 Stk.



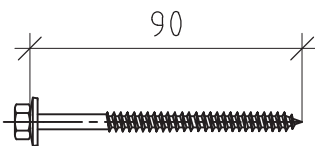
WF003013

Glasträgerbolzen 12 x 138 mm
Support de vitrage 12 x 138 mm
VE = 50 Stk.



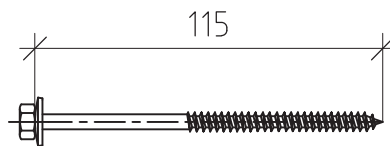
WF003015

Glasträgerbolzen 12 x 158 mm
Support de vitrage 12 x 158 mm
VE = 50 Stk.



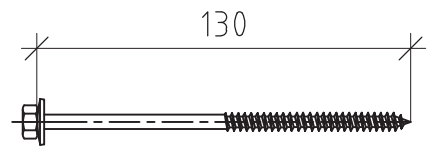
WF060090

Schraube mit Dichtscheibe 6,5 x 90 mm
Vis avec rondelle 6,5 x 90 mm
VE = 100 Stk.



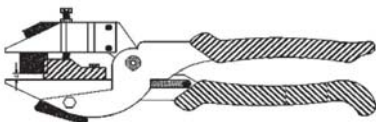
WF060115

Schraube mit Dichtscheibe 6,5 x 115 mm
Vis avec rondelle 6,5 x 115 mm
VE = 100 Stk.



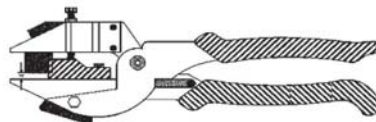
WF060130

Schraube mit Dichtscheibe 6,5 x 130 mm
Vis avec rondelle 6,5 x 130 mm
VE = 100 Stk.



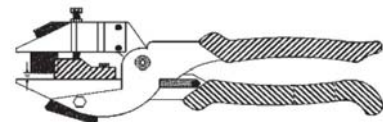
WF 503060

Ausklingschere zu System 50 mm
Ciseaux pour joint de système 50 mm
VE = 1 Stk.



WF 603060

Ausklingschere zu System 60 mm
Ciseaux pour joint de système 60 mm
VE = 1 Stk.

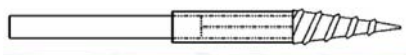


WF 803060

Ausklingschere zu System 80 mm
Ciseaux pour joint de système 80 mm
VE = 1 Stk.

Zubehör

Accessoires

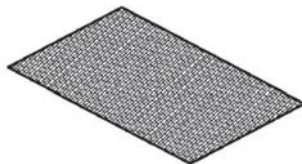


WF003021

Spiralstufenbohrer

Foret hélicoïdal étagé

VE = 1 Stk.

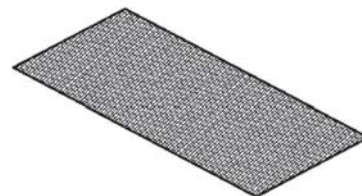


WF 603007

Dichtplatte Kunststoff 55 x 45 mm

Plaque d'étanchéité plastique 55 x 45 mm

VE = 100 Stk.

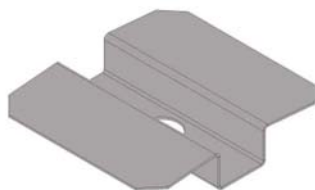


WF 803008

Dichtplatte Kunststoff 75 x 45 mm

Plaque d'étanchéité plastique 75 x 45 mm

VE = 100 Stk.



240743

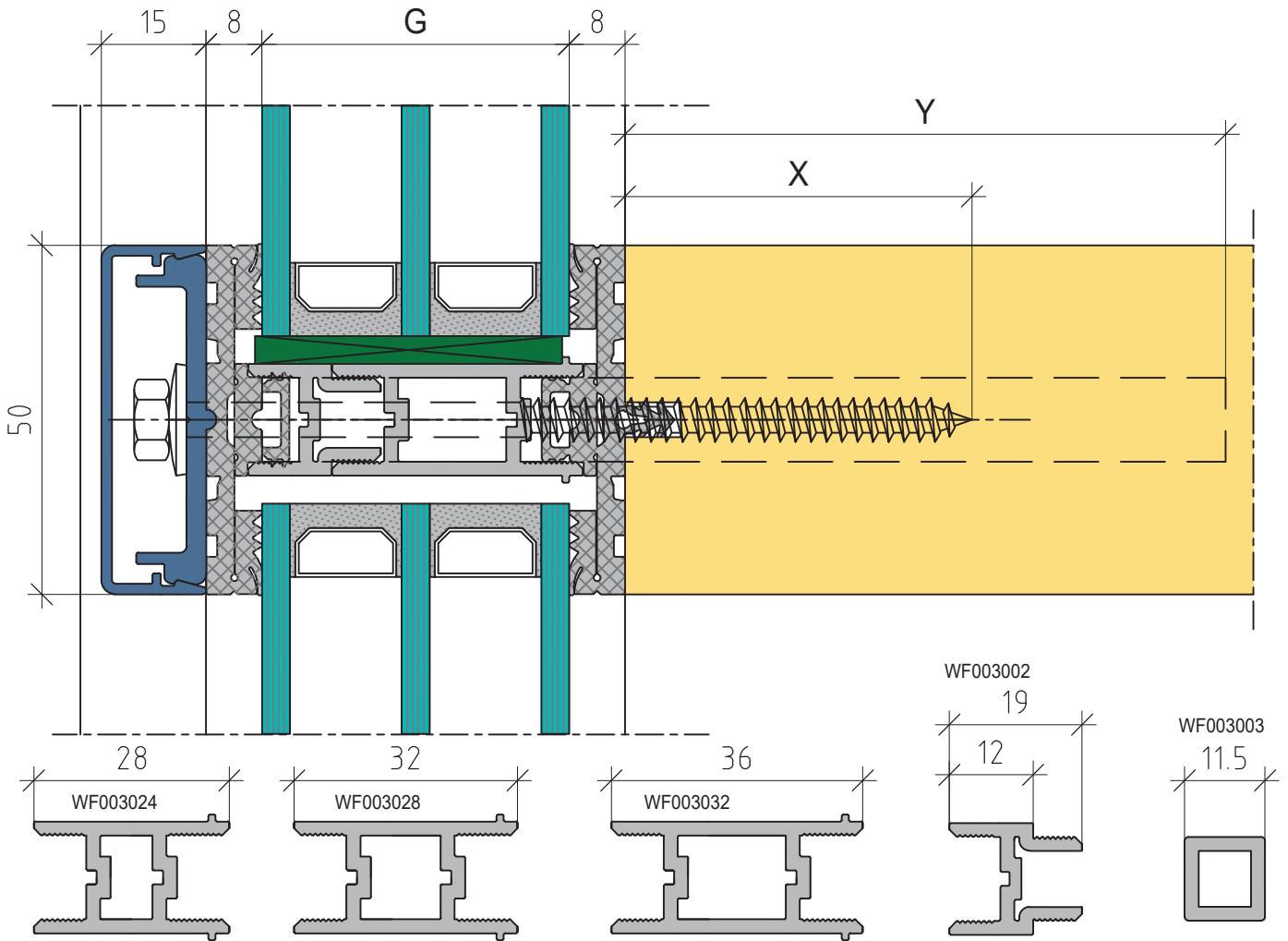
Glashalterung

protection du vitrage

VE = 200 Stk.

Verglasungstabelle

Directive de vitrage



Glas	Isolierprofile					Schraube		Glastragbolzen	
Verre	Profils isolateurs					Vis		Support de vitrage	
G	WF003024	WF003028	WF003032	WF003002	WF003003	Art.Nr.	Einschraubtiefe X profondeur de vissage X	Art.Nr.	Bohrtiefe im Holz Y profondeur de perçage Y
24	1 x					WF060090	47 mm	WF003011	86 mm
28		1 x				WF060090	43 mm	WF003011	82 mm
32			1 x			WF060115	64 mm	WF003011	78 mm
36	1 x			1 x		WF060115	60 mm	WF003013	86 mm
40		1 x		1 x		WF060115	56 mm	WF003013	82 mm
44			1 x	1 x		WF060115	52 mm	WF003013	86 mm
48	1 x			2 x		WF060115	48 mm	WF003013	82 mm
52		1 x		2 x		WF060130	59 mm	WF003013	78 mm
56			1 x	2 x		WF060130	55 mm	WF003015	94 mm
60		2 x			1 x	WF060130	51 mm	WF003015	90 mm
64		1 x	1 x		1 x	WF060130	47 mm	WF003015	86 mm
68			2 x		1 x	WF060130	43 mm	WF003015	82 mm

2 Glastragbolzen pro Auflager bei Glasgewicht - 300 kg
3 Glastragbolzen pro Auflager bei Glasgewicht - 450 kg

Inhaltsverzeichnis

Sommaire

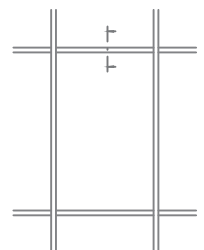
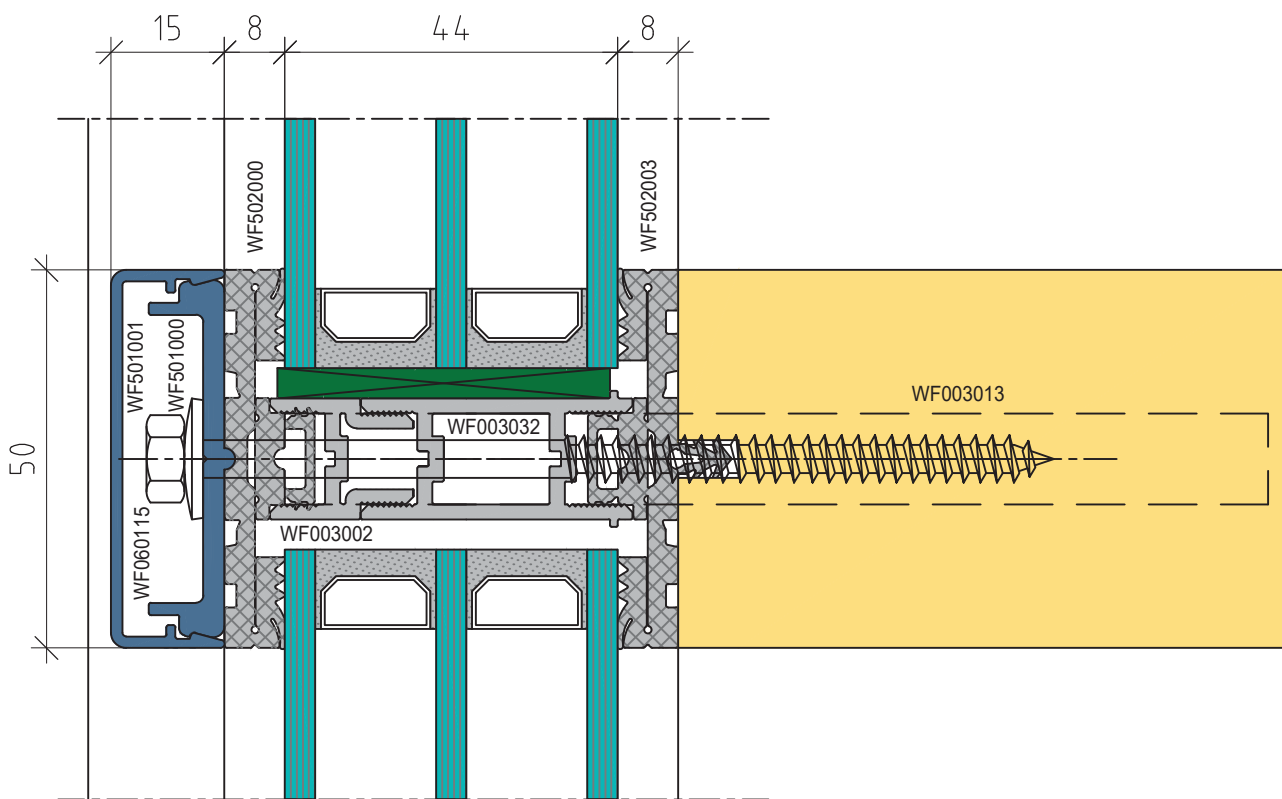
Register 7.2

Registre 7.2

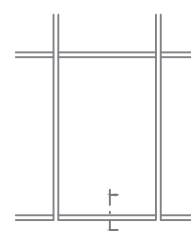
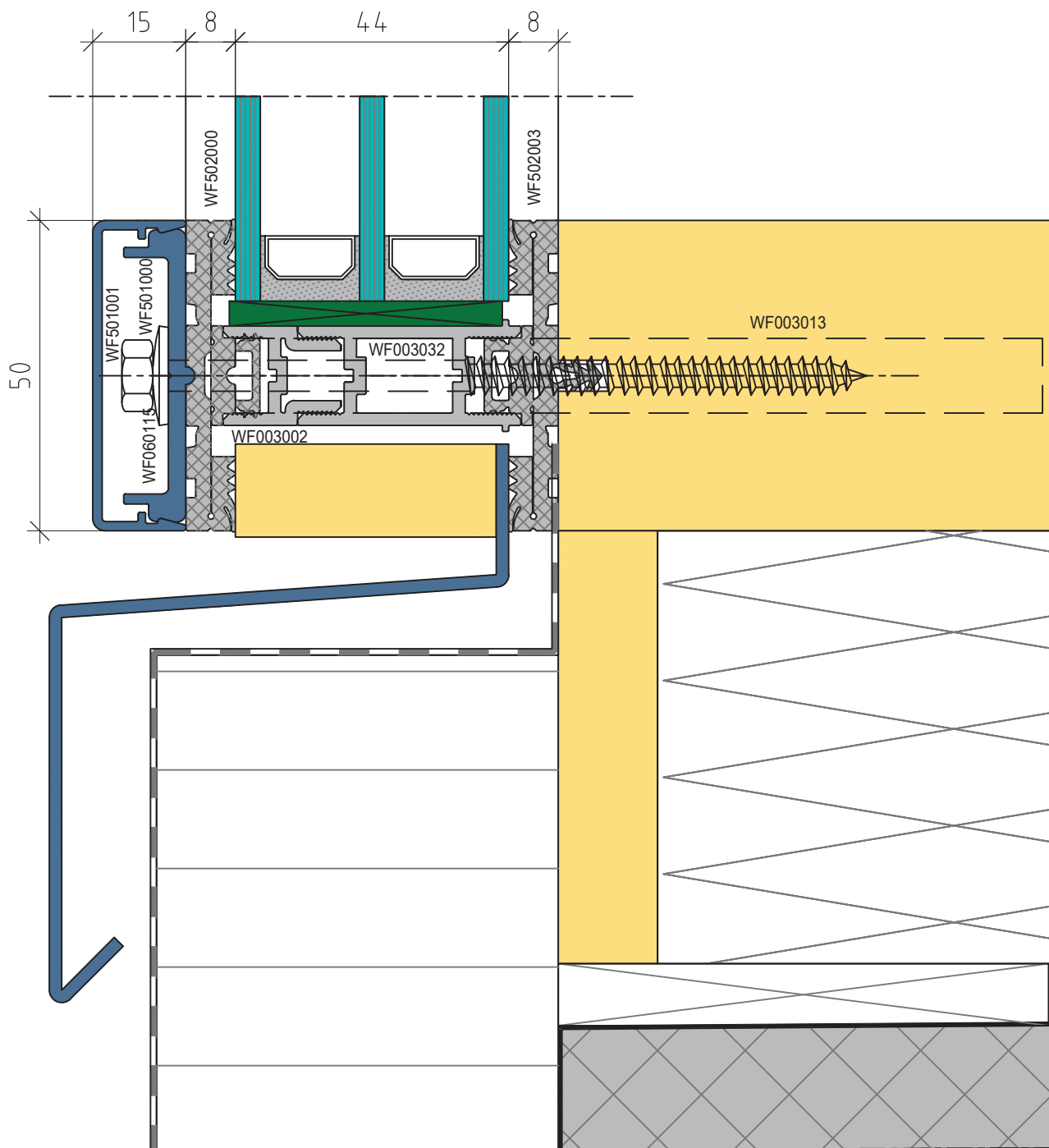
PFOSTEN / RIEGEL 50 MM	MONTANT / TRAVERSE 50 MM	
Schnittansichten	Coupes	
Riegel 50 mm	Traverse 50 mm	4/53 401-201
Riegel 50 mm Anschluss unten	Traverse 50 mm, détail inférieur	4/53 401-101
Pfosten 50 mm	Montant 50 mm	4/53 401-301
Pfosten 50 mm Anschluss seitlich	Montant 50 mm, raccord latérale	4/53 401-351

Riegel 50 mm

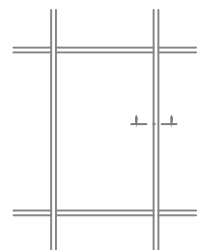
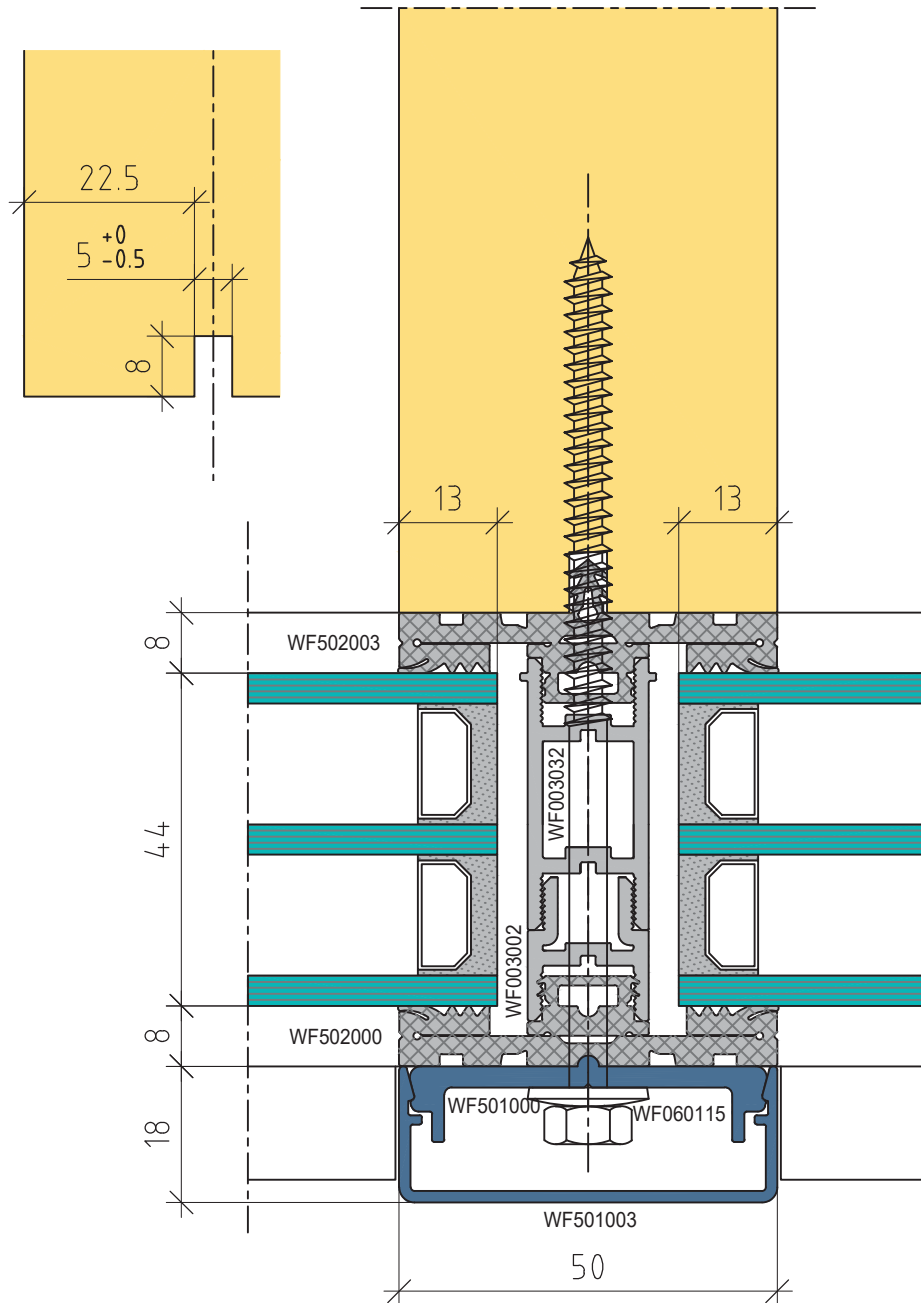
Traverse 50 mm



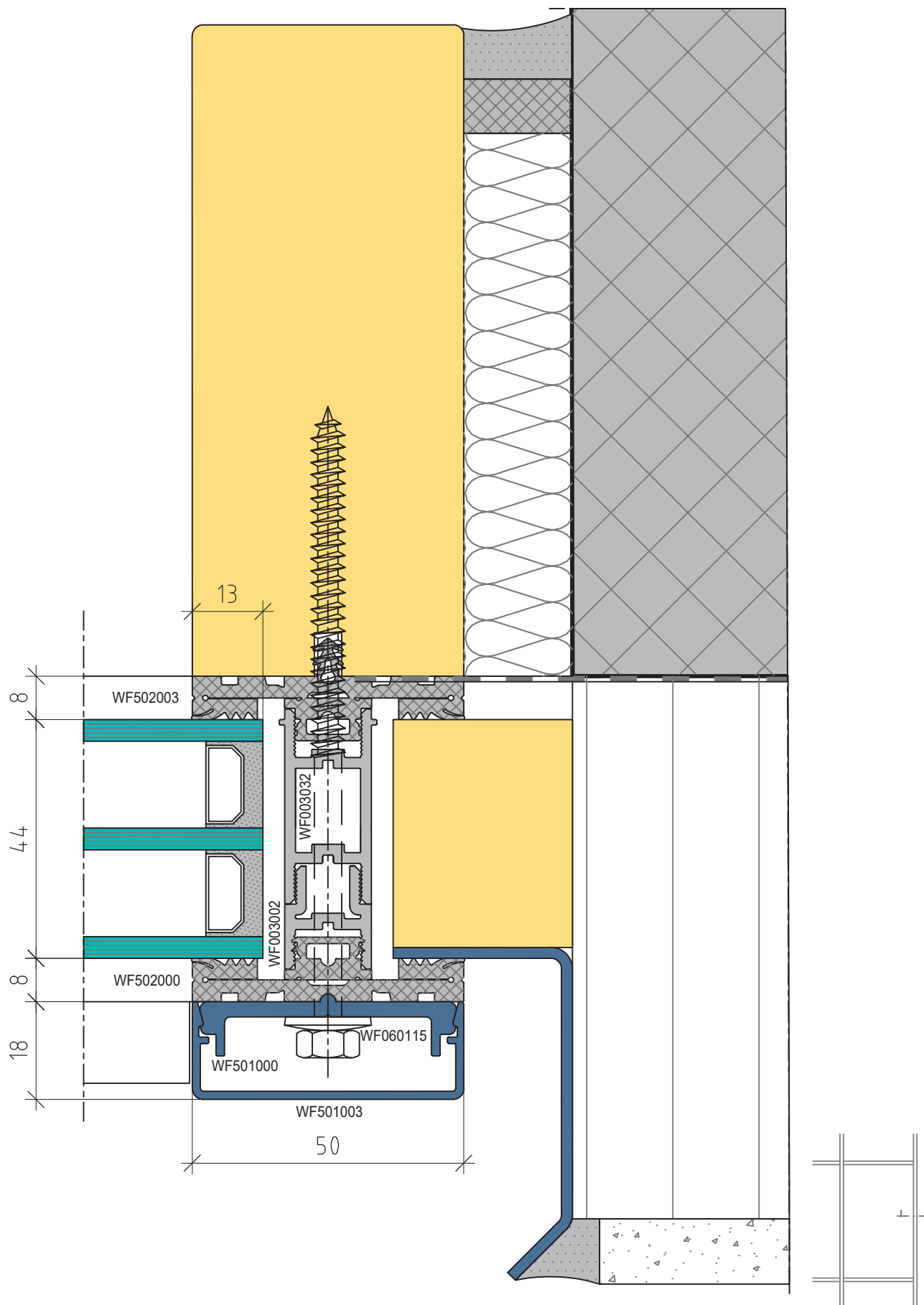
Riegel 50 mm, Anschluss unten Traverse 50 mm, détail inférieur



Pfosten 50 mm
Montant 50 mm



Pfosten 50 mm, Anschluss seitlich
Montant 50 mm, raccord latérale



Inhaltsverzeichnis

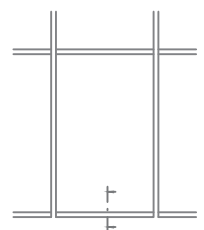
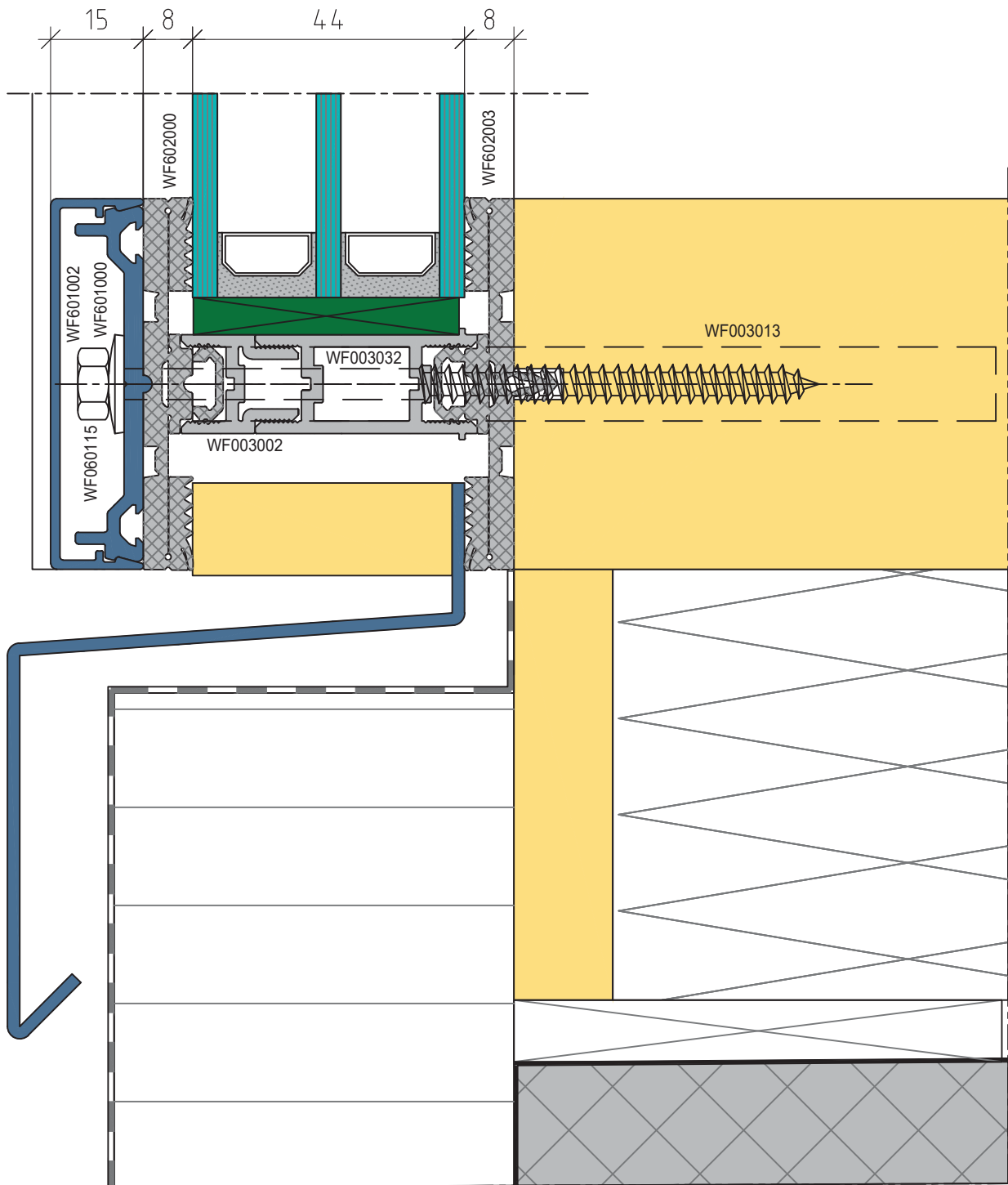
Sommaire

Register 7.3

Registre 7.3

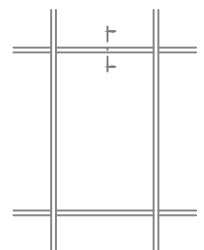
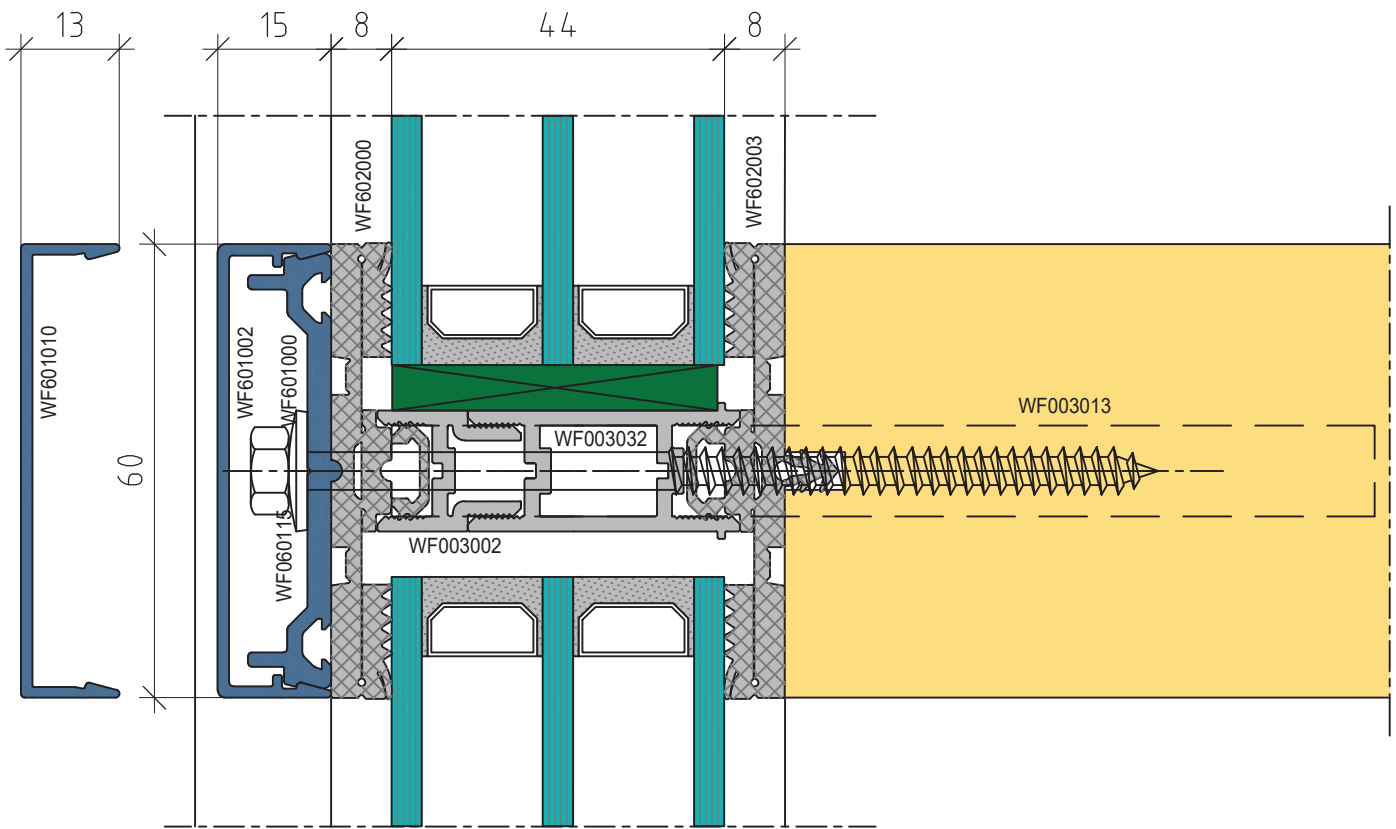
PFOSTEN / RIEGEL 60 MM	MONTANT / TRAVERSE 60 MM	
Schnittansichten	Coupes	
Riegel 60 mm, Anschluss unten	Traverse 60 mm, détail inférieur	4/53 402-101
Riegel 60 mm	Traverse 60 mm	4/53 402-201
Riegel 60 mm, Flachdichtung 4 mm	Traverse 60 mm, joint plat 4 mm	4/53 402-202
Pfosten 60 mm	Montant 60 mm	4/53 402-301
Pfosten 60 mm, Anschluss seitlich	Montant 60 mm, détail latérale	4/53 402-351
Pfosten überdämmt, Anschluss seitlich	Montant avec isolation recouvrant, raccord latérale	4/53 402-352

Riegel 60 mm, Anschluss unten
 Traverse 60 mm, détail inférieur

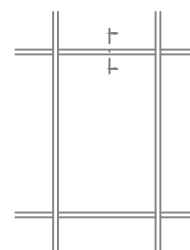
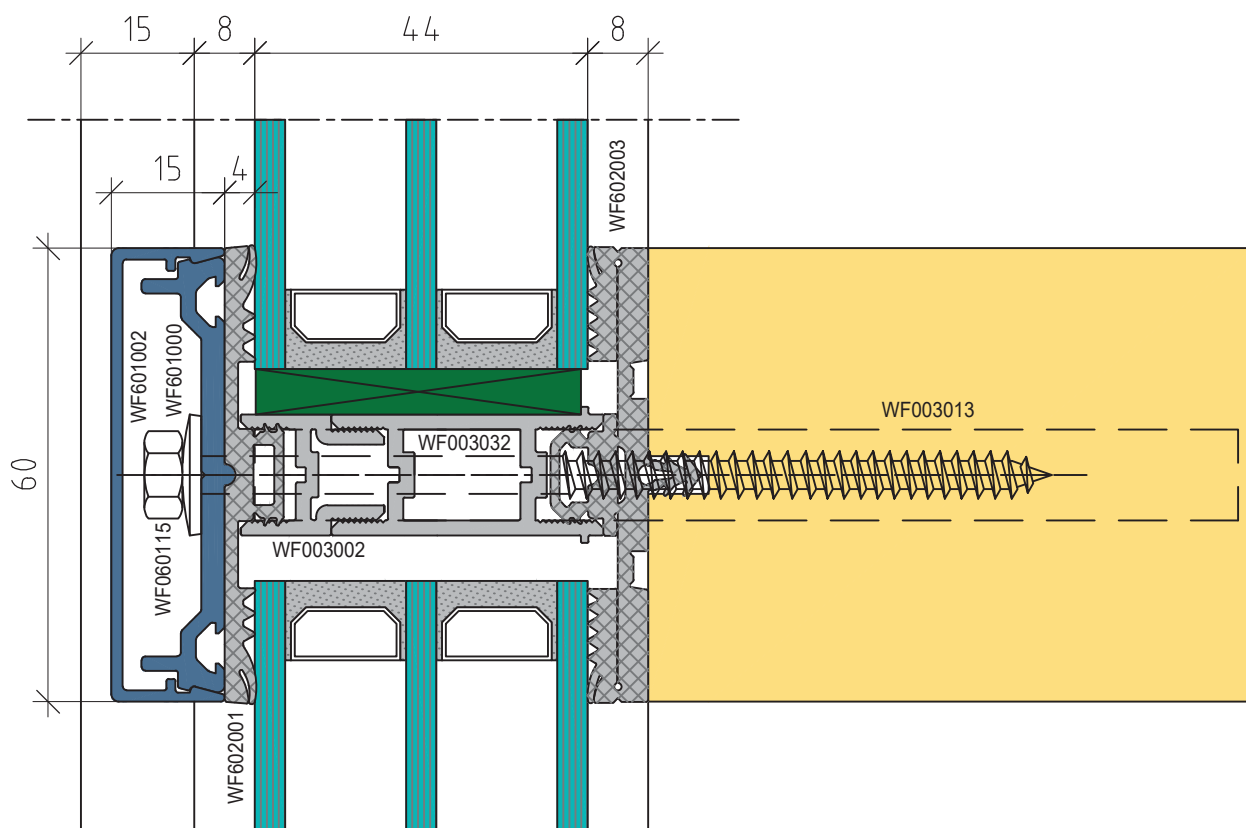


Riegel 60 mm

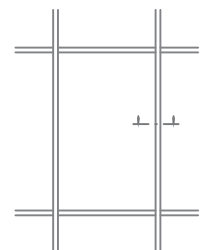
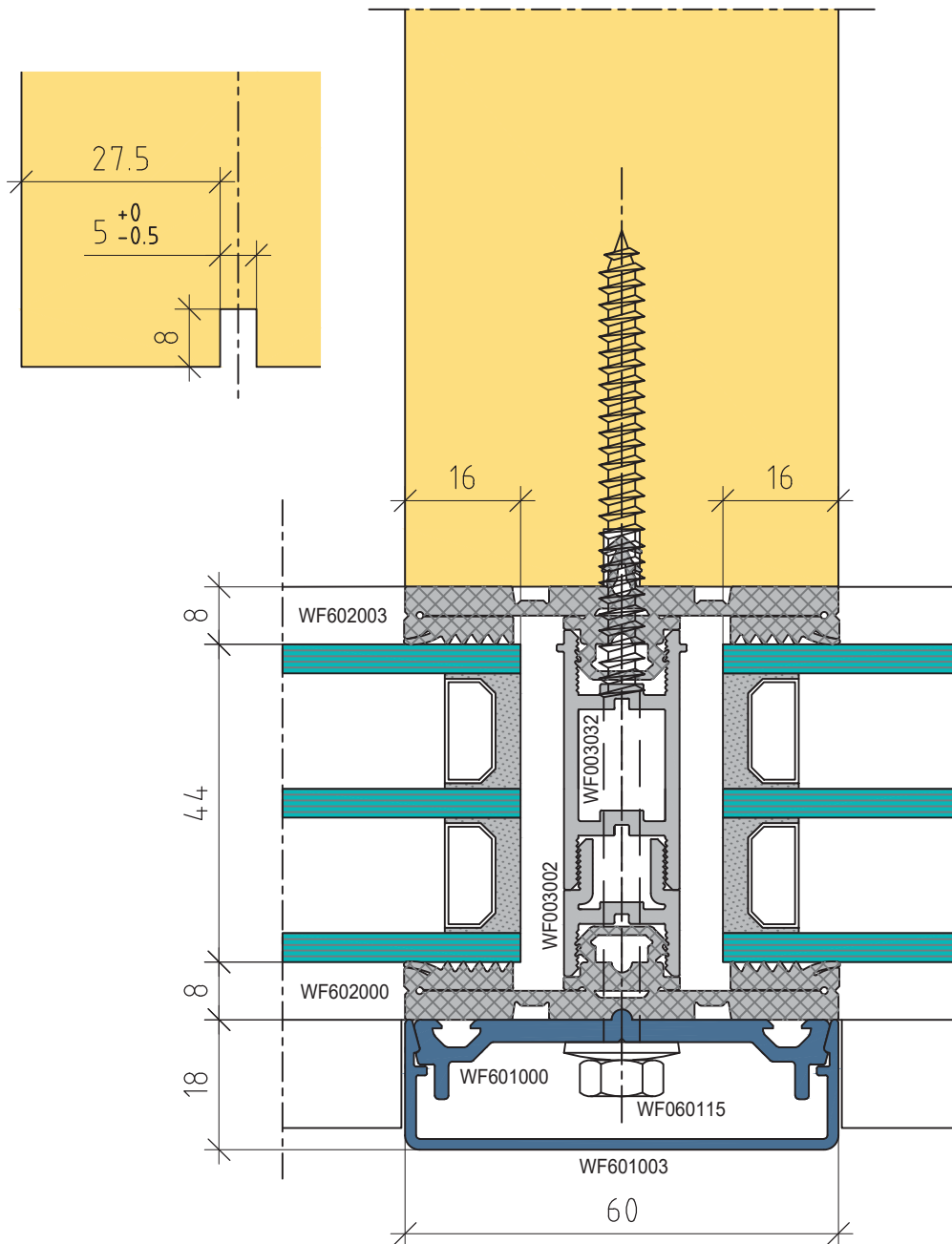
Traverse 60 mm



Riegel 60 mm, Flachdichtung 4 mm
 Traverse 60 mm, joint plat 4 mm

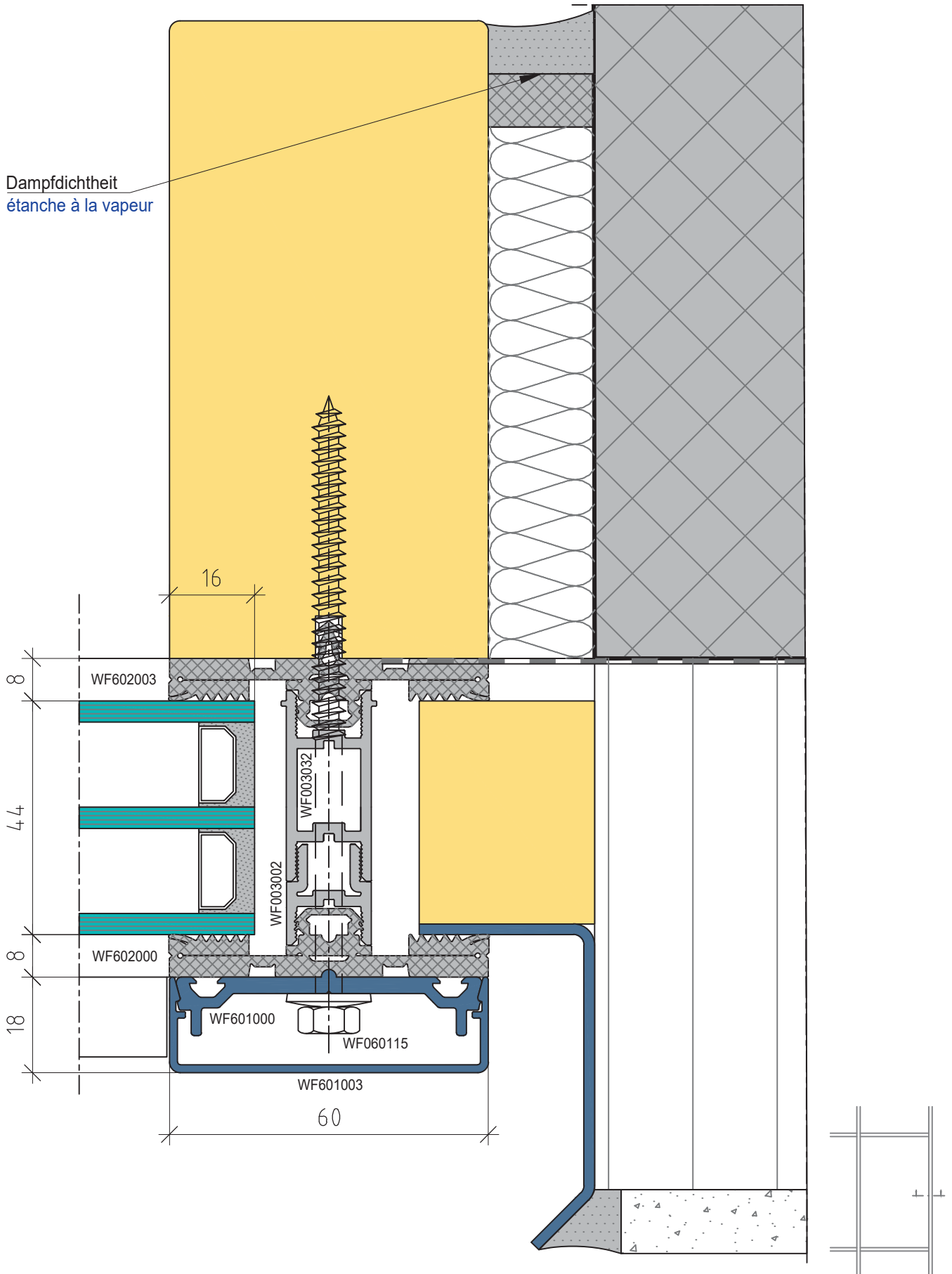


Pfosten 60 mm
Montant 60 mm

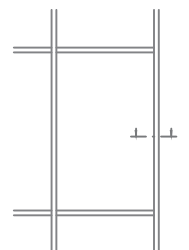
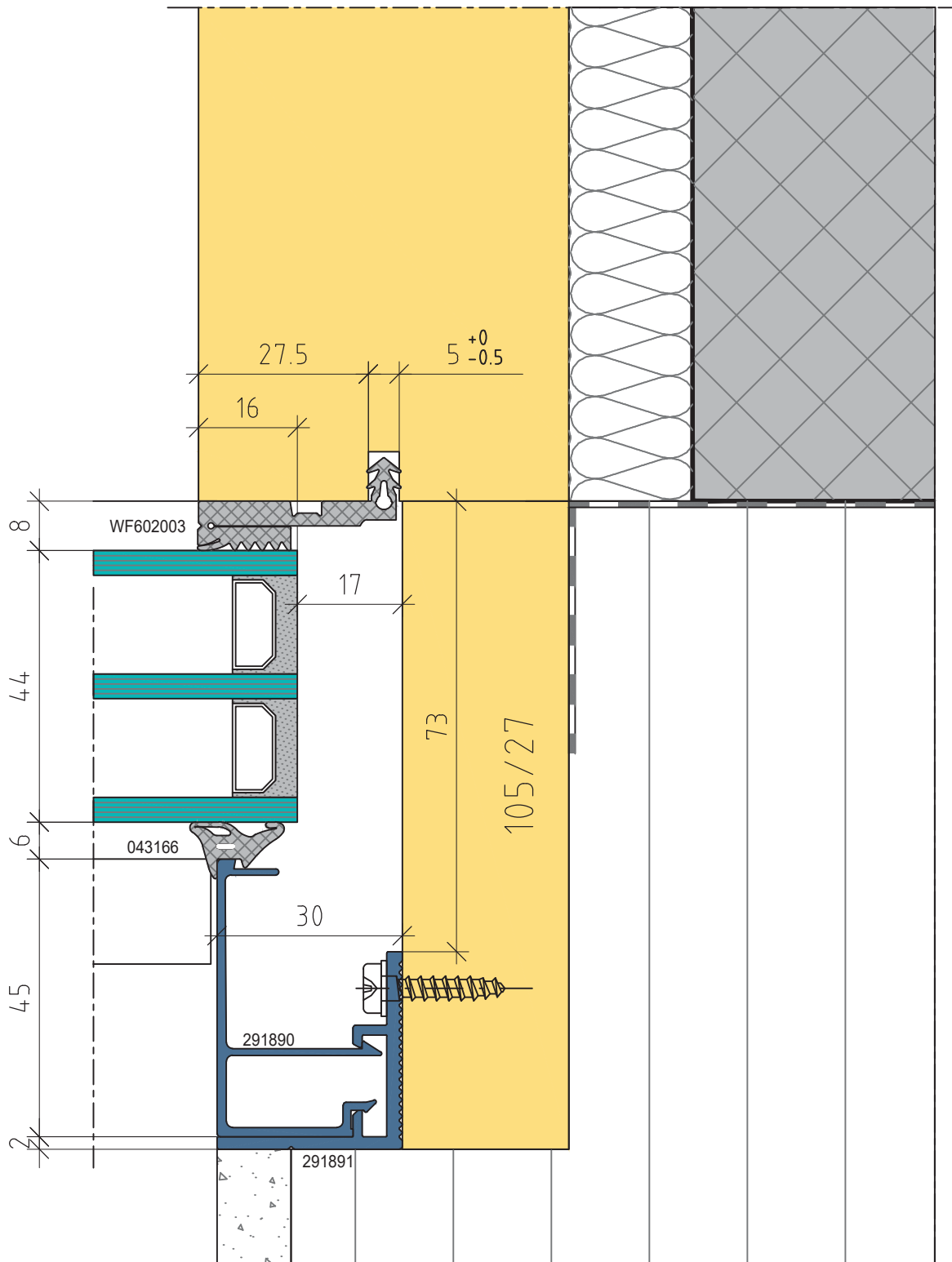


Pfosten 60 mm, Anschluss seitlich
 Montant 60 mm, détail latérale

Dampfdichtheit
 étanche à la vapeur



Pfosten überdämmt, Anschluss seitlich
 Montant avec isolation recouvrant, raccord latérale



Inhaltsverzeichnis

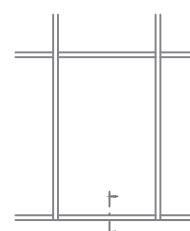
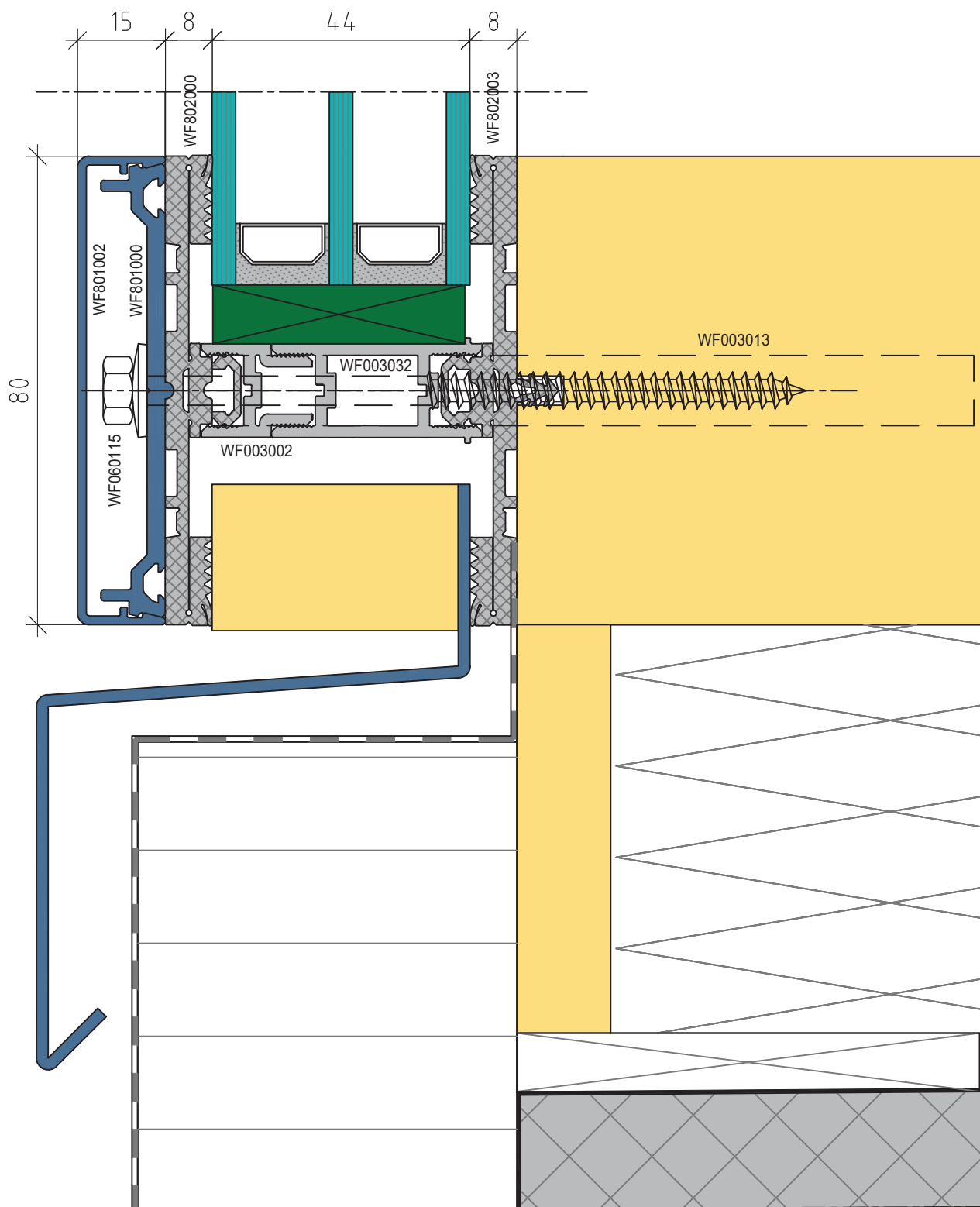
Sommaire

Register 7.4

Registre 7.4

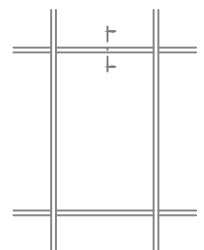
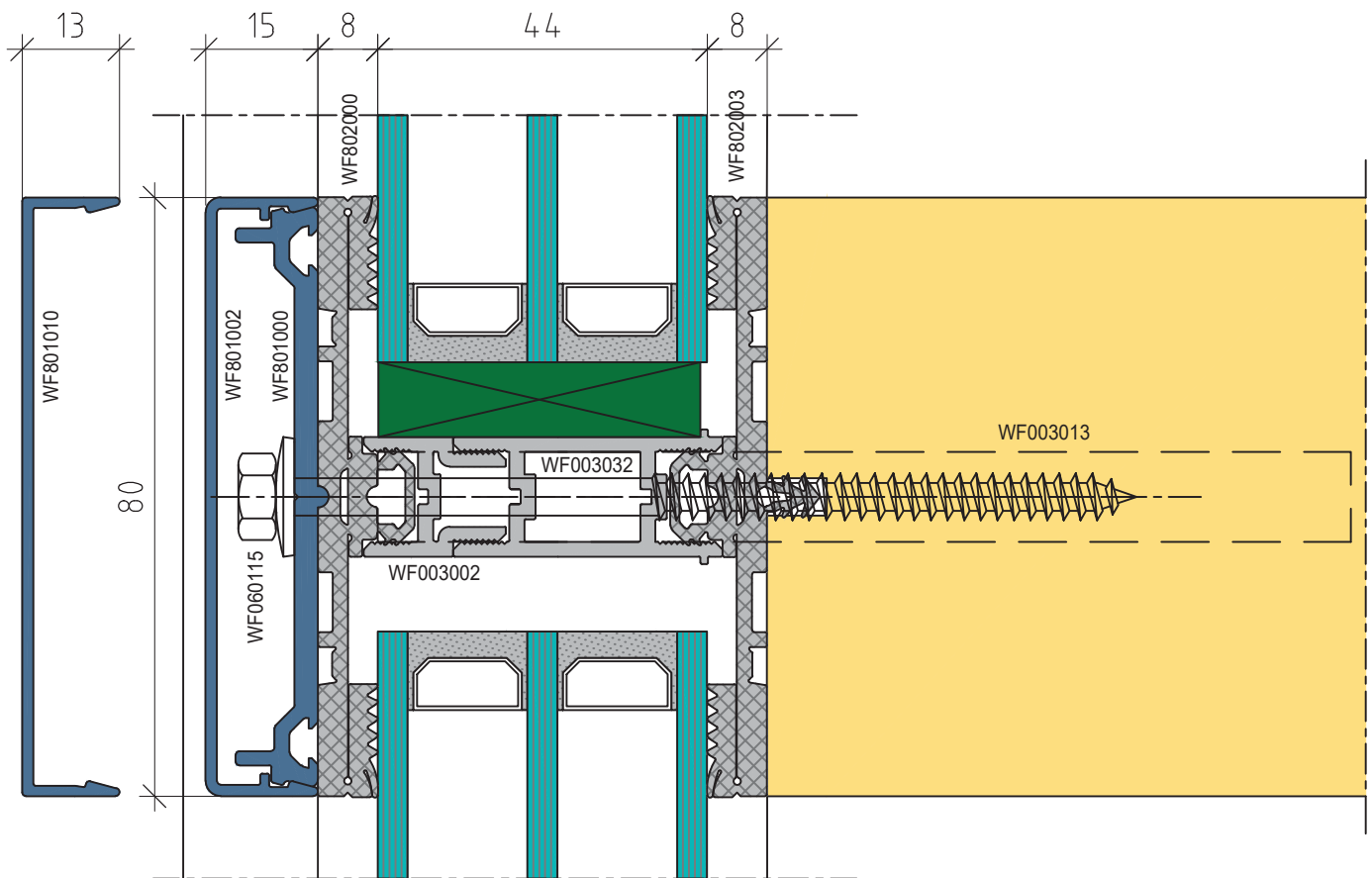
PFOSTEN / RIEGEL 80 MM	MONTANT / TRAVERSE 80 MM	
Schnittansichten	Coupes	
Riegel 80 mm, Anschluss unten	Traverse 80 mm, raccord inférieur	4/53 403-101
Riegel 80 mm	Traverse 80 mm	4/53 403-201
Pfosten 80 mm	Montant 80 mm	4/53 403-301
Pfosten 80 mm, Anschluss seitlich	Montant 80 mm, raccord latérale	4/53 403-351

Riegel 80 mm, Anschluss unten
 Traverse 80 mm, raccord inférieur

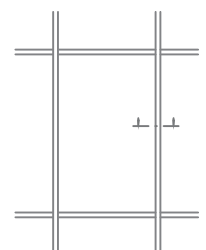
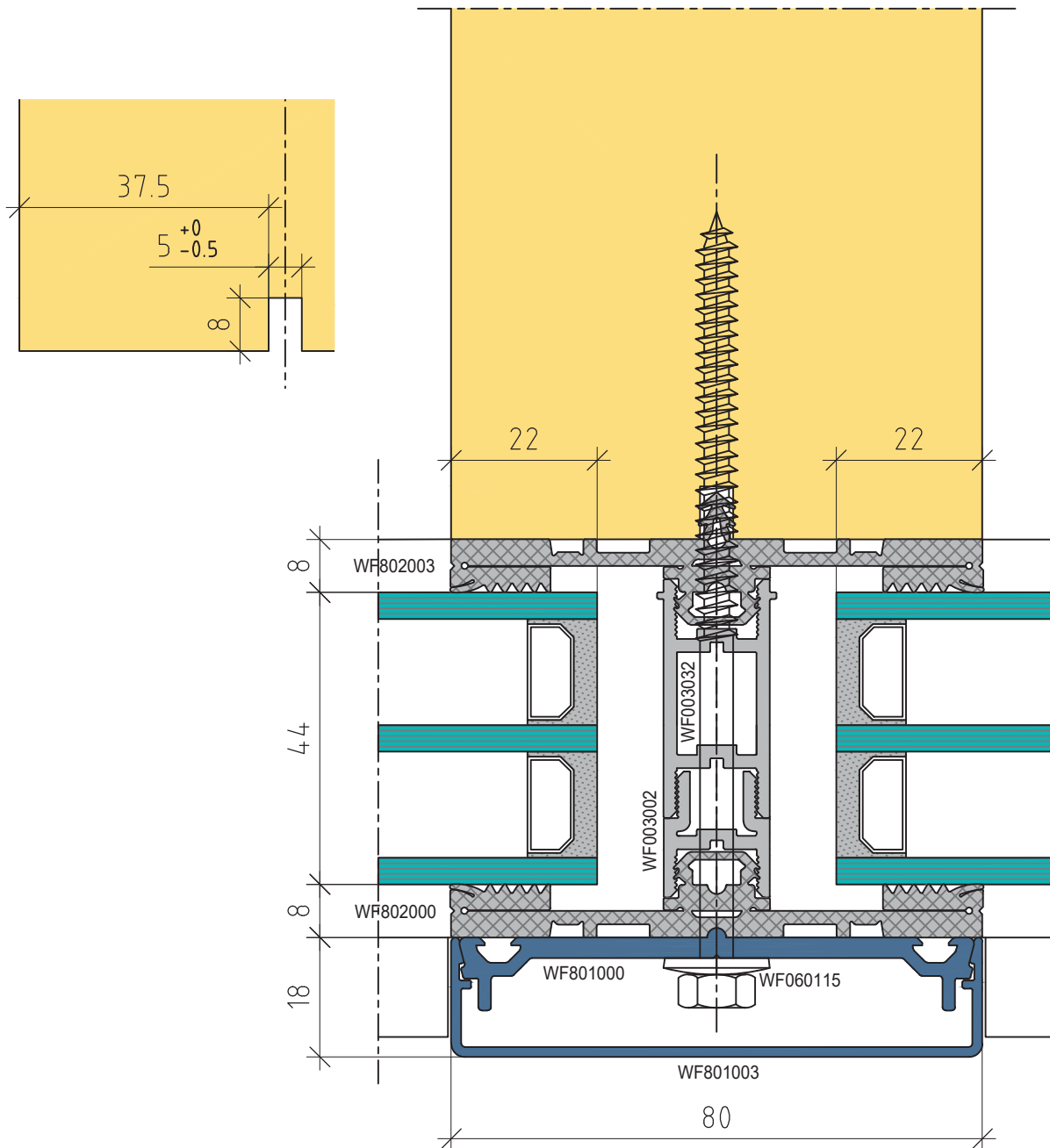


Riegel 80 mm

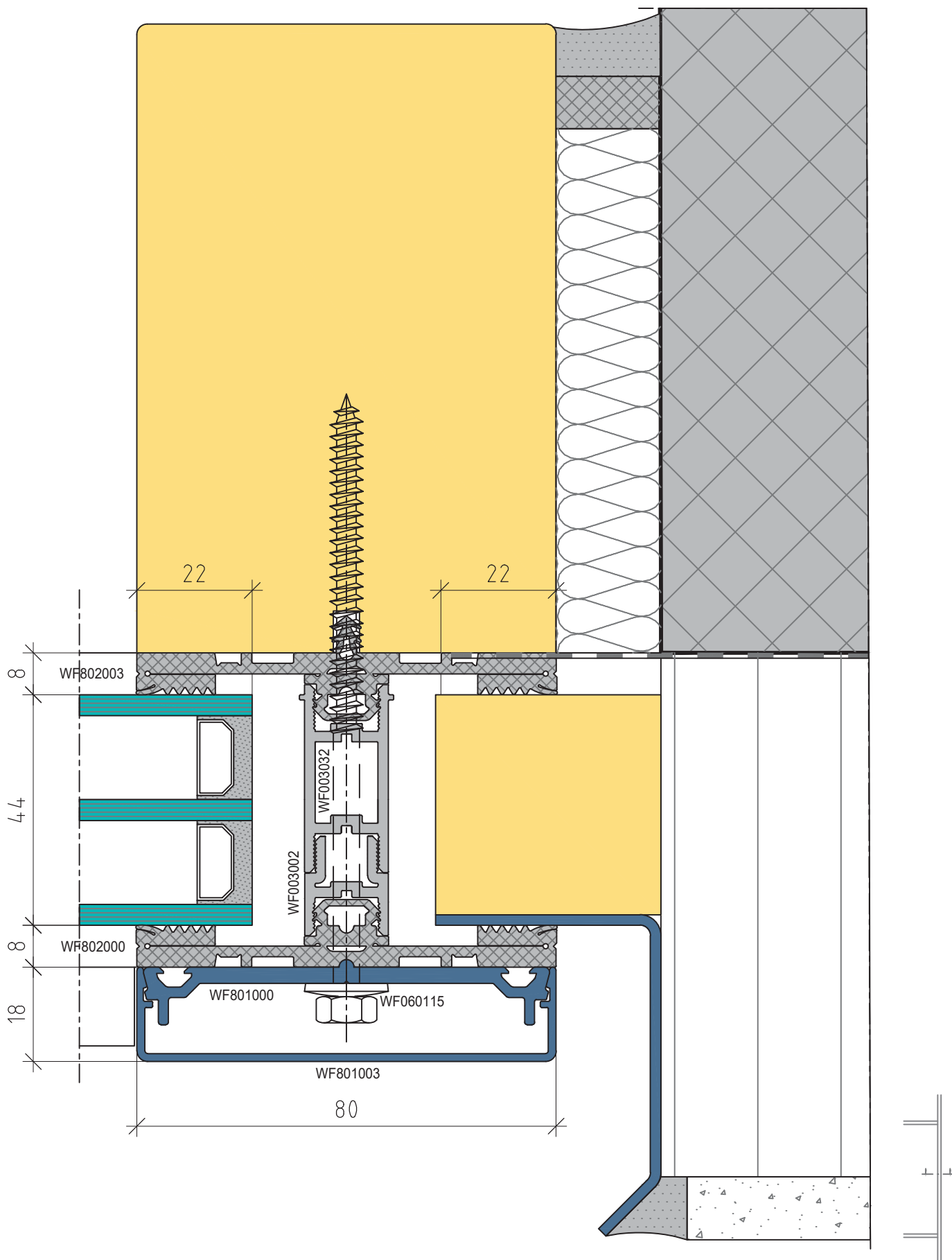
Traverse 80 mm



Pfosten 80 mm
Poteau 80 mm



Pfosten 80 mm, Anschluss seitlich
Poteau 80 mm, raccord latérale



Inhaltsverzeichnis

Sommaire

Register 7.5

Registre 7.5

PRÜFBERICHT	CERTIFICAT D'ESSAI	
STATIK	STATIQUE	
Biegesteifigkeitstabelle, Pfosten / Riegel	Résistance à la flexion, montant / traverse	4/53 670-020
BAUPHYSIK	PHYSIQUE DU BÂTIMENT	
Isothermen, Riegel 50 mm	Isotherme, traverse 50 mm	4/53 651-010
Isothermen, Riegel 60 mm	Isotherme, traverse 60 mm	4/53 652-010
Isothermen, Riegel 80 mm	Isotherme, traverse 80 mm	4/53 653-010

Biegesteifigkeitstabelle, Pfosten / Riegel

Résistance à la flexion, montant / traverse

Erforderliche Biegesteifigkeiten $EI \times 10^8 \text{ Nmm}^2$
 Résistance à la flexion nécessaire $EI \times 10^8 \text{ Nmm}^2$

Stützweite L [mm] Distance d'ancrage		Belastungsbreite b (b1+b2) / Largeur de sollicitation b (b1+b2)															
		1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
5000	B4	4340	5208	6076	6944	7813	8681	9549	10417	11285	12153	13021	13889	14757	15625	16493	17361
	B3	3255	3906	4557	5208	5859	6510	7161	7813	8464	9115	9766	10417	11068	11719	12370	13021
	B2	1356	1628	1899	2170	2441	2713	2984	3255	3526	3798	4069	4340	4612	4883	5154	5425
4800	B4	3686	4424	5161	5898	6636	7373	8110	8847	9585	10322	11059	11796	12534	13271	14008	14746
	B3	2765	3318	3871	4424	4977	5530	6083	6636	7188	7741	8294	8847	9400	9953	10506	11059
	B2	1152	1382	1613	1843	2074	2304	2534	2765	2995	3226	3456	3686	3917	4147	4378	4608
4600	B4	3109	3731	4353	4975	5597	6219	6841	7462	8084	8706	9328	9950	10572	11194	11816	12437
	B3	2332	2798	3265	3731	4198	4664	5130	5597	6063	6530	6996	7462	7929	8395	8862	9328
	B2	972	1166	1360	1555	1749	1943	2138	2332	2526	2721	2915	3109	3304	3498	3692	3887
4400	B4	2603	3123	3644	4165	4685	5206	5726	6247	6767	7288	7809	8329	8850	9370	9891	10411
	B3	1952	2343	2733	3123	3514	3904	4295	4685	5076	5466	5856	6247	6637	7028	7418	7809
	B2	813	976	1139	1301	1464	1627	1789	1952	2115	2277	2440	2603	2766	2929	3091	3254
4200	B4	2161	2593	3025	3457	3890	4322	4754	5186	5618	6051	6483	6915	7347	7779	8211	8644
	B3	1621	1945	2269	2593	2917	3241	3565	3890	4214	4538	4862	5186	5510	5834	6159	6483
	B2	675	810	945	1080	1216	1351	1486	1621	1756	1891	2026	2161	2296	2431	2566	2701
4000	B4	1778	2133	2489	2844	3200	3556	3911	4267	4622	4978	5333	5689	6044	6400	6756	7111
	B3	1333	1600	1867	2133	2400	2667	2933	3200	3467	3733	4000	4267	4533	4800	5067	5333
	B2	556	667	778	889	1000	1111	1222	1333	1444	1556	1667	1778	1889	2000	2111	2222
3800	B4	1448	1738	2027	2317	2606	2896	3186	3475	3765	4054	4344	4634	4923	5213	5502	5792
	B3	1086	1303	1520	1738	1955	2172	2389	2606	2824	3041	3258	3475	3692	3910	4127	4344
	B2	453	543	634	724	815	905	996	1086	1177	1267	1358	1448	1539	1629	1720	1810
3600	B4	1166	1400	1633	1866	2100	2333	2566	2799	3033	3266	3499	3732	3966	4199	4432	4666
	B3	875	1050	1225	1400	1575	1750	1925	2100	2274	2449	2624	2799	2974	3149	3324	3499
	B2	365	437	510	583	656	729	802	875	948	1021	1094	1166	1239	1312	1385	1458
3400	B4	928	1114	1299	1485	1670	1856	2042	2227	2413	2598	2784	2970	3155	3341	3526	3712
	B3	696	835	974	1114	1253	1392	1531	1670	1810	1949	2088	2227	2366	2506	2645	2784
	B2	290	348	406	464	522	580	638	696	754	812	870	928	986	1044	1102	1160
3200	B4	728	874	1019	1165	1311	1456	1602	1748	1893	2039	2185	2330	2476	2621	2767	2913
	B3	546	655	765	874	983	1092	1201	1311	1420	1529	1638	1748	1857	1966	2075	2185
	B2	228	273	319	364	410	455	501	546	592	637	683	728	774	819	865	910
3000	B4	563	675	788	900	1013	1125	1238	1350	1463	1575	1688	1800	1913	2025	2138	2250
	B3	422	506	591	675	759	844	928	1013	1097	1181	1266	1350	1434	1519	1603	1688
	B2	176	211	246	281	316	352	387	422	457	492	527	563	598	633	668	703
2800	B4	457	549	640	732	823	915	1006	1098	1189	1281	1372	1463	1555	1646	1738	1829
	B3	343	412	480	549	617	686	755	823	892	960	1029	1098	1166	1235	1303	1372
	B2	143	172	200	229	257	286	314	343	372	400	429	457	486	515	543	572
2600	B4	366	439	513	586	659	732	806	879	952	1025	1099	1172	1245	1318	1391	1465
	B3	275	330	384	439	494	549	604	659	714	769	824	879	934	989	1044	1099
	B2	114	137	160	183	206	229	252	275	298	320	343	366	389	412	435	458
2400	B4	288	346	403	461	518	576	634	691	749	806	864	922	979	1037	1094	1152
	B3	216	259	302	346	389	432	475	518	562	605	648	691	734	778	821	864
	B2	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
2200	B4	222	266	311	355	399	444	488	532	577	621	666	710	754	799	843	887
	B3	166	200	233	266	299	333	366	399	433	466	499	532	566	599	632	666
	B2	69	83	97	111	125	139	153	166	180	194	208	222	236	250	263	277

Pfosten / Montant 50mm
Auswahl gem. erforderlicher Biegesteifigkeit
Sélection en fonction de la rigidité nécessaire de flexion

Pfosten / Montant 60mm
Auswahl gem. erforderlicher Biegesteifigkeit
Sélection en fonction de la rigidité nécessaire de flexion

Pfosten / Montant 80mm
Auswahl gem. erforderlicher Biegesteifigkeit
Sélection en fonction de la rigidité nécessaire de flexion

nicht möglich, ohne zusätzliche Verstärkung
pas possible sans renforcement supplémentaire

Die Bemessungswerte gelten für Vollholz der Festigkeitsklasse C24 (Kiefer, Lärche) gem. DIN1052, SIA265

Nur Richtwerte!
Bei erhöhten Anforderungen ist ein rechnerischer Nachweis erforderlich.

Wenn b1 (od. b2) > L, muss für b1 (od. b2) der Wert von L eingesetzt werden!

Les valeurs de calcul s'appliquent pour le bois massif de la classe de résistance C24 (pin, mélèze) DIN1052, SIA265

Uniquement valeurs indicatives! Pour des exigences statiques plus élevées, il faut le calcul d'un bureau d'ingénierie.

Si b1 (ou. b2) > L, introduire pour b1 (ou b2) valeur du L!

Beanspruchungsgruppe Catégorie de sollicitation	B2	B3	B4
Druck N/m ² (Pa) Pression N/m ² (Pa)	800	1200	1600

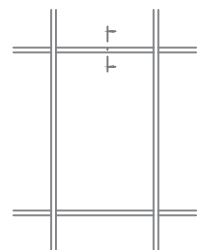
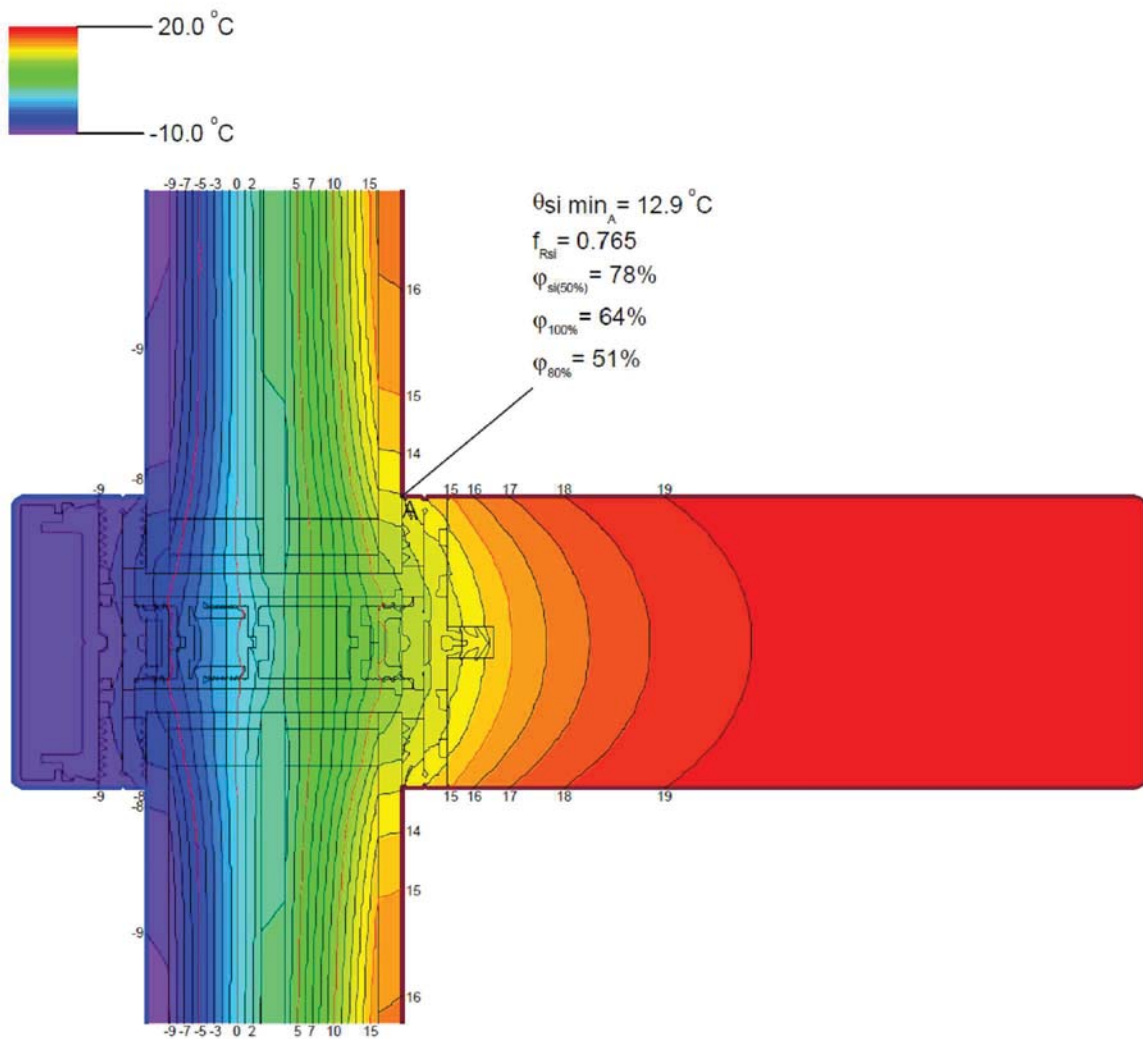
Belastungen nach / Charges d'après: DIN 1055-4
 Durchbiegung / Flèche: L / 200

Pfosten 50mm Montant 50mm	Biegesteifigkeit Résistance à la flexion	Pfosten 60mm Montant 60mm	Biegesteifigkeit Résistance à la flexion	Pfosten 80mm Montant 80mm	Biegesteifigkeit Résistance à la flexion
[mm]	[Nmm ²]	[mm]	[Nmm ²]	[mm]	[Nmm ²]
80	229 x 10 ⁸	80	276 x 10 ⁸	80	370 x 10 ⁸
100	449 x 10 ⁸	100	541 x 10 ⁸	100	724 x 10 ⁸
120	778 x 10 ⁸	120	936 x 10 ⁸	120	1253 x 10 ⁸
140	1238 x 10 ⁸	140	1490 x 10 ⁸	140	1993 x 10 ⁸
160	1852 x 10 ⁸	160	2227 x 10 ⁸	160	2978 x 10 ⁸
180	2640 x 10 ⁸	180	3175 x 10 ⁸	180	4244 x 10 ⁸
200	3626 x 10 ⁸	200	4359 x 10 ⁸	200	5826 x 10 ⁸
220	4831 x 10 ⁸	220	5807 x 10 ⁸	220	7759 x 10 ⁸
240	6277 x 10 ⁸	240	7544 x 10 ⁸	240	10078 x 10 ⁸

Isothermen, Riegel 50 mm

Isotherme, traverse 50 mm

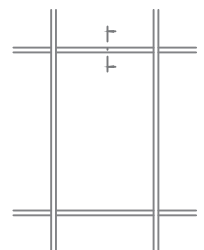
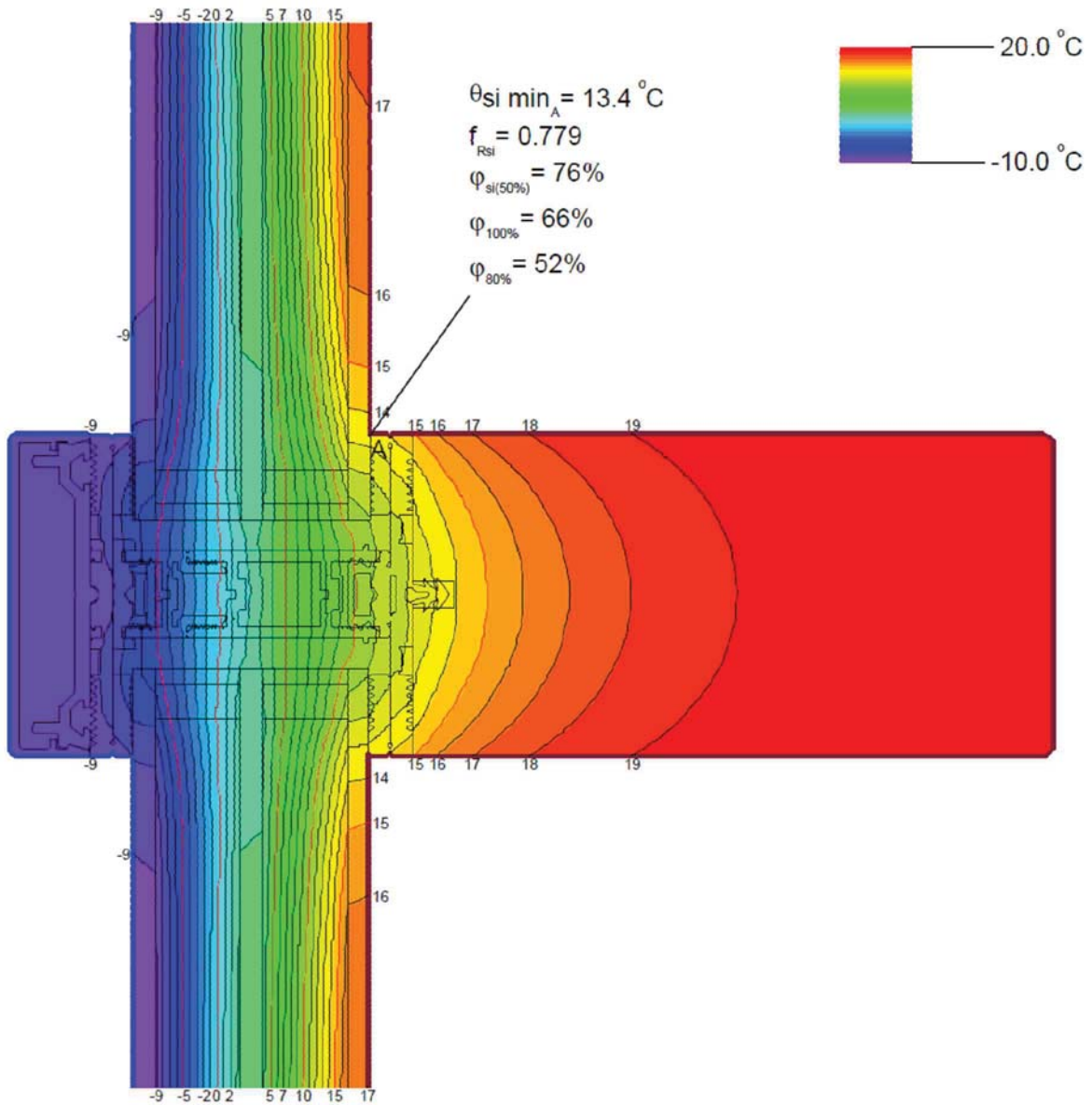
Isolierglas	Vitrage isolant	44 mm 4/16/4/16/4, $U_g = 0,6 \text{ W/m}^2\text{K}$
Glasrandverbund	Intercalaire	Superspacer TriSeal (Fa.Edgetech) $\Psi_i = 0,027 \text{ W/mK}$
Temperatur	Température	Aussen / Extérieur $-10 \text{ }^\circ\text{C}$, Innen / Intérieur $+20 \text{ }^\circ\text{C}$
Uf-Wert	Valeur Uf	$= 1,378 \text{ W/m}^2\text{K}$



Isothermen, Riegel 60 mm

Isotherme, traverse 60 mm

Isolierglas	Vitrage isolant	44 mm 4/16/4/16/4, Ug = 0,6 W/m ² K
Glasrandverbund	Intercalaire	Superspacer TriSeal (Fa.Edgetech) Psi = 0,026 W/mK
Temperatur	Température	Aussen / Extérieur -10 °C, Innen / Intérieur +20 °C
Uf -Wert	Valeur Uf	= 1,294 W/m ² K



Isothermen, Riegel 80 mm

Isotherme, traverse 80 mm

Isolierglas	Vitrage isolant	44 mm 4/16/4/16/4, $U_g = 0,6 \text{ W/m}^2\text{K}$
Glasrandverbund	Intercalaire	Superspacer TriSeal (Fa.Edgetech) $\Psi = 0,024 \text{ W/mK}$
Temperatur	Température	Aussen / Extérieur $-10 \text{ }^\circ\text{C}$, Innen / Intérieur $+20 \text{ }^\circ\text{C}$
Uf-Wert	Valeur Uf	$= 1,155 \text{ W/m}^2\text{K}$

