



**REZULTATI ISPITIVANJA** vodonepropusnosti otklopno-zaokretnog prozora izrađenog od profila serije TERMO 50..

4.2 Tablica:

TLAK $\Delta p$ (Pa)	VRIJEME $\tau$ (min)	LGF 183/03	RAZRED (HRN EN 12208:2001)
0	15	+	1 A
50	5	+	2 A
100	5	+	3 A
150	5	+	4 A
200	5	+	5 A
250	5	+	6 A
300	5	+	7 A
450	5	+	8 A
600	5	+	9 A

- + ..... Znači da nije došlo do propuštanja vode.
- ∇ ..... Znači da je došlo do propuštanja vode.

S obzirom na vodonepropusnost ispitni uzorak može se svrstati u **razred 9A**, u skladu s HRN EN 12208; 2001.

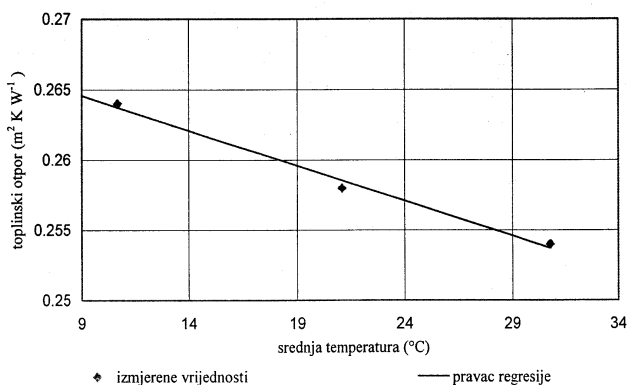
Voditelj laboratorija  
Mr. sc. **Stjepan Šilhard-Kučević**, dipl. ing. kem. tehn.

**REZULTATI ISPITIVANJA** otpornosti na vjetar otklopno-zaokretnog prozora izrađenog od profila serije TERMO 50

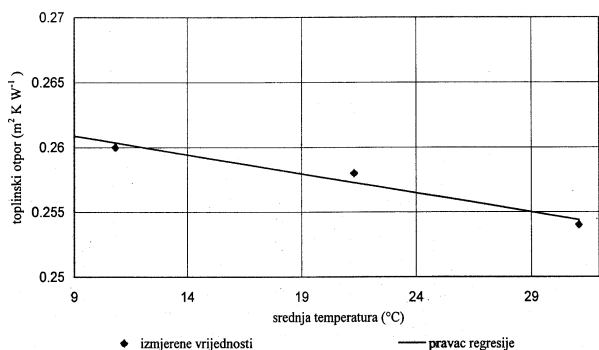
- Ispitivanje na relativno čeonu savijanje (razred C ( $F_{rp} < 1/1300$ ), u skladu s HRN EN 12210; 2001)
- Ispitivanje na otpornost promjenjivim tlakom
- Ispitivanje zrakopropusnosti nakon otpornosti na vjetar

S obzirom na ispitivanje otpornosti na vjetar ispitni uzorak može se svrstati u **razred C3** u skladu s HRN EN 12210; 2001.

Voditelj laboratorija  
Mr. sc. **Stjepan Šilhard-Kučević**, dipl. ing. kem. tehn.

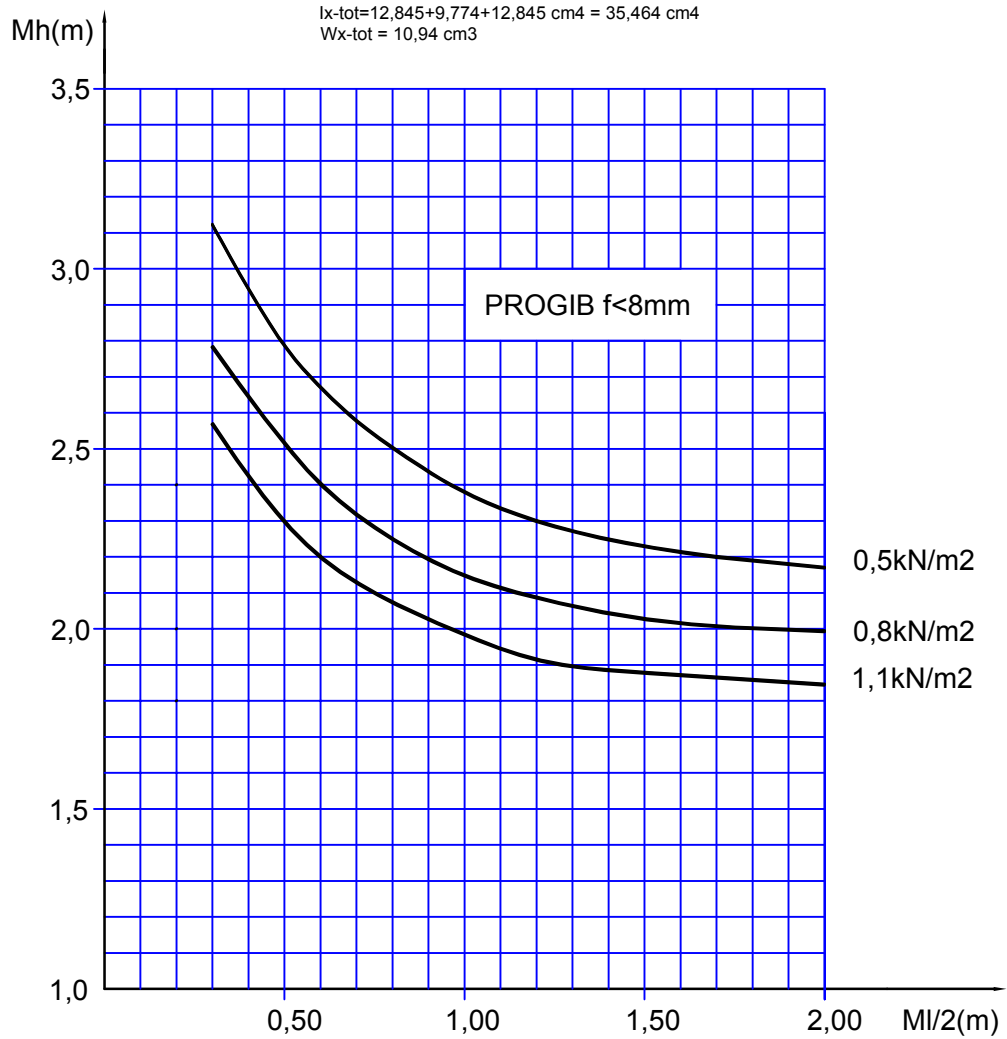
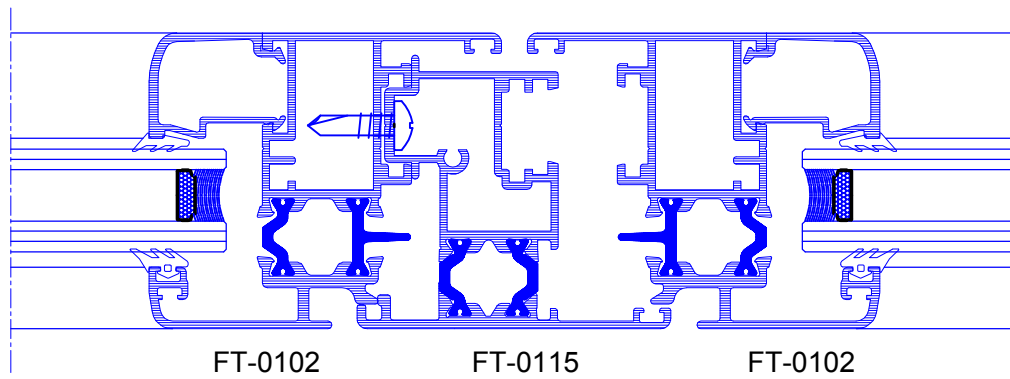
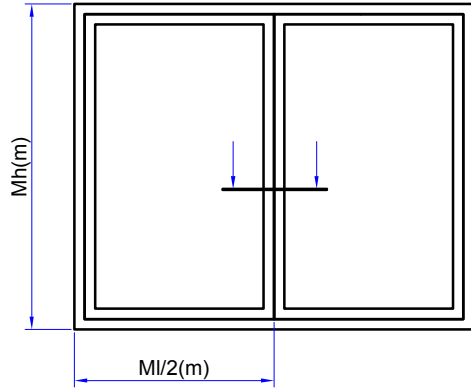
**REZULTATI ISPITIVANJA** toplinske prohodnosti (koeficijent prolaza topline  $k$ ) profila za izradu prozora i vrata serije TERMO 50.


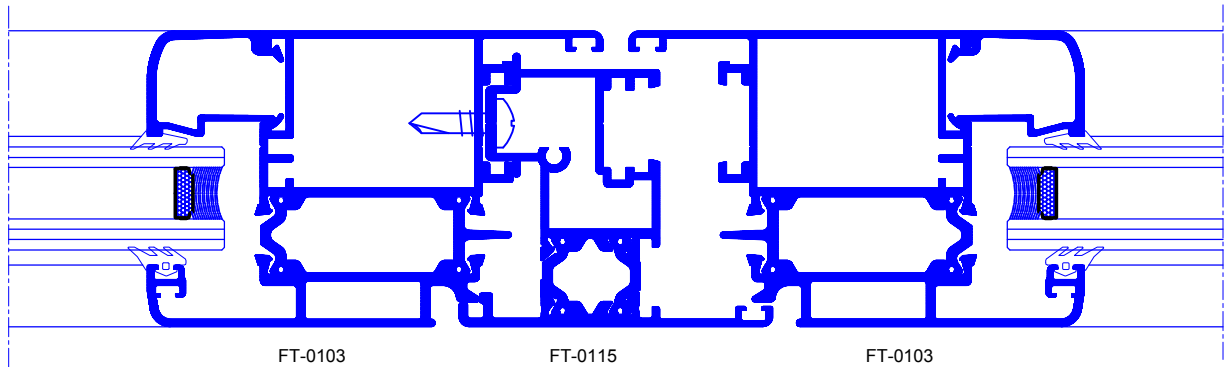
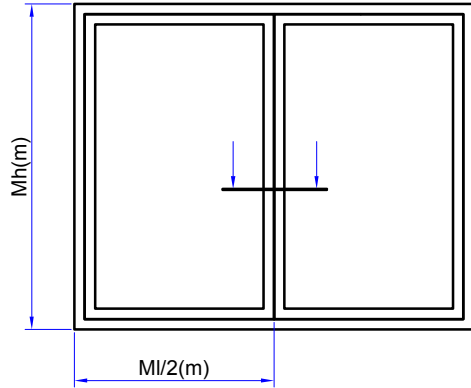
U skladu s HRN U.J5.510:1987, koeficijent prolaza topline profila krila iznosi  $k=2.3 \text{ WK}^{-1}\text{m}^2$



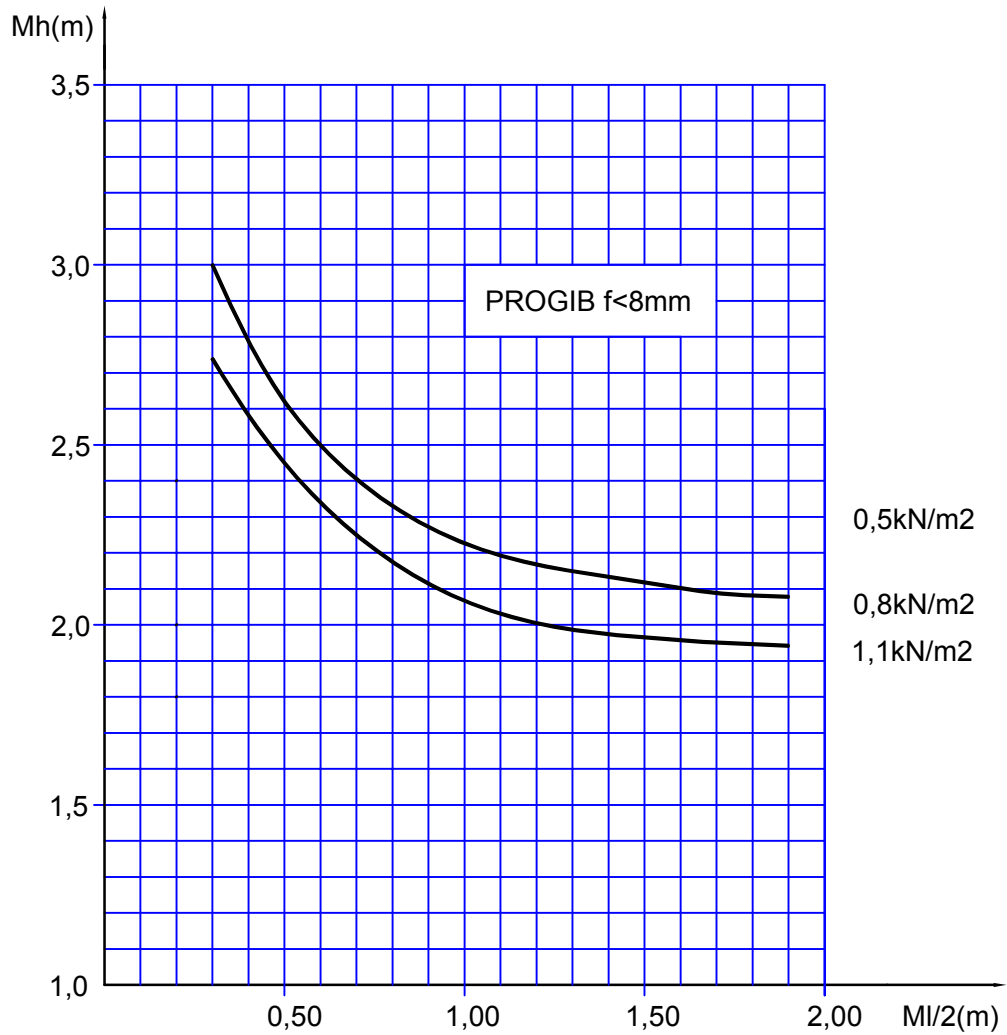
U skladu s HRN U.J5.510:1987, koeficijent prolaza topline profila doprozornika iznosi  $k=2.4 \text{ WK}^{-1}\text{m}^2$


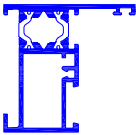
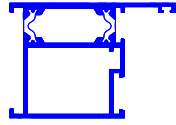
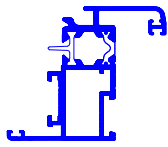
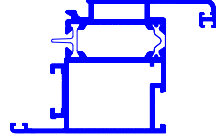
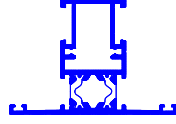
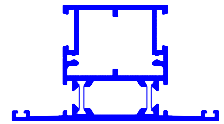
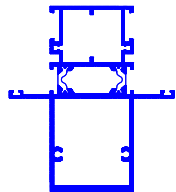
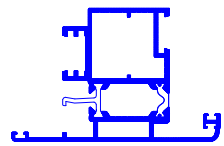
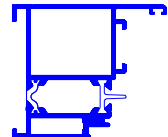
Voditelj laboratorija  
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


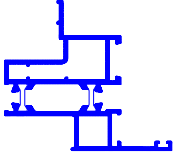
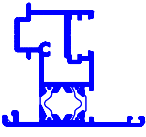
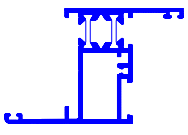
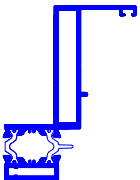

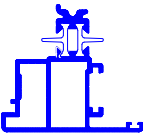
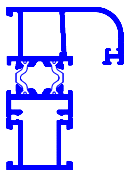




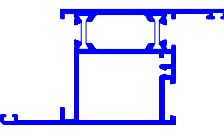
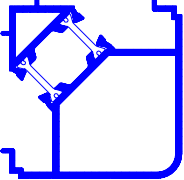
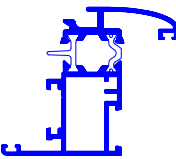
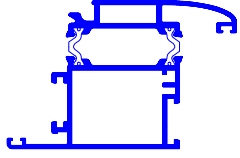
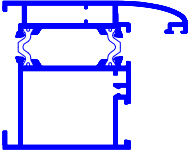
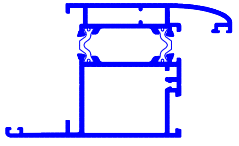

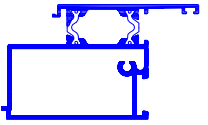



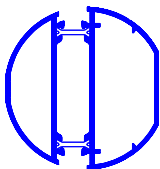








$I_{x-tot} = 17,16 + 9,774 + 17,16 \text{ cm}^4 = 44,094 \text{ cm}^4$   
 $W_{x-tot} = 13,415 \text{ cm}^3$















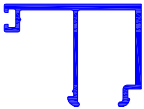



Oznaka	 Izgled-presjek	Težina /kg/ml/	Opseg /mm/	Ix /cm <sup>4</sup> /	Wx <sub>3</sub> /cm <sup>3</sup> /
FT-0100		1.081	281	12.08	
FT-0101		1.419	320	16.31	
FT-0102		1.386	402	19.00	
FT-0103		1.804	435	25.01	
FT-0104		1.270	341	13.03	
FT-0105		1.548	375	16.99	
FT-0106		2.501	515	86.65	
FT-0107		1.734	478	22.53	
FT-0110		1.555	334	22.55	

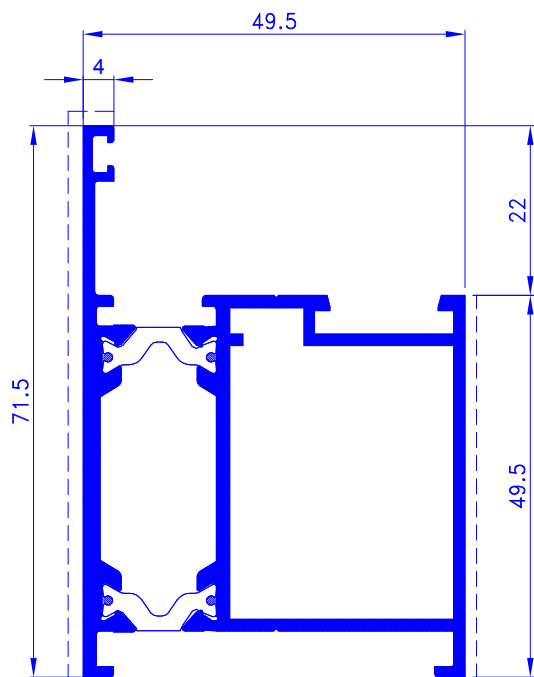
Oznaka	 Izgled-presjek	Težina /kg/ml/	Opseg /mm/	Ix /cm <sup>4</sup> /	Wx <sub>3</sub> /cm <sup>3</sup> /
FT-0112		3.030	584	37.60	
FT-0113		2.926	531	34.35	
FT-0114		1.507	360	13.81	
FT-0115		1.316	343	14.69	
FT-0116		1.228	342	15.77	
FT-0117		1.377	308	32.74	
FT-0118		1.305	290	19.89	
FT-0119		1.228	335	15.01	
FT-0120		1.538	408	25.43	

Oznaka	 Izgled-presjek	Težina /kg/ml/	Opseg /mm/	Ix /cm <sup>4</sup> /	Wx <sub>3</sub> /cm <sup>3</sup> /
FT-0121		0.770	234	6.82	
FT-0122		1.557	446	20.19	
FT-0128		1.289	294	13.44	
FT-0130		1.332	379	18.23	
FT-0131		1.743	416	24.37	
FT-0132		1.597	370	21.88	
FT-0141		1.735	427		
FT-0142		1.327	420	3.36	
FT-0145		1.498	337		

Oznaka	 Izgled-presjek	Težina /kg/ml/	Opseg /mm/	I <sub>x</sub> /cm <sup>4</sup> /	W <sub>x</sub> /cm <sup>3</sup> /
FT-0217		1.780	269	31.23	
F-0735		0.418	166		
P45-648		0.257	140		
060 350		0.285	107		
F-0228		0.153	68		
NC-1459		0.156			
M45-709		0.258	153		
M45-740		0.258	148		
Z40-656		0.215	107		

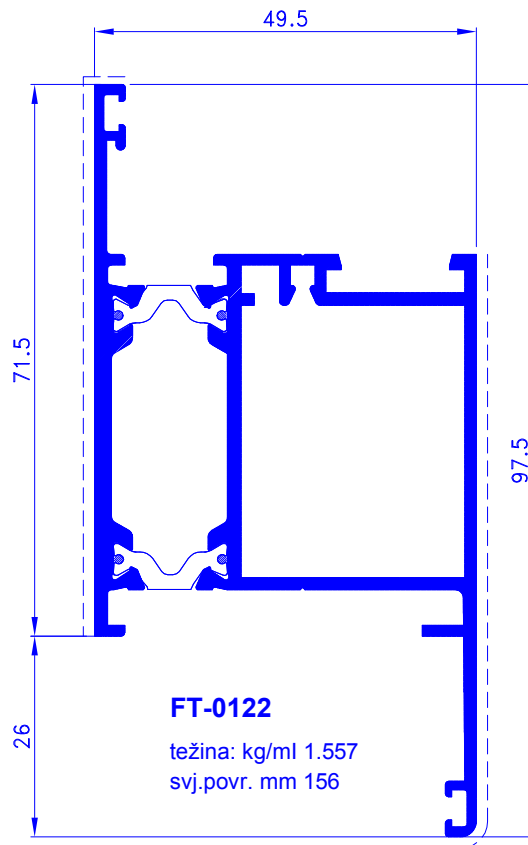
Oznaka	 Izgled-presjek	Težina /kg/ml/	Opseg /mm/	$I_x$ /cm <sup>4</sup> /	$W_x$ /cm <sup>3</sup> /
Z40-657		0.186	73		
Z40-636		0.261	141		
Z40-644		0.275	166		
Z40-646		0.286	157		
Z40-647		0.226	137		
Z40-648		0.268	125		
Z40-649		0.221	105		
Z40-653		0.348	201		
Z40-653/B		0.356	199		

Oznaka	 Izgled-presjek	Težina /kg/ml/	Opseg /mm/	$I_x$ /cm <sup>4</sup> /	$W_x$ /cm <sup>3</sup> /
Z40-658		0.318	184		
Z40-659		0.359	204		
Z40-660		0.179	89		
Z40-661		0.314	146		
Z40-662		0.245	116		



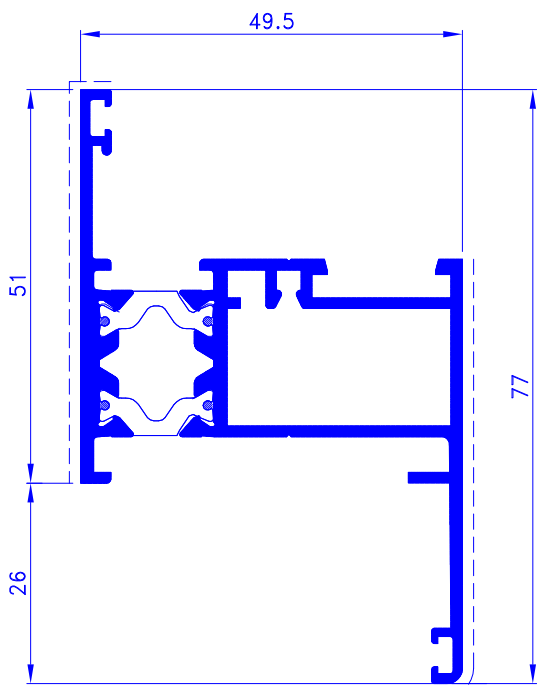
**FT-0101**

težina: kg/ml 1.419  
svj.povr. mm 126



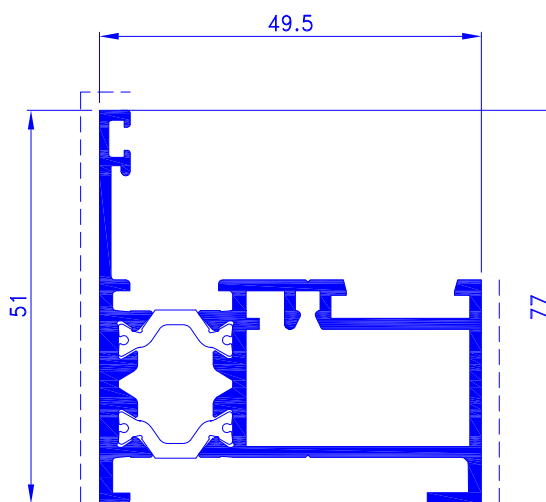
**FT-0122**

težina: kg/ml 1.557  
svj.povr. mm 156



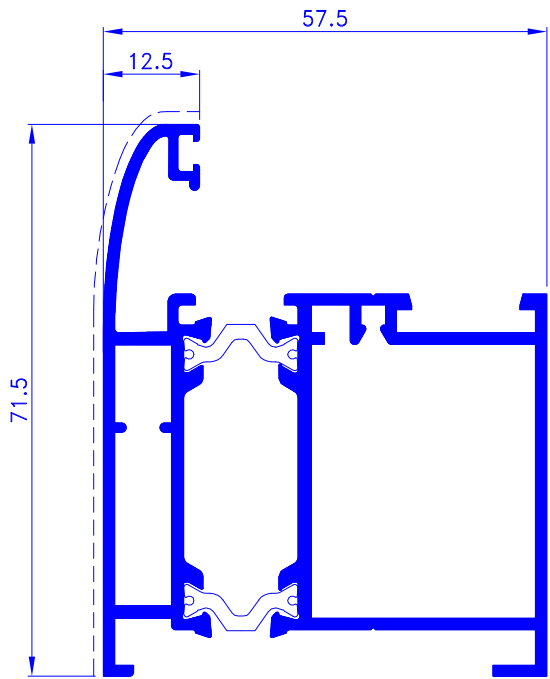
**FT-0116**

težina: kg/ml 1.228  
svj.povr. mm 115



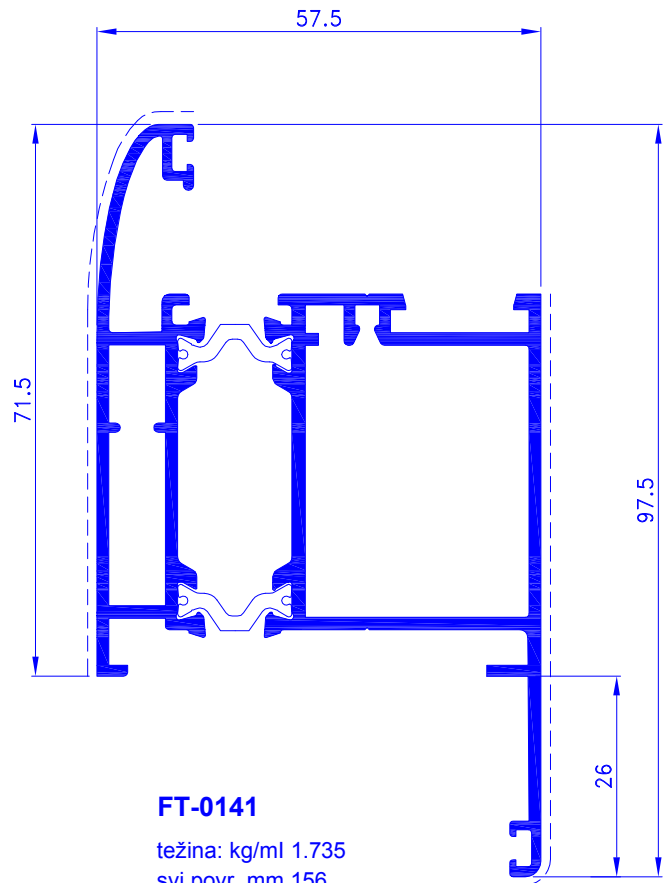
**FT-0100**

težina: kg/ml 1.081  
svj.povr. mm 85



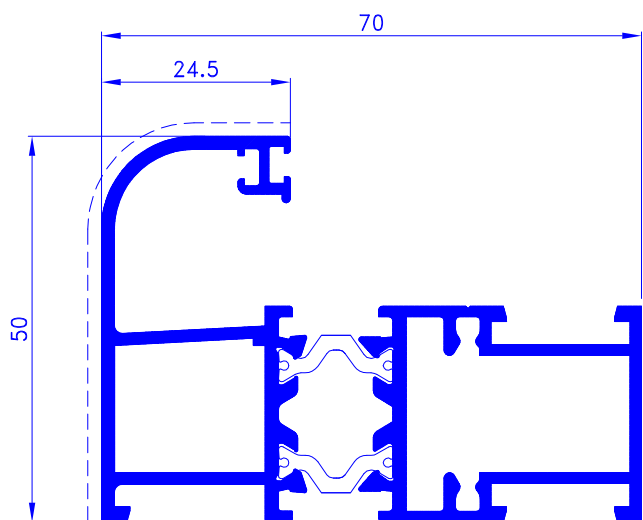
**FT-0132**

težina: kg/ml 1.597  
svj.povr. mm 130



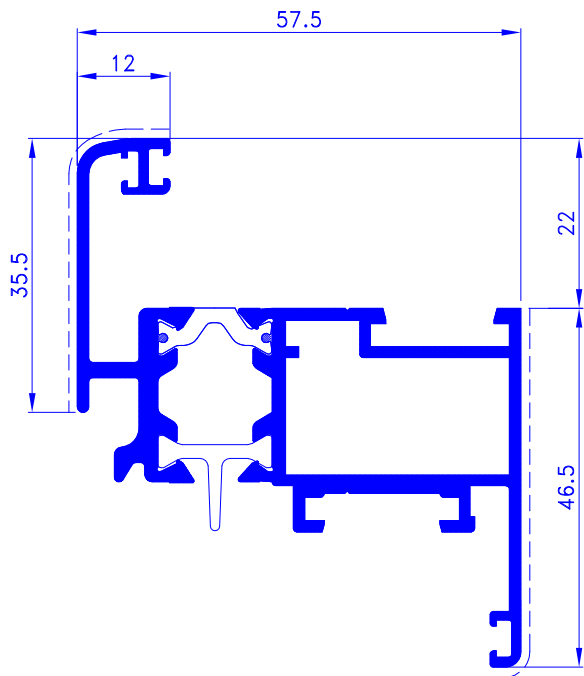
**FT-0141**

težina: kg/ml 1.735  
svj.povr. mm 156



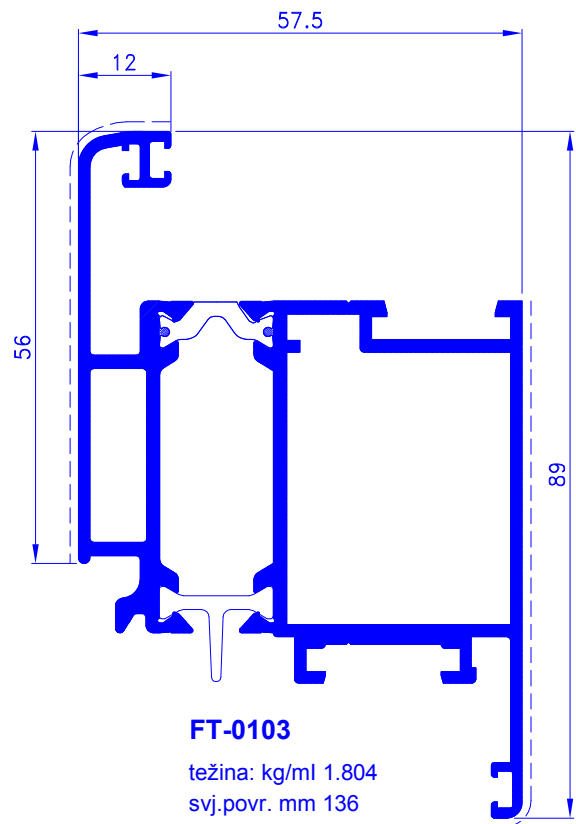
**FT-0120**

težina: kg/ml 1.538  
svj.povr. mm 97



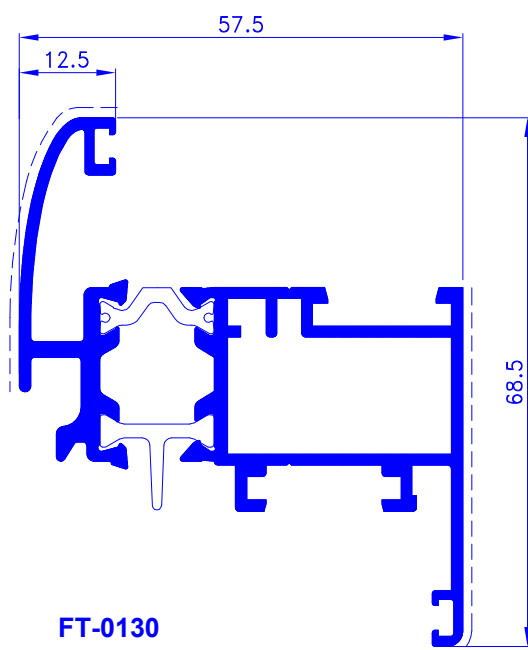
**FT-0102**

težina: kg/ml 1.386  
svj.povr. mm 95



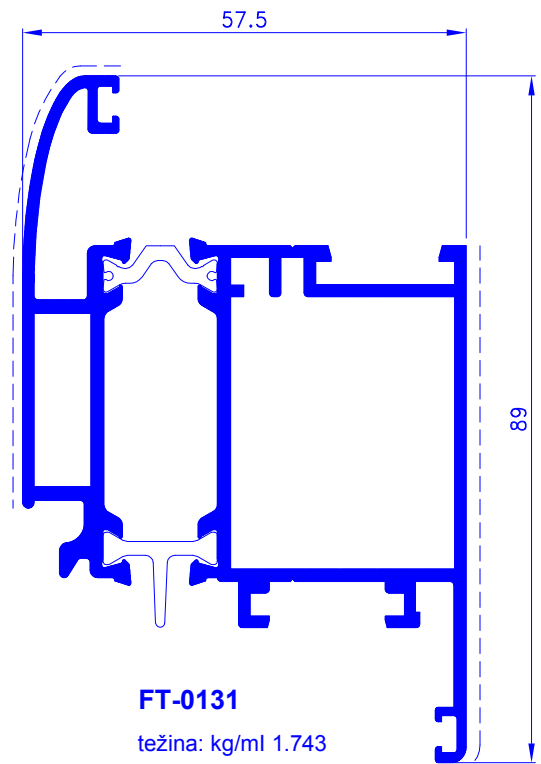
**FT-0103**

težina: kg/ml 1.804  
svj.povr. mm 136



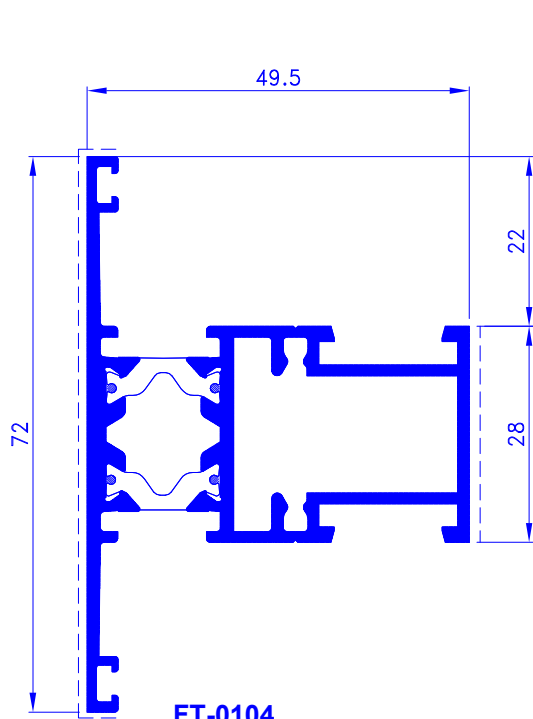
**FT-0130**

težina: kg/ml 1.332  
svj.povr. mm 97



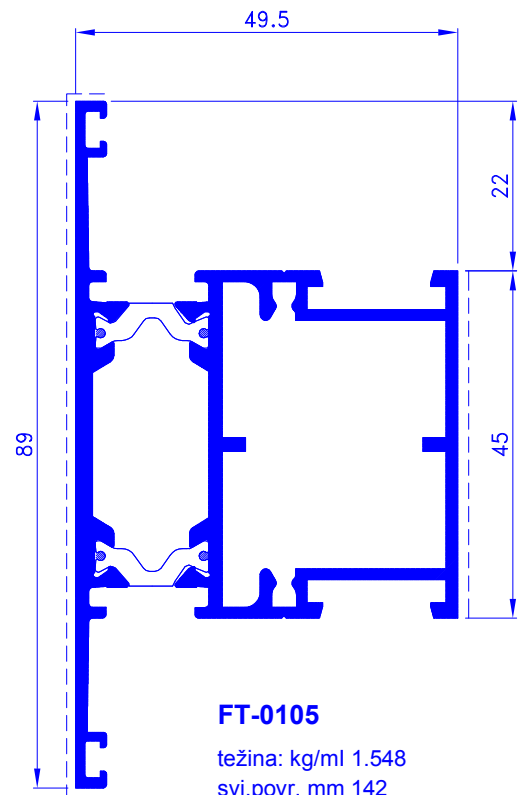
**FT-0131**

težina: kg/ml 1.743  
svj.povr. mm 138



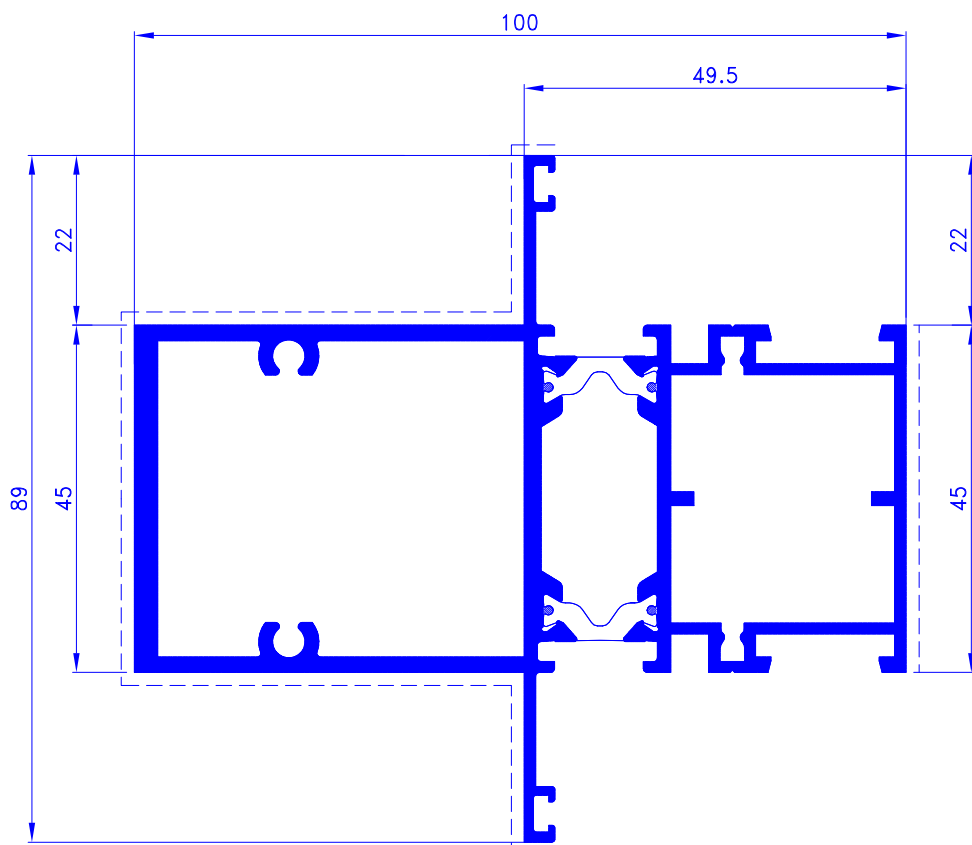
**FT-0104**

težina: kg/ml 1.270  
svj.povr. mm 108



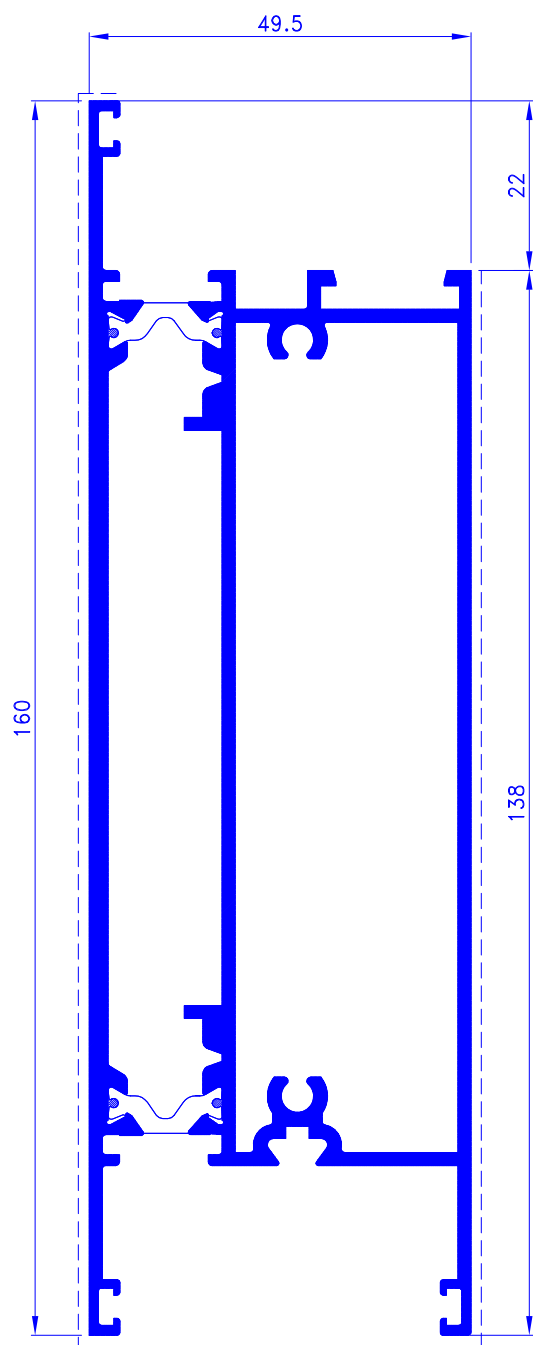
**FT-0105**

težina: kg/ml 1.548  
svj.povr. mm 142



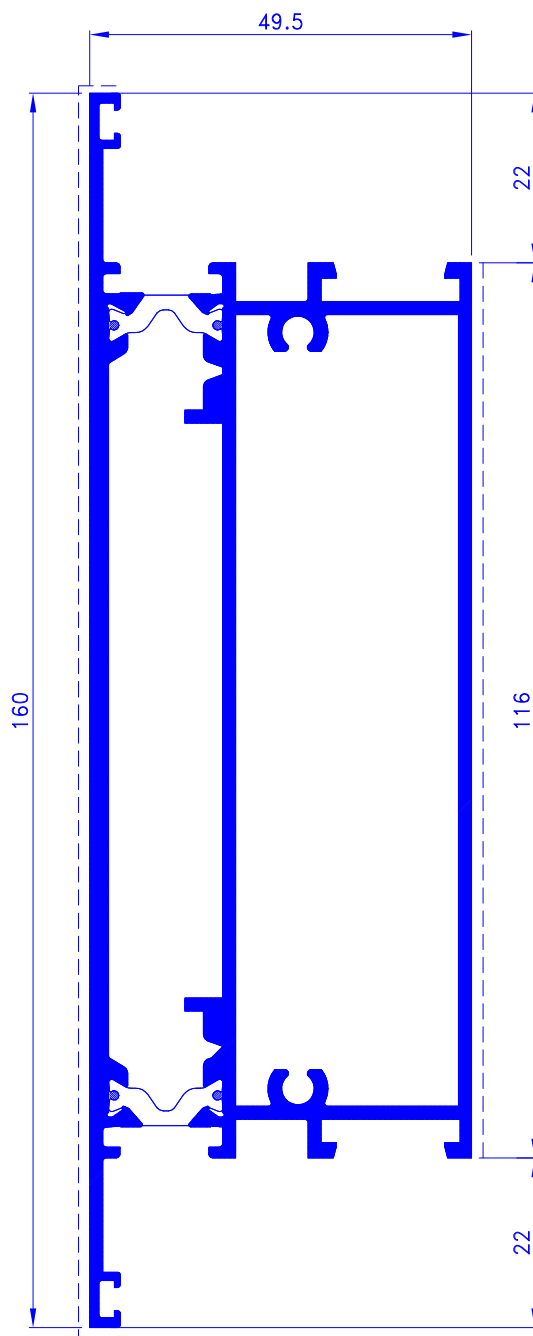
**FT-0106**

težina: kg/ml 2.501  
svj.povr. mm 284



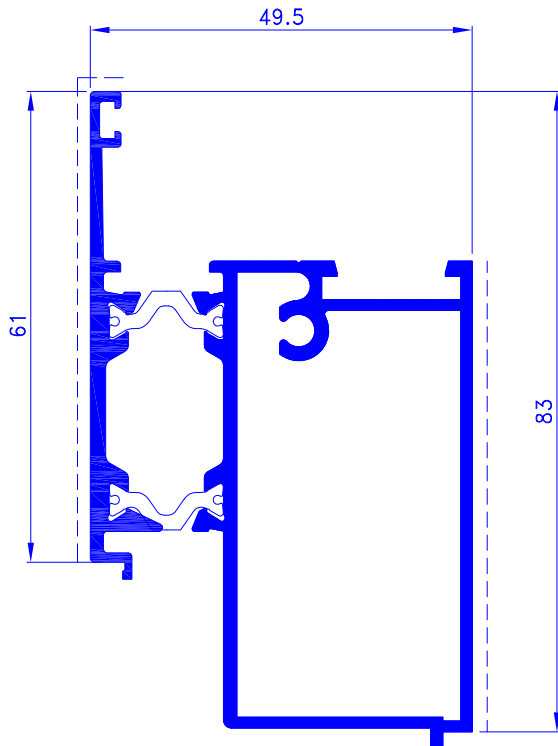
**FT-0112**

težina: kg/ml 3.030  
svj.povr. mm 310



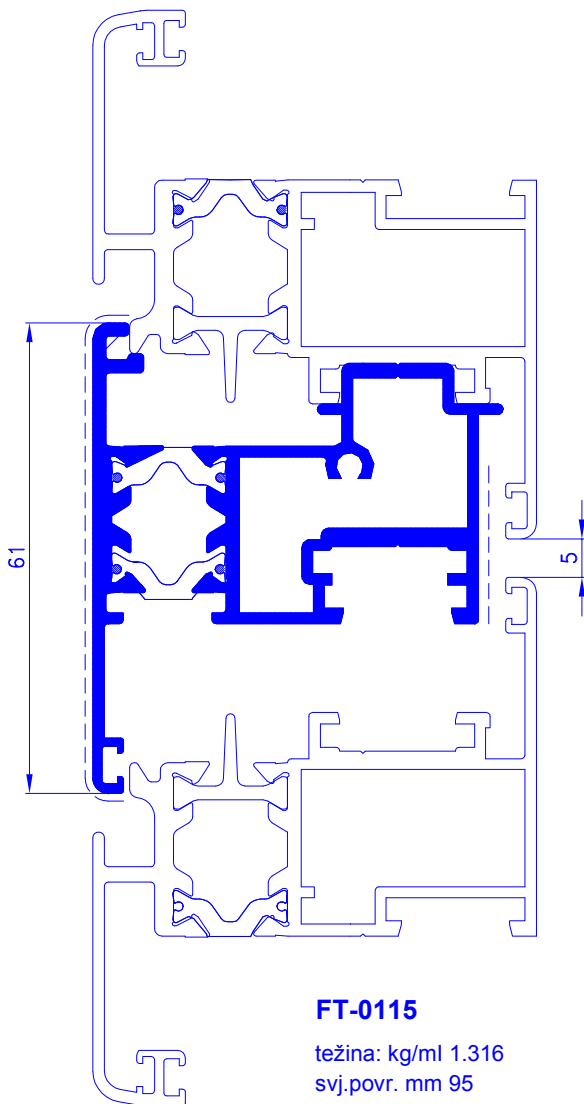
**FT-0113**

težina: kg/ml 2.926  
svj.povr. mm 284



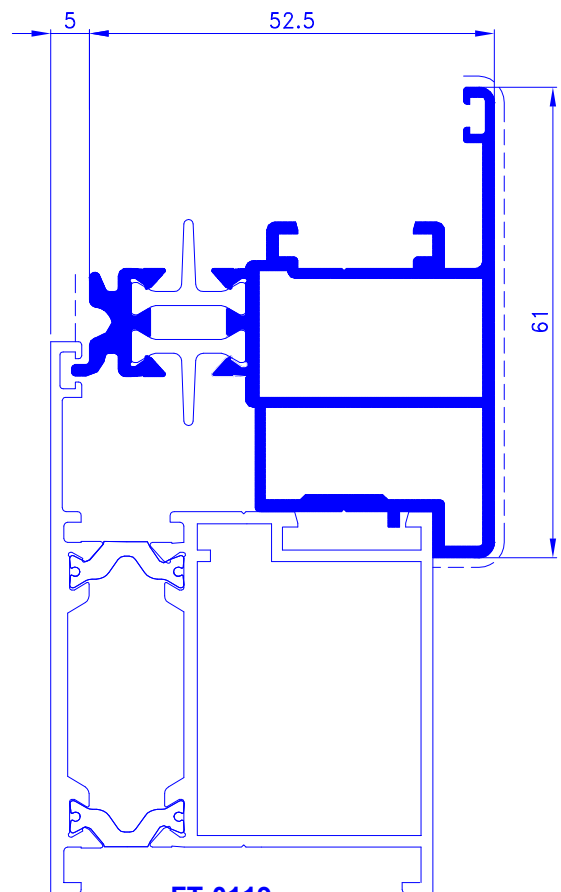
**FT-0145**

težina: kg/ml 1.498  
svj.povr. mm126



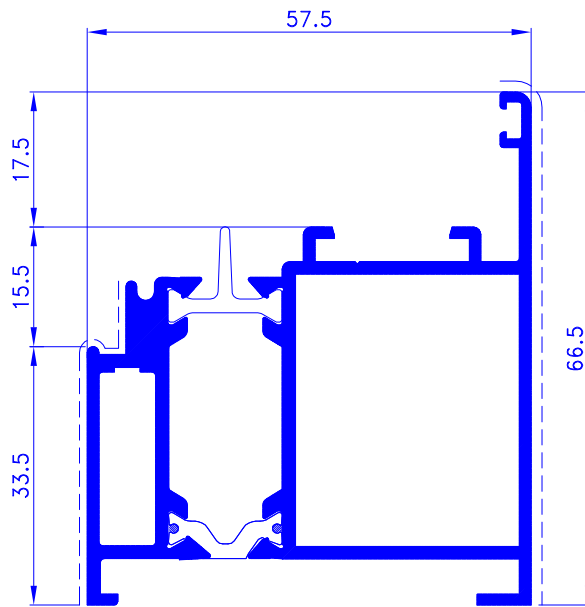
**FT-0115**

težina: kg/ml 1.316  
svj.povr. mm 95



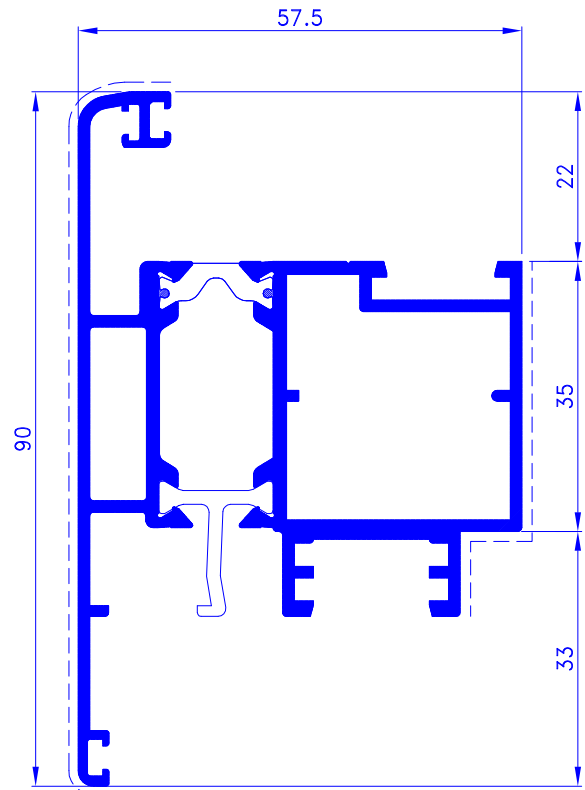
**FT-0119**

težina: kg/ml 1.228  
svj.povr. mm 85



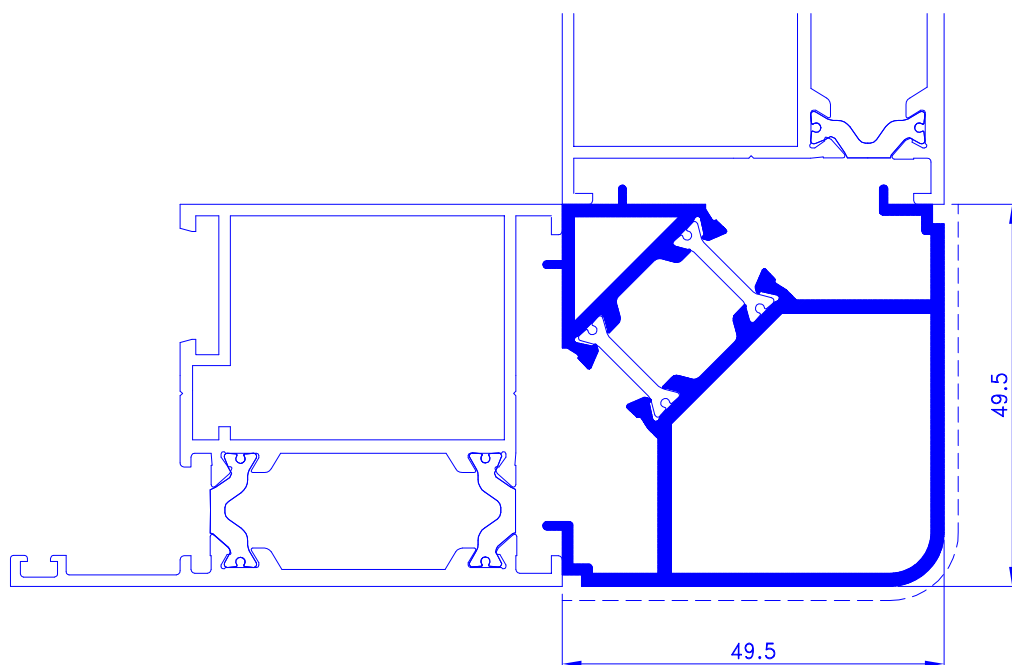
**FT-0110**

težina: kg/ml 1.555  
svj.povr. mm 119



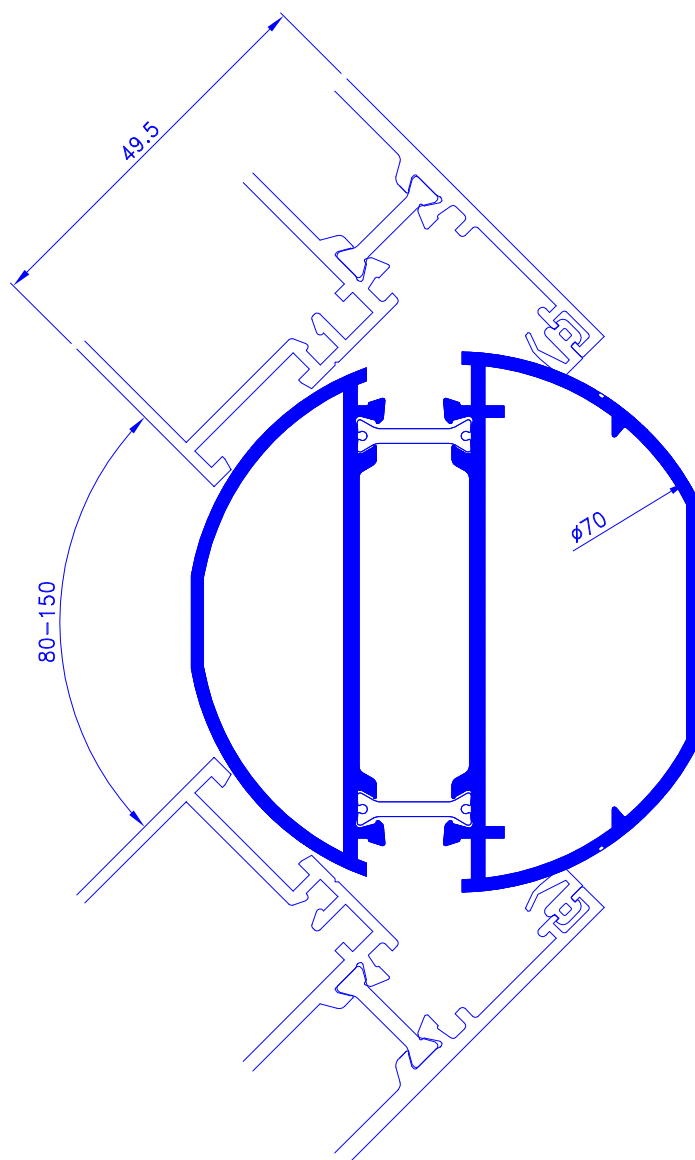
**FT-0107**

težina: kg/ml 1.734  
svj.povr. mm 162



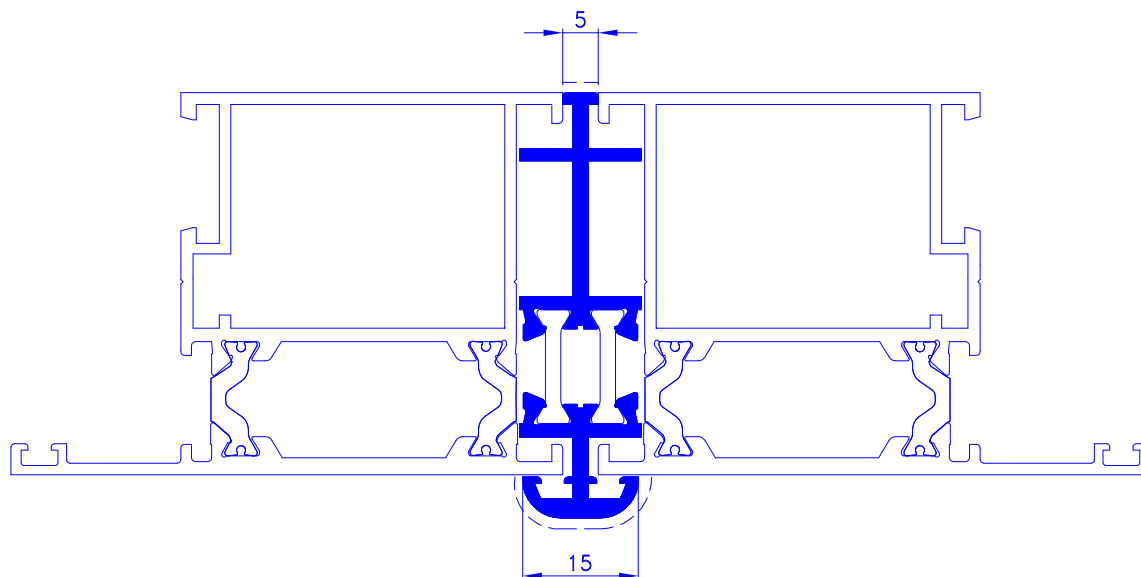
**FT-0128**

težina: kg/ml 1.289  
svj.povr. mm 99



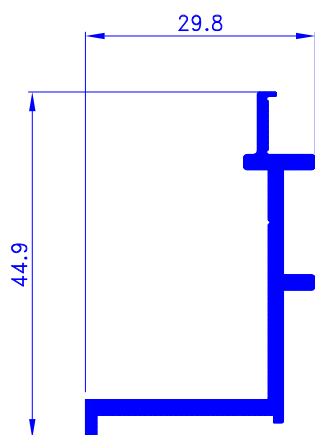
**FT-0217**

težina: kg/ml 1.780



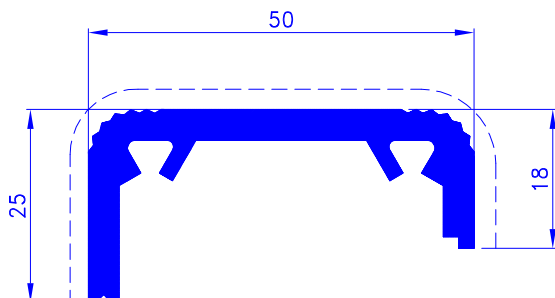
**FT-0121**

težina: kg/ml 0.770  
svj.povr. mm 26



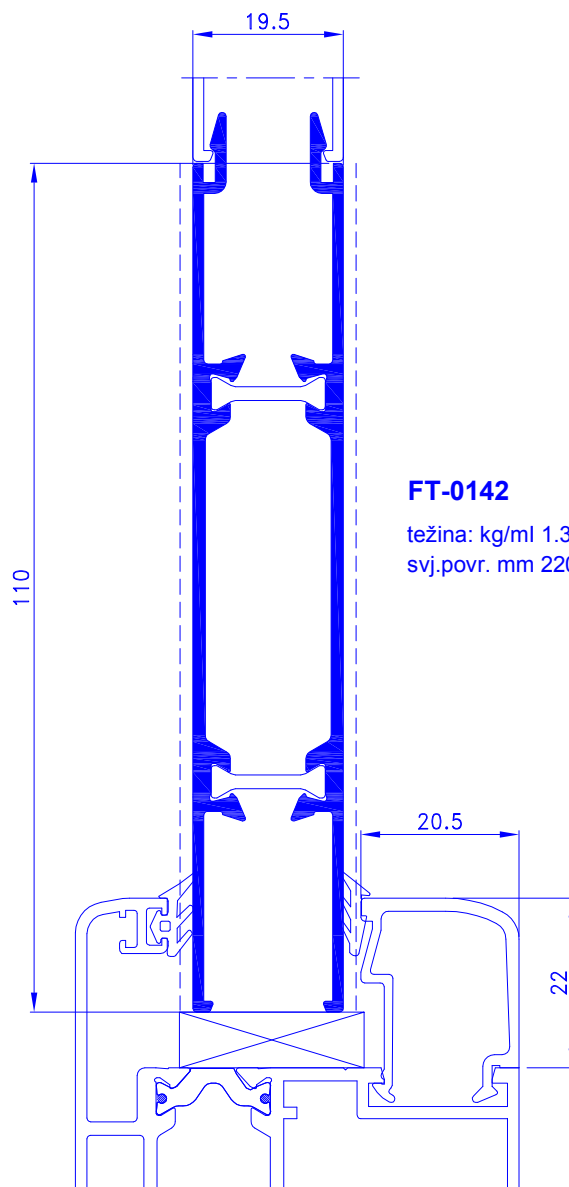
**F-0735**

težina: kg/ml 0.418



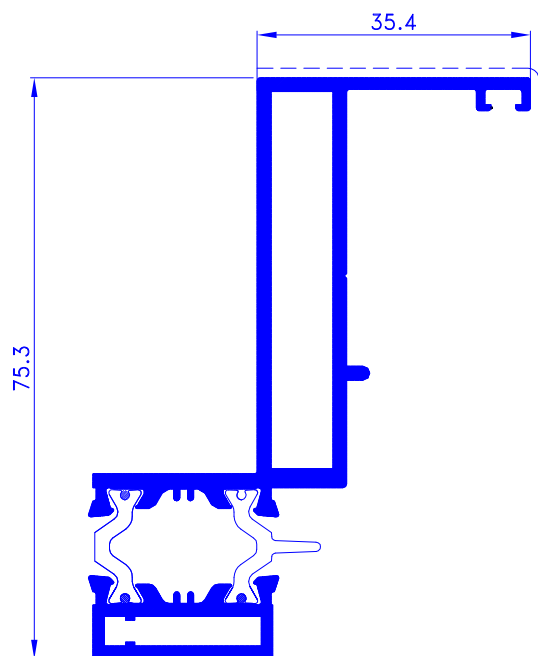
**F-0606**

težina: kg/ml 0.960  
svj.povr. mm 93



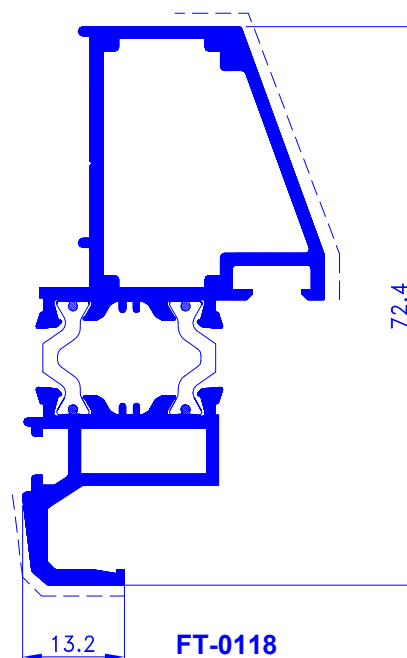
**FT-0142**

težina: kg/ml 1.327  
svj.povr. mm 220



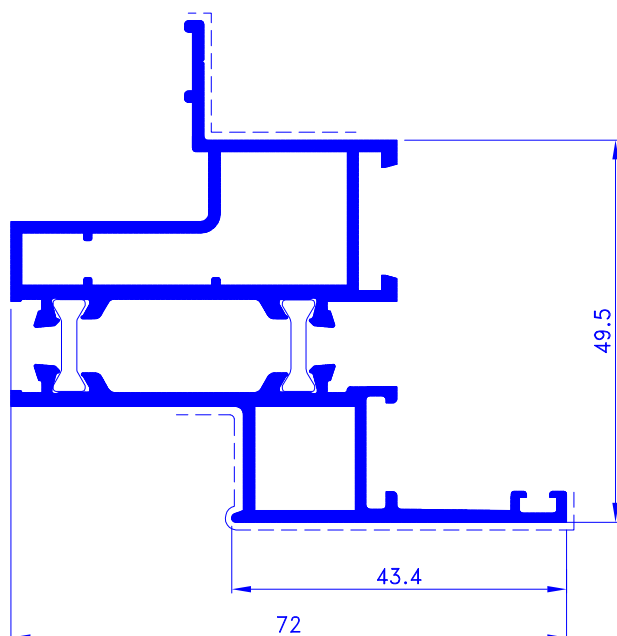
**FT-0117**

težina: kg/ml 1.377  
svj.povr. mm 41



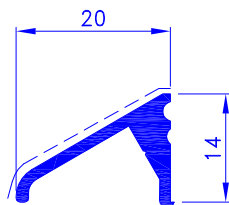
**FT-0118**

težina: kg/ml 1.305  
svj.povr. mm 73



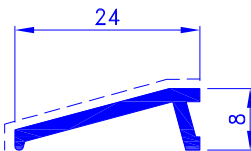
**FT-0114**

težina: kg/ml 1.507  
svj.povr. mm 109



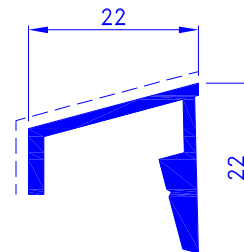
**Z40-657**

težina: kg/ml 0.186  
svj.povr. mm 23



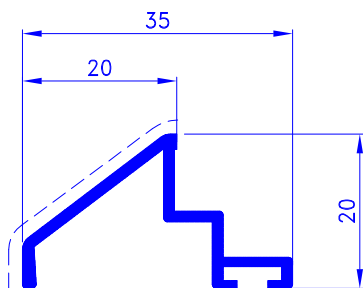
**F-0228**

težina: kg/ml 0.153  
svj.povr. mm 27



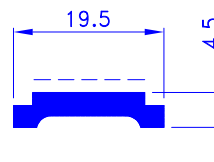
**060 350**

težina: kg/ml 0.285  
svj.povr. mm 31



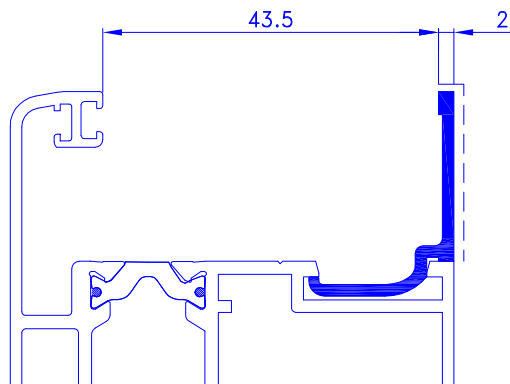
**P45-648**

težina: kg/ml 0.257  
svj.povr. mm 33



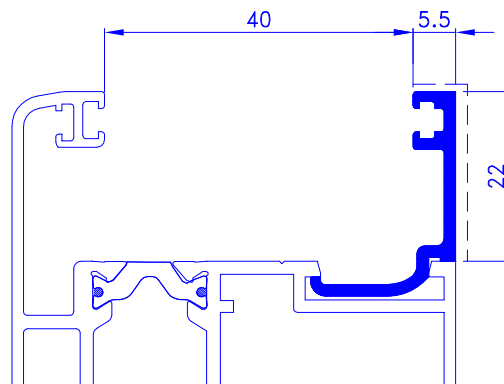
**NC-1459**

težina: kg/ml 0.156  
svj.povr. mm 15



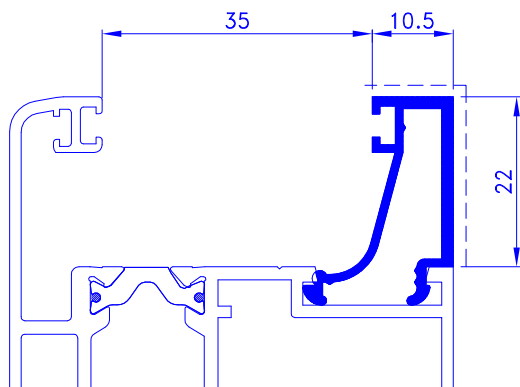
**Z40-660**

težina: kg/ml 0.179  
svj.povr. mm 24



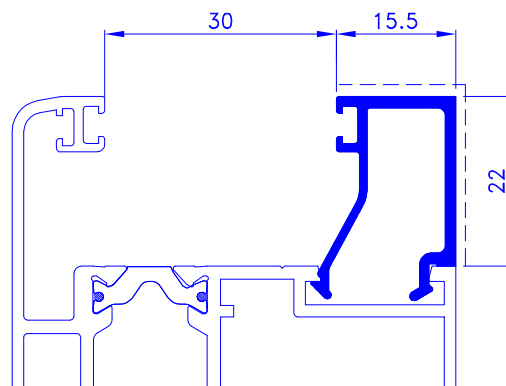
**Z40-656**

težina: kg/ml 0.215  
svj.povr. mm 27



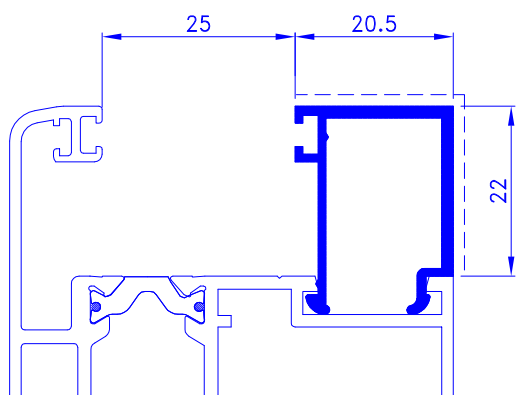
**Z40-636**

težina: kg/ml 0.261  
svj.povr. mm 32



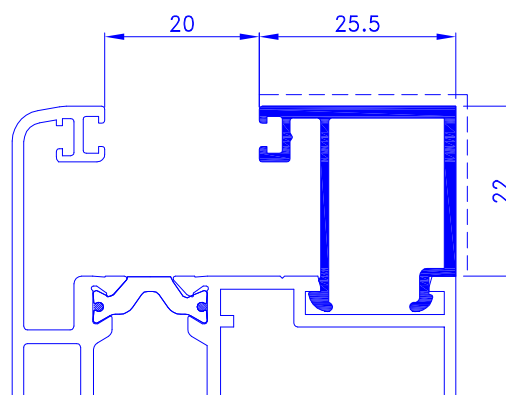
**M45-709**

težina: kg/ml 0.258  
svj.povr. mm 37



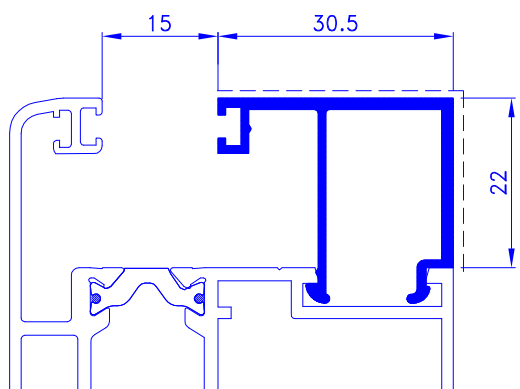
**Z40-644**

težina: kg/ml 0.275  
svj.povr. mm 42



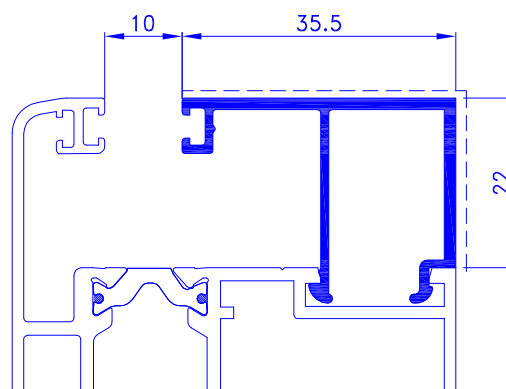
**Z40-658**

težina: kg/ml 0.318  
svj.povr. mm 47



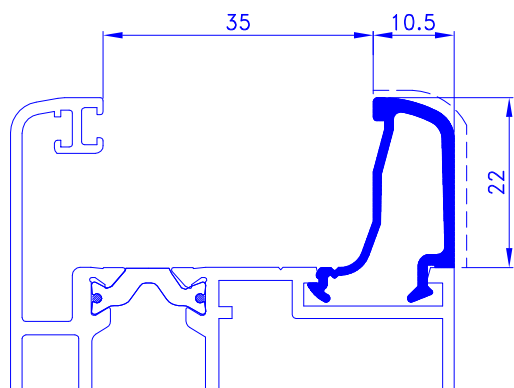
**Z40-653**

težina: kg/ml 0.347  
svj.povr. mm 52



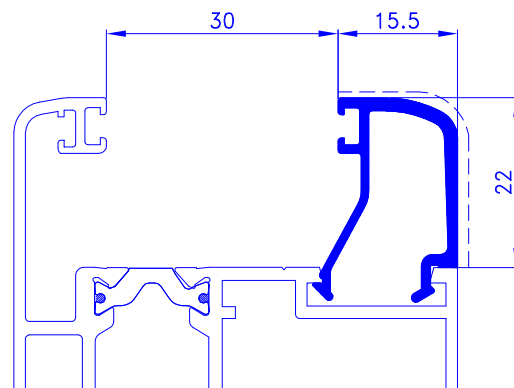
**Z40-659**

težina: kg/ml 0.359  
svj.povr. mm 57



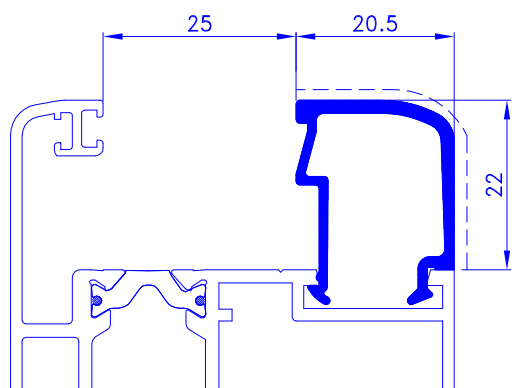
**Z40-647**

težina: kg/ml 0.226  
svj.povr. mm 30



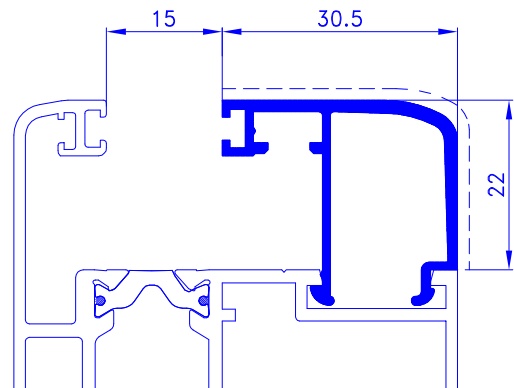
**M45-740**

težina: kg/ml 0.258  
svj.povr. mm 35



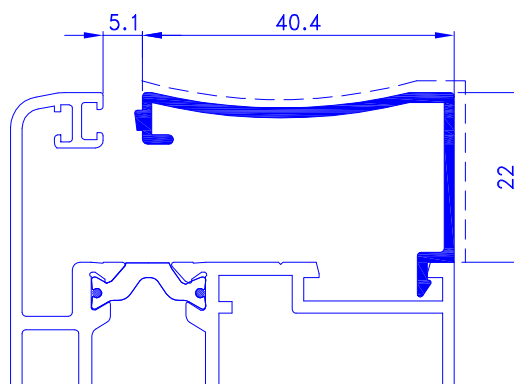
**Z40-646**

težina: kg/ml 0.286  
svj.povr. mm 40



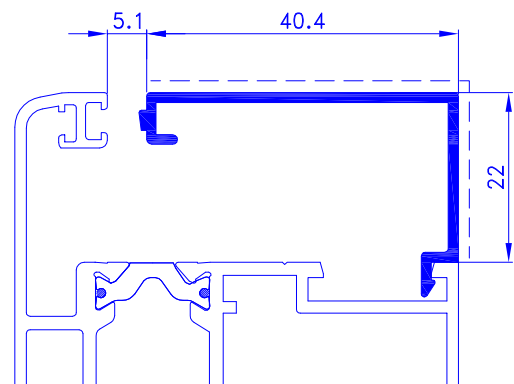
**Z40-653/B**

težina: kg/ml 0.356  
svj.povr. mm 53



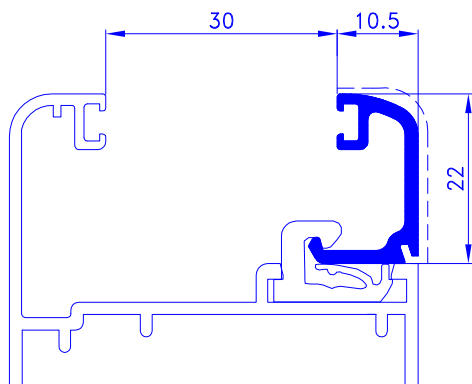
**M45-755**

težina: kg/ml 0.274  
svj.povr. mm 64



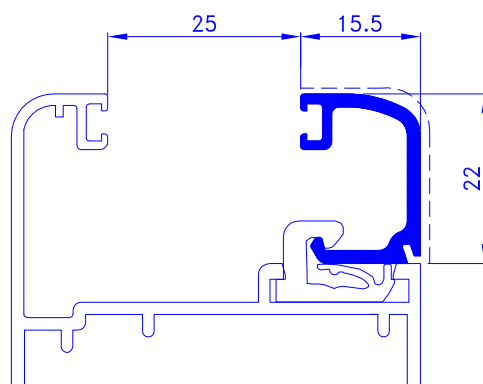
**M45-753**

težina: kg/ml 0.274  
svj.povr. mm 63



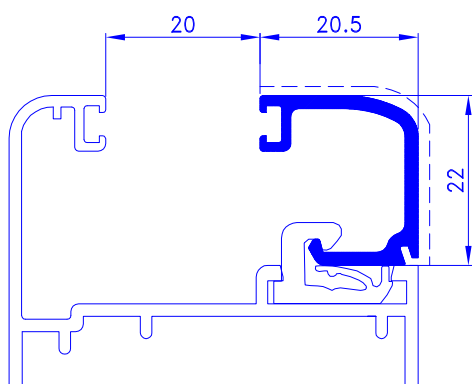
**Z40-649**

težina: kg/ml 0.221  
svj.povr. mm 30



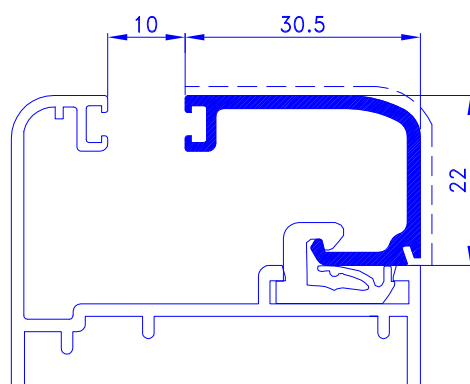
**Z40-662**

težina: kg/ml 0.245  
svj.povr. mm 35



**Z40-648**

težina: kg/ml 0.268  
svj.povr. mm 40



**Z40-661**

težina: kg/ml 0.268  
svj.povr. mm 50