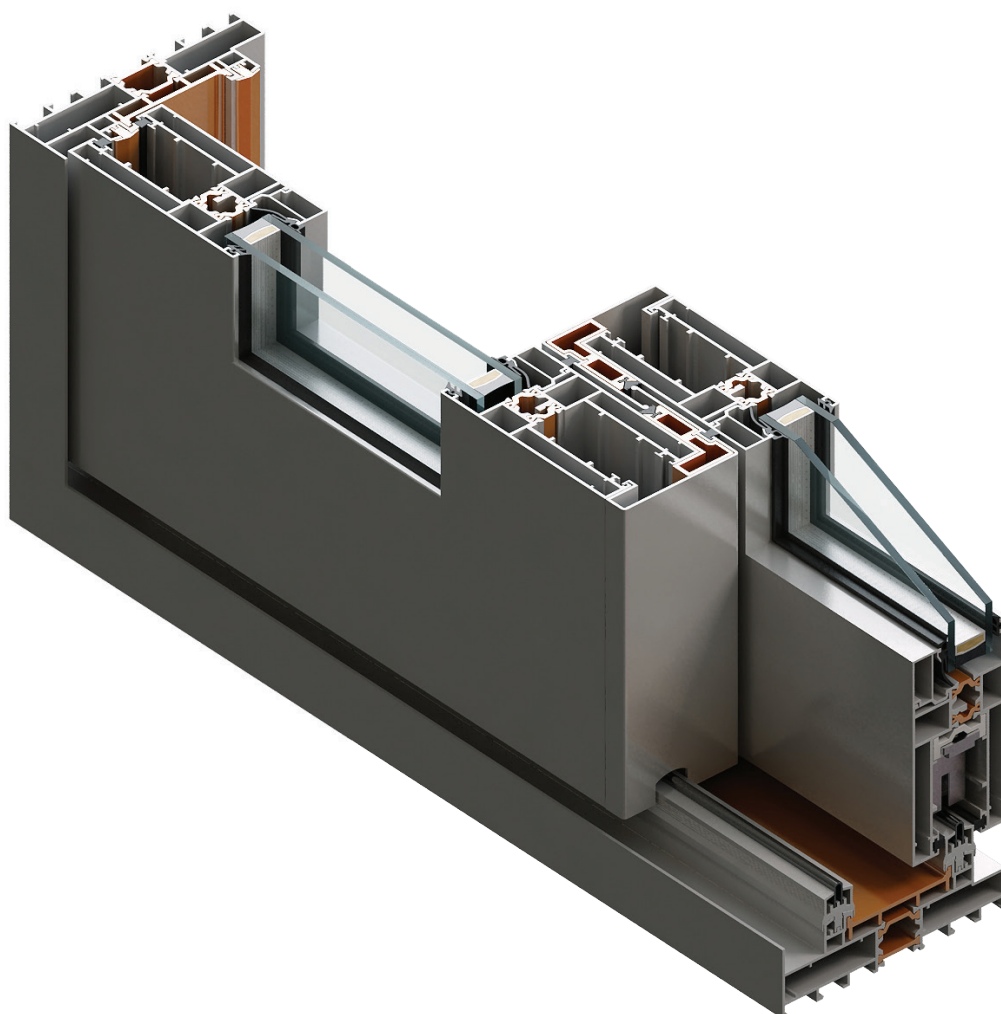


# FEAL



## TERMO 120

PODIZNO-KLIZNA VRATA  
*LIFT & SLIDE DOORS*

Knjiga A / *Book A*

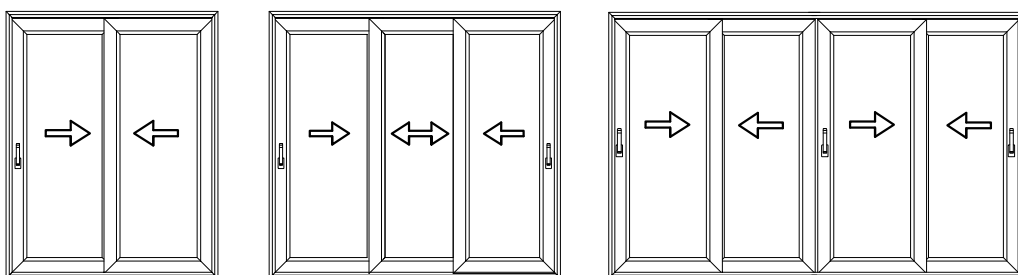


**SADRŽAJ**

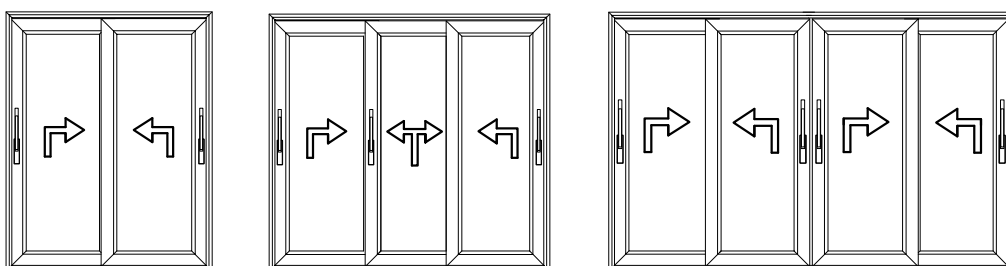
01	ZNAČAJKE SISTEMA	403.01.000-005
02	ISPITIVANJA I CERTIFIKATI	403.02.000-006
03	PROFILI	403.03.000-029
04	PRIKAZ STAKLJENJA	403.04.000-005
05	PRESJECI TERMO 120 (klizno)	403.05.000-013
05	PRESJECI TERMO 120 (podizno klizno)	403.05.014-023
05	PRESJECI TERMO 120 plus	403.05.024-045
05	PRESJECI TERMO 120-D	403.05.046-053
05	PRESJECI TERMO 120-D plus	403.05.054-073
05	PRESJECI TERMO 120	403.05.074-085

### TIPOLOGIJA IZRADE

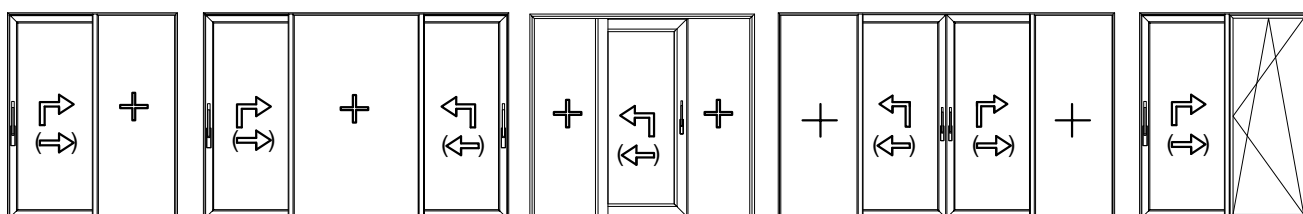
Termo 120 klizno



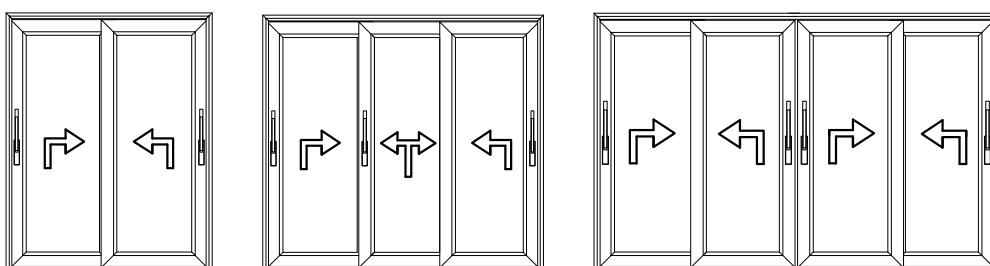
Termo 120 podizno klizno



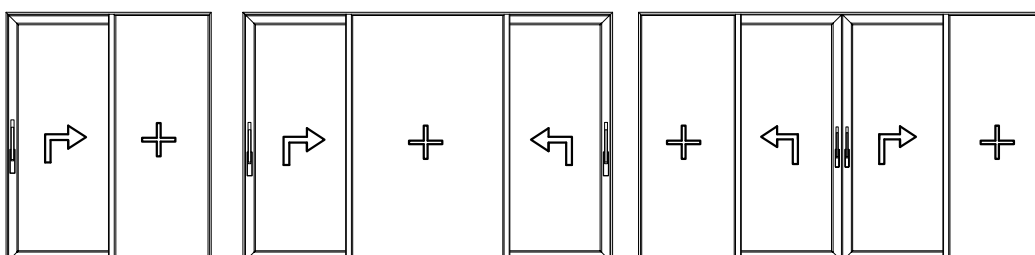
Termo 120 plus



Termo 120-D



Termo 120-D plus

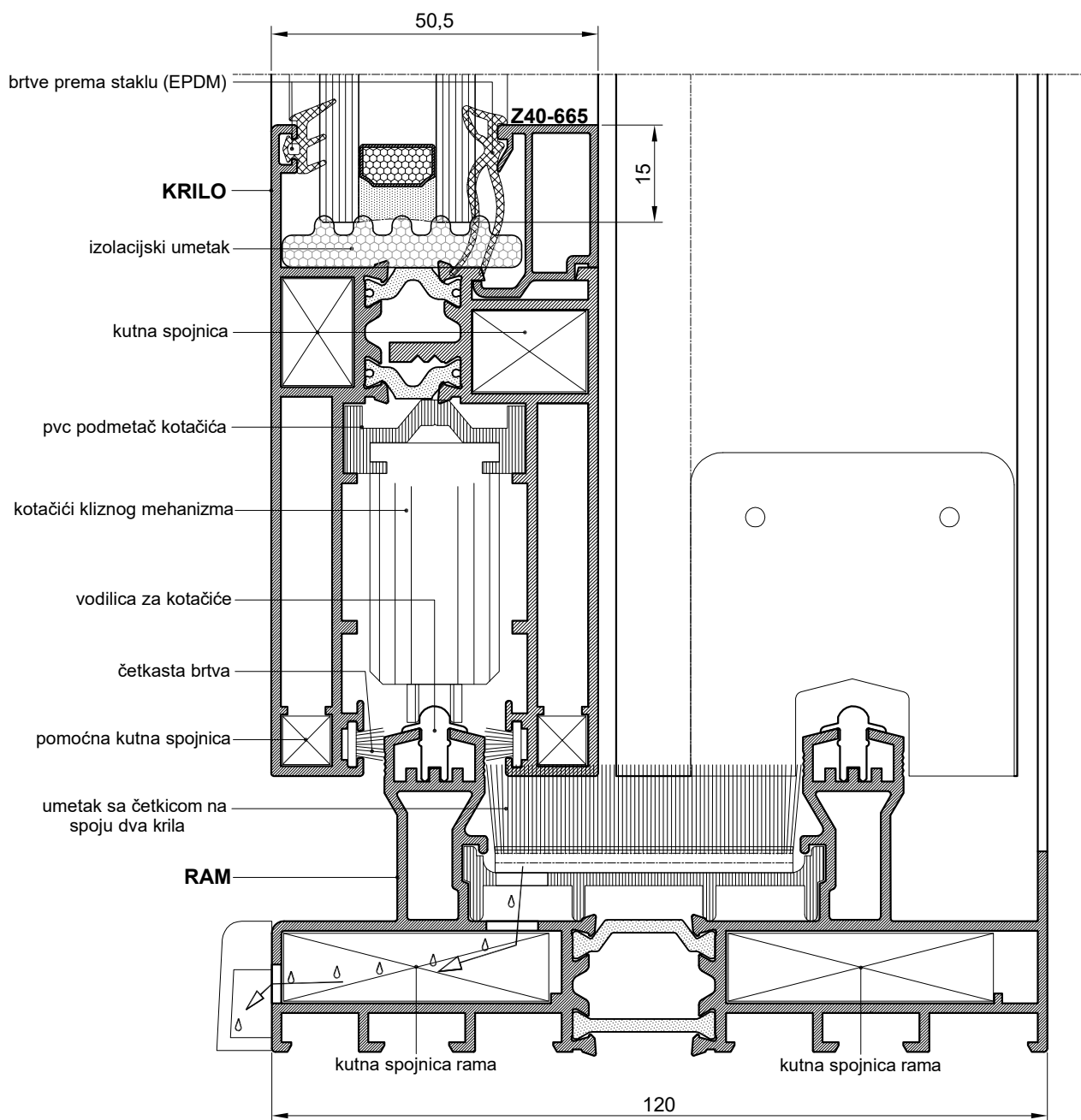




## Značajke sistema



### Klizni sistemi

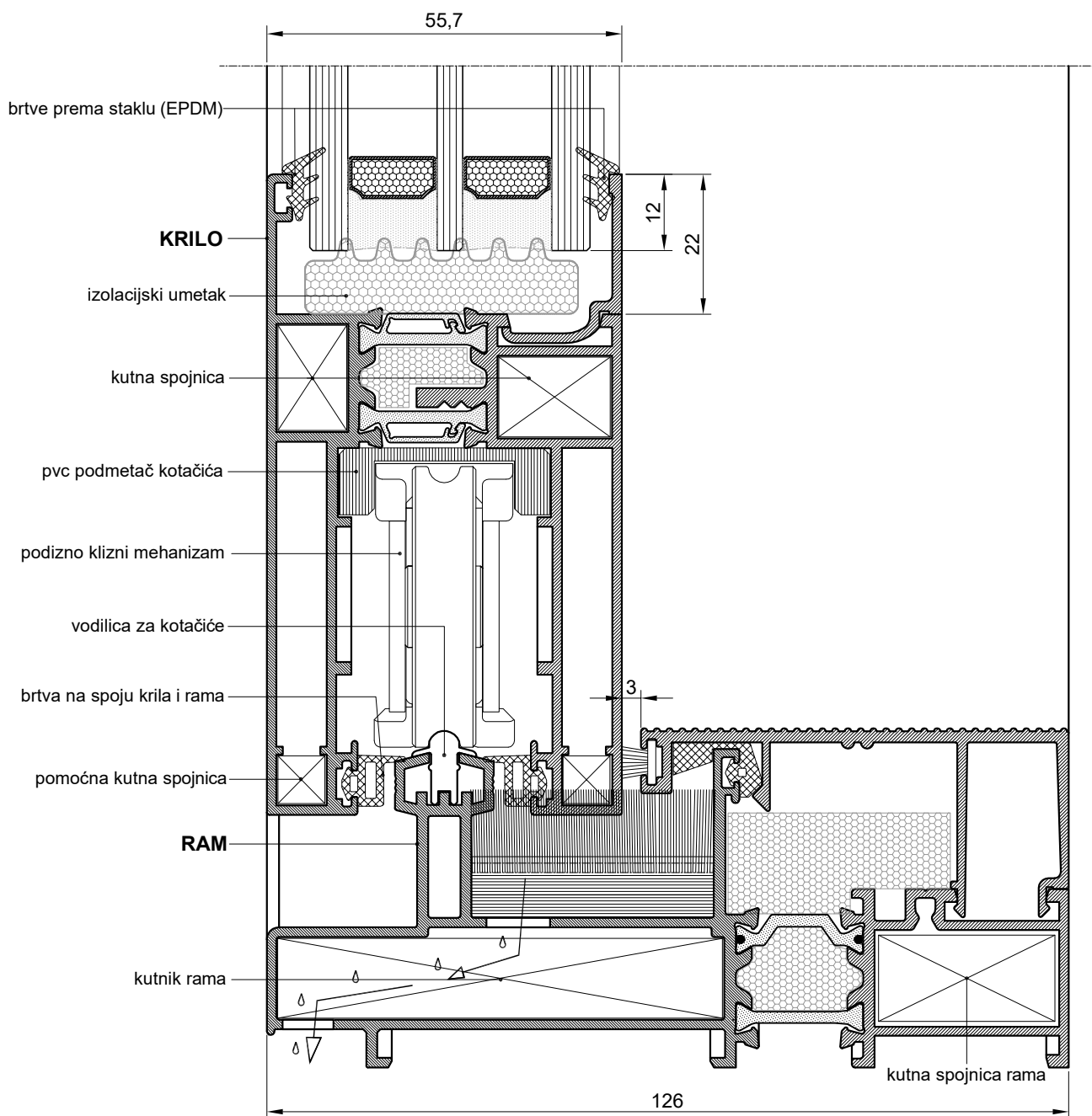


**Klizni sistemi:** RAM: - dvije staze (FT-0701; FT-0703; FT-0720F)  
 - tri staze (FT-0702; FT-0703; FT-0721 F)  
 - sa integriranim fiksnim dijelom (FT-0705; FT-0722 F)

**KRILO:** - FT-0710 .....okov Hautau i Notter  
 - FT-0725F .....okov Hautau  
 - FT-0711 .....okov Hautau

**STAKLO:** - dvoslojno.....debljina 10-37 mm  
 troslojno .....debljina 36-43 mm.....krilo FT-0725 F

## Podizno klizni sistemi



Podizno klizni sistemi: RAM: - dvije staze (FT-0701; FT-0703; FT-0720F)  
 - tri staze (FT-0702; FT-0704; FT-0721F)  
 - sa integriranim fiksnim dijelom (FT-0705; FT-0722F)

KRILO: - FT-0710 .....okov Hautau  
 - FT-0725 F .....okov Hautau  
 - FT-0711 .....okov Hautau

STAKLO: - dvoslojno.....debljina 10-37 mm  
 - troslojno .....debljina 36-43 mm.....krilo FT-0725 F

OPIS SISTEMA TERMO 120

Sistem koristi se za izradu podizno-kliznih i kliznih vrata i sastoji se od grupa:

- **Termo 120:**
  - (dvostruko staklo) - dvokrilni vrata.....(klizno+podizno klizno)
  - trokrilna vrata.....(klizno+podizno klizno)
  - četverokrilna vrata..(klizno+podizno klizno)
- **Termo 120 plus:**
  - (dvostruko staklo) - jedno krilo podizno klizno (klizno)+fiksno
  - dva srednja krila podizno klizna (klizna)+bokovi fiksni
  - srednje krilo podizno klizno (klizno) + bokovi fiksni
  - krila na bokovim podizno klizna (klizna) + sredina fiksna
- **Termo 120-D:**
  - (trostruko staklo) - dvokrilni vrata.....(podizno klizno)
  - trokrilna vrata.....(podizno klizno)
  - četverokrilna vrata..(podizno klizno)
- **Termo 120-D plus:**
  - (trostruko staklo) - jedno krilo podizno klizno+fiksno
  - dva srednja krila podizno klizna+bokovi fiksni
  - srednje krilo podizno klizno+ bokovi fiksni
  - krila na bokovim podizno klizna+ sredina fiksna

Profili su izvedeni s prekinutim toplinskim mostom:

- osnovne ugradbene dubine rama: - dvije staze 120 mm.....Termo 120
  - tri staze 184 mm.....Termo 120
  - 115.5 mm.....Termo 120 plus
  - dvije staze 126 mm.....Termo 120-D
  - tri staze 196.5 mm.....Termo 120-D
  - 126 mm.....Termo 120-D plus

Prekid toplinskog mosta postiže se poliamidnim trakama (14.8, 20, 22, 28 mm za ram i 14.8 i 20 mm za krilo).

Radi poboljšanja toplinskih karakteristika (smanjenja toplinske provodljivosti) u komore profila se ugrađuju trake od ekstrudiranog polistirena (XPS-a).

U kombinaciji s troslojnim staklom i odgovarajućim distancerom stakla sistem može postići ukupni koeficijent prolaska topline  $U_d \geq 1.4$  [W/m<sup>2</sup>K].

Brtvljenje između krila i rama izvedeno je EPDM brtvama.

Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane.

Okov je sistemski (podizno-klizni) različitih proizvođača (Hautau, Notter...).

Karakteristike sistema:

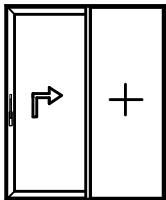
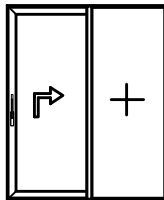
-materijal	EN AW-6060
-masa krila	120-330 kg
-debljina stakla	do 44 mm
-materijal za brtvljenje (EPDM)	DIN 7863
-proračun $U_d$ koeficijenta	DIN EN ISO 10077-2
-površinska obrada	DIN 17611
-kontrola kvalitete	DIN EN ISO 2041



# Ispitivanja i certifikati

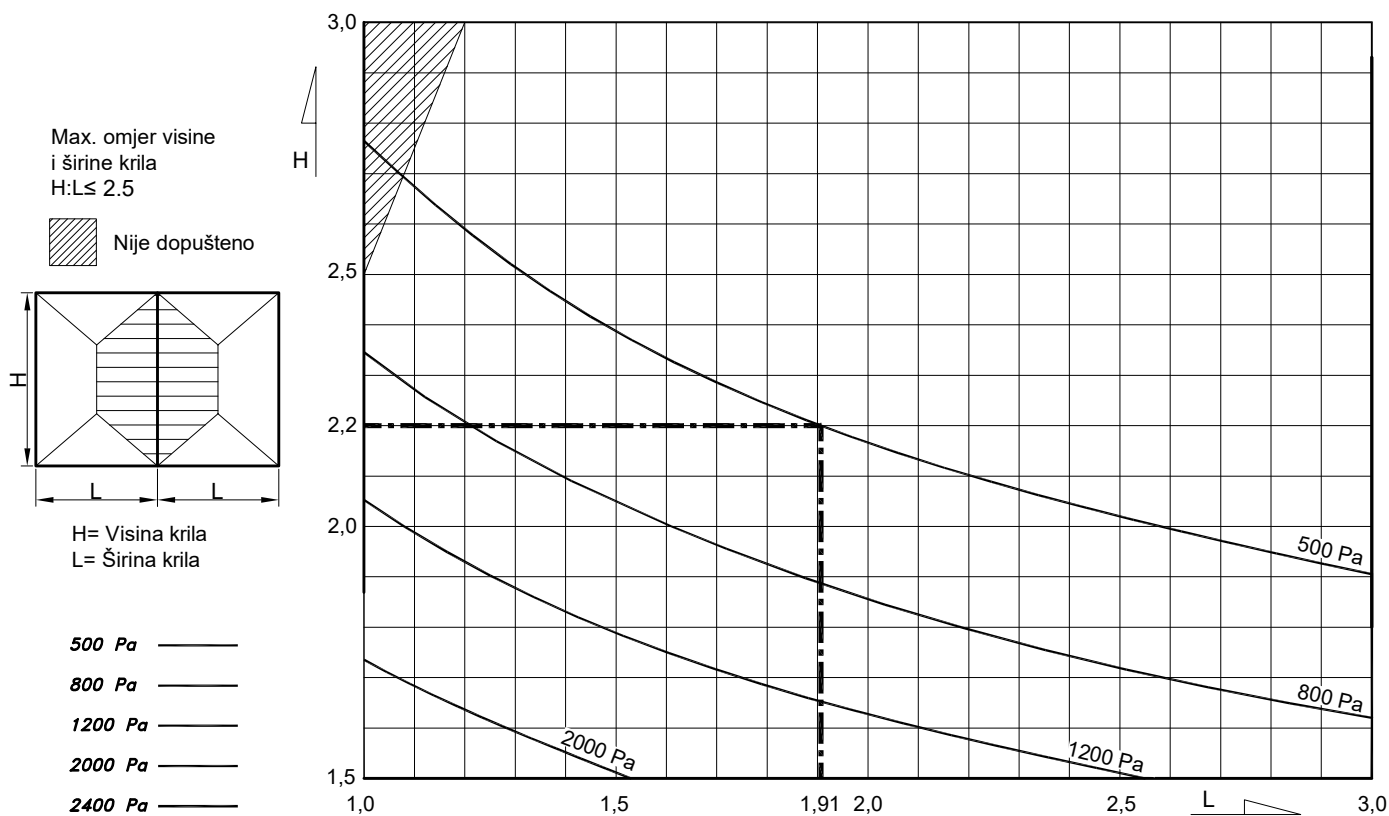
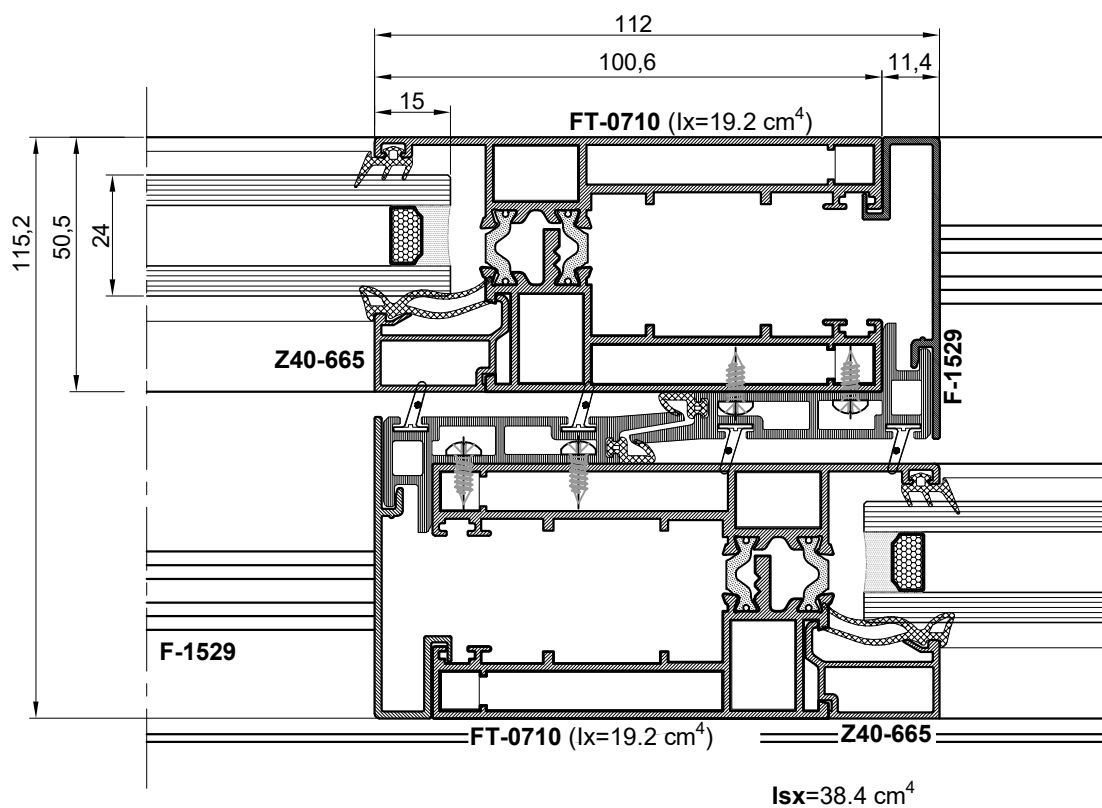




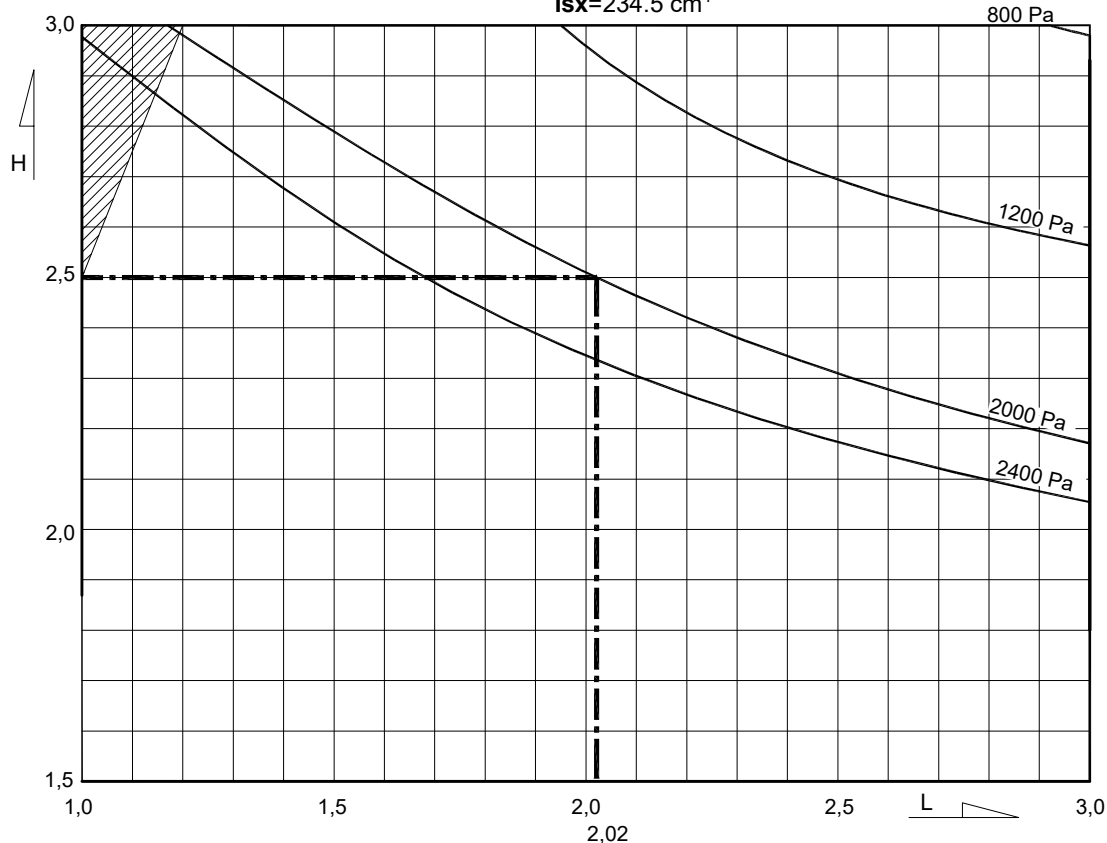
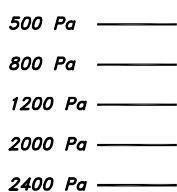
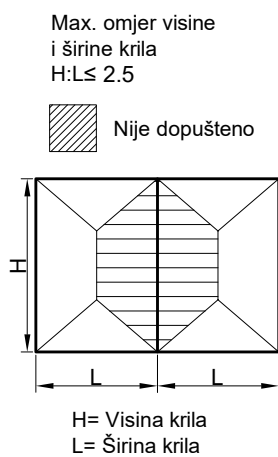
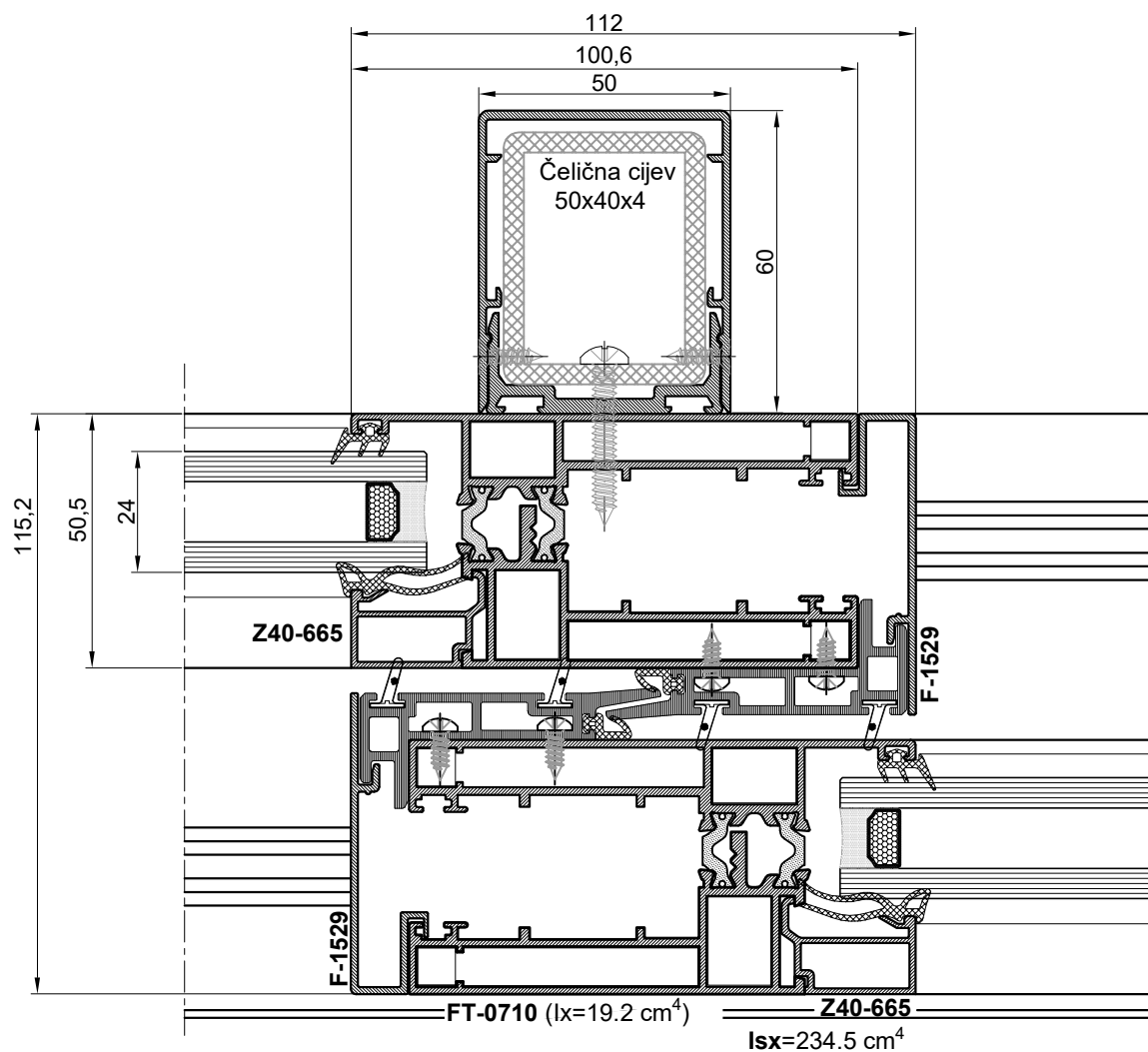
ISPITIVANJA I CERTIFIKATI		
Vrsta ispitivanja	 Termo 120 plus	 Termo 120-D plus
Zrakopropusnost EN12207	<b>razred 4</b>	* <b>klasa 4</b>
Vodonepropusnost EN 12208	<b>9A</b>	* <b>E900</b>
Otpornost na opterećenje vjetrom EN 12210	<b>C3/B3</b>	* <b>C4/B4</b>
Buka Rw EN ISO 717-1	<b>33 dB</b>	
Protuprovalnost EN 1627		<b>RC2</b>

\* Termo 120-D plus (niski prag)

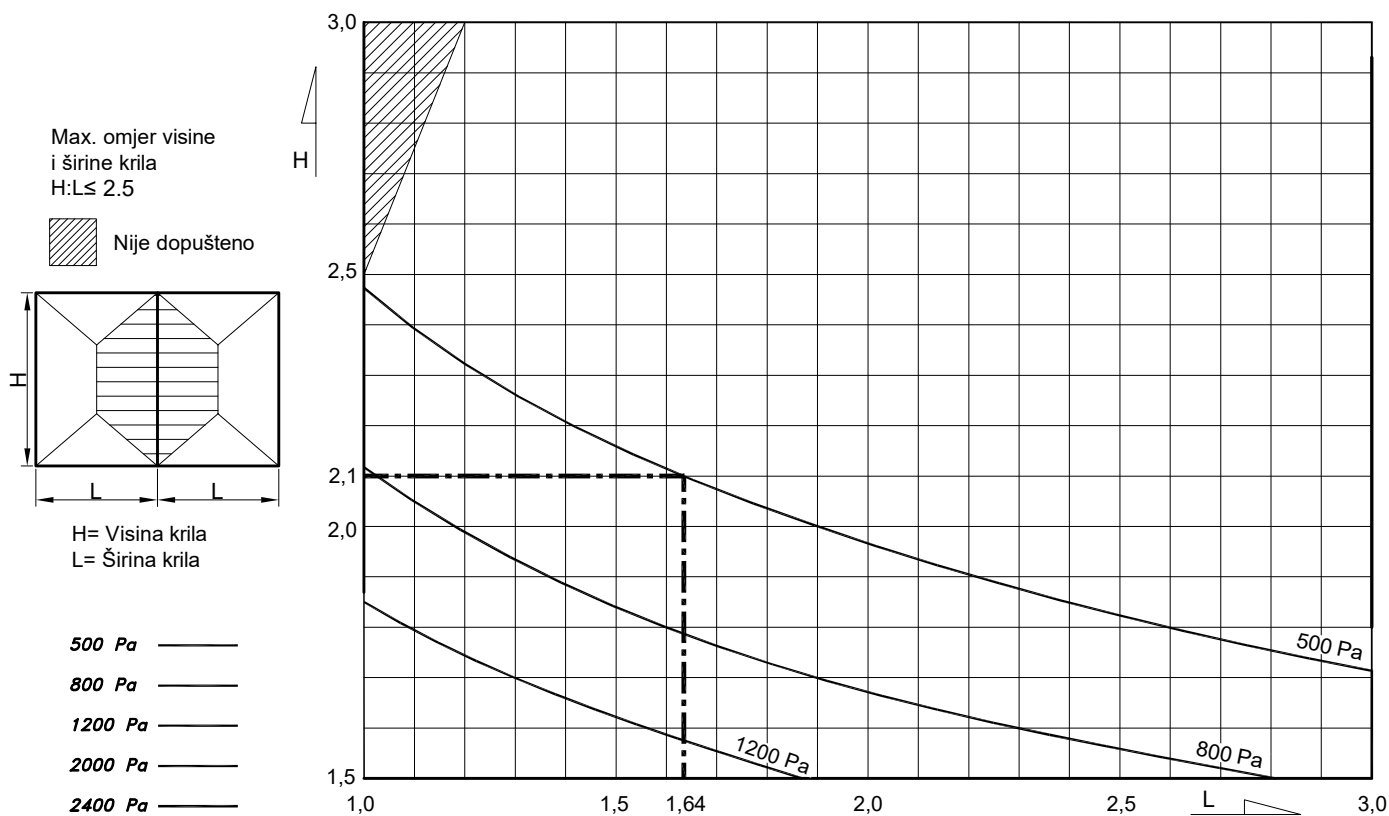
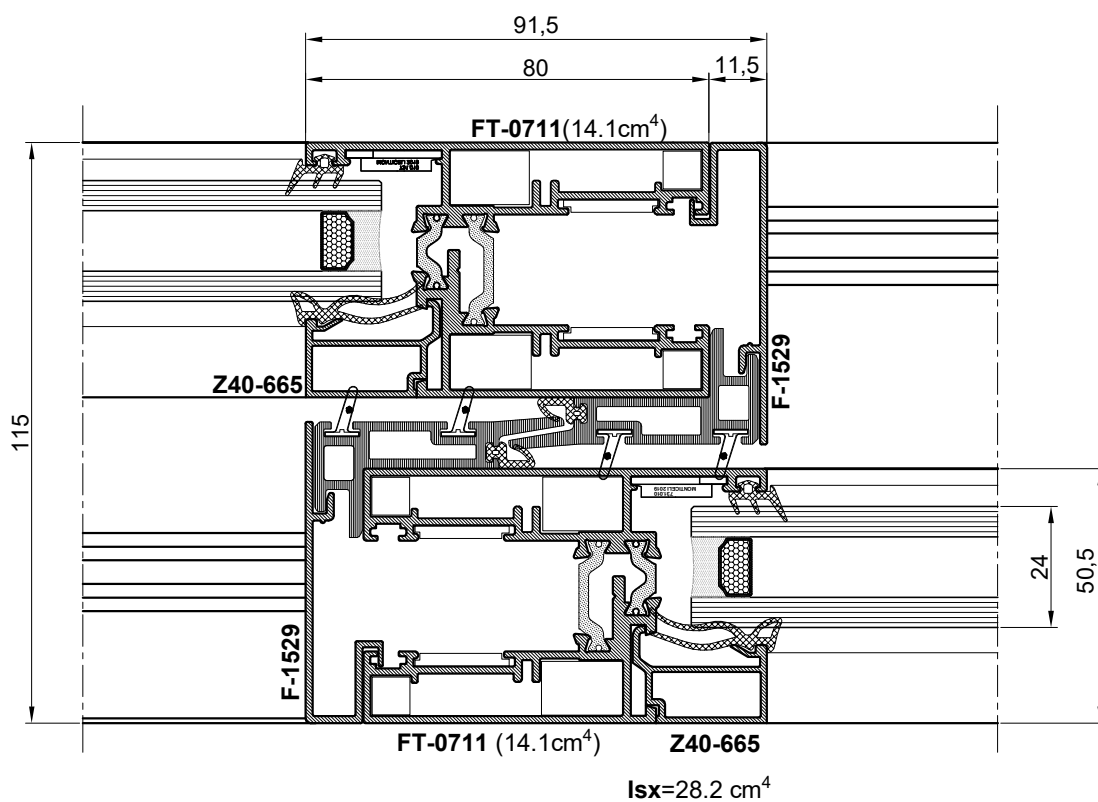
		Uf1	Uf2	Uf3	Uf4	Uf5	Uf6	Uf7	Uf8	Uf9	Ug	Ud
		W/m2K	W/m2K	W/m2K	W/m2K	W/m2K	W/m2K	W/m2K	W/m2K	W/m2K	W/m2K	W/m2K
	Termo 120 -klizno-	4,5	5,0	4,4	4,4	5,0	4,6	4,6			1,1	≥2,1
	Termo 120 -p.klizno-	4,2	4,1	4,2	4,3	4,1	3,9	4,6			1,1	≥2,0
	Termo 120-D -p.klizno-	3,7	3,7	3,7	3,8	3,7	3,5	4,3			0,7	≥1,6
	Termo 120 -klizno-	4,3	4,1	4,3	4,2	4,2	3,8	4,6	3,6	3,9	1,1	≥2,0
	Termo 120 -p.klizno-	4,1	4,0	4,2	4,3	4,0	3,8	4,6	3,6	3,9	1,1	≥2,0
	Termo 120-D -p.klizno-	3,7	3,7	3,7	3,8	3,7	3,5	4,3	3,2	3,4	0,7	≥1,6
	Termo 120 -klizno-	4,5	4,4	4,4	4,6	5,0	3,1	4,6			1,1	≥2,1
	Termo 120 -p.klizno-	4,2	4,3	4,2	3,9	4,1	3,5	4,6			1,1	≥2,1
	Termo 120-D -p.klizno-	3,7	3,8	3,7	3,5	3,7	2,8	4,3			0,7	≥1,6
	Termo 120 plus -klizno-	4,7	2,9	5,1	5,6	2,9	2,9	4,5			1,1	≥1,8
	Termo 120 plus -p.klizno-	4,7	2,9	5,1	5,6	2,9	2,9	4,5			1,1	≥1,8
	Termo 120-D plus-p.klizno-	4,3	2,3	4,8	5,3	2,3	2,3	4,2			0,7	≥1,4
	Termo 120 plus -klizno-	2,9	2,9	2,9	5,6	5,1	3,1	4,5			1,1	≥1,8
	Termo 120 plus -p.klizno-	2,9	2,9	2,9	5,6	5,1	3,5	4,5			1,1	≥1,8
	Termo 120-D plus-p.klizno-	2,3	2,3	2,3	5,3	4,8	2,8	4,2			0,7	≥1,4
	Termo 120 plus -klizno-	4,7	5,6	5,1	2,9	2,9	4,5				1,1	≥1,9
	Termo 120 plus -p.klizno-	4,7	5,6	5,1	2,9	2,9	4,5				1,1	≥1,9
	Termo 120-D plus-p.klizno-	4,3	5,3	4,8	2,3	2,3	4,2				0,7	≥1,5

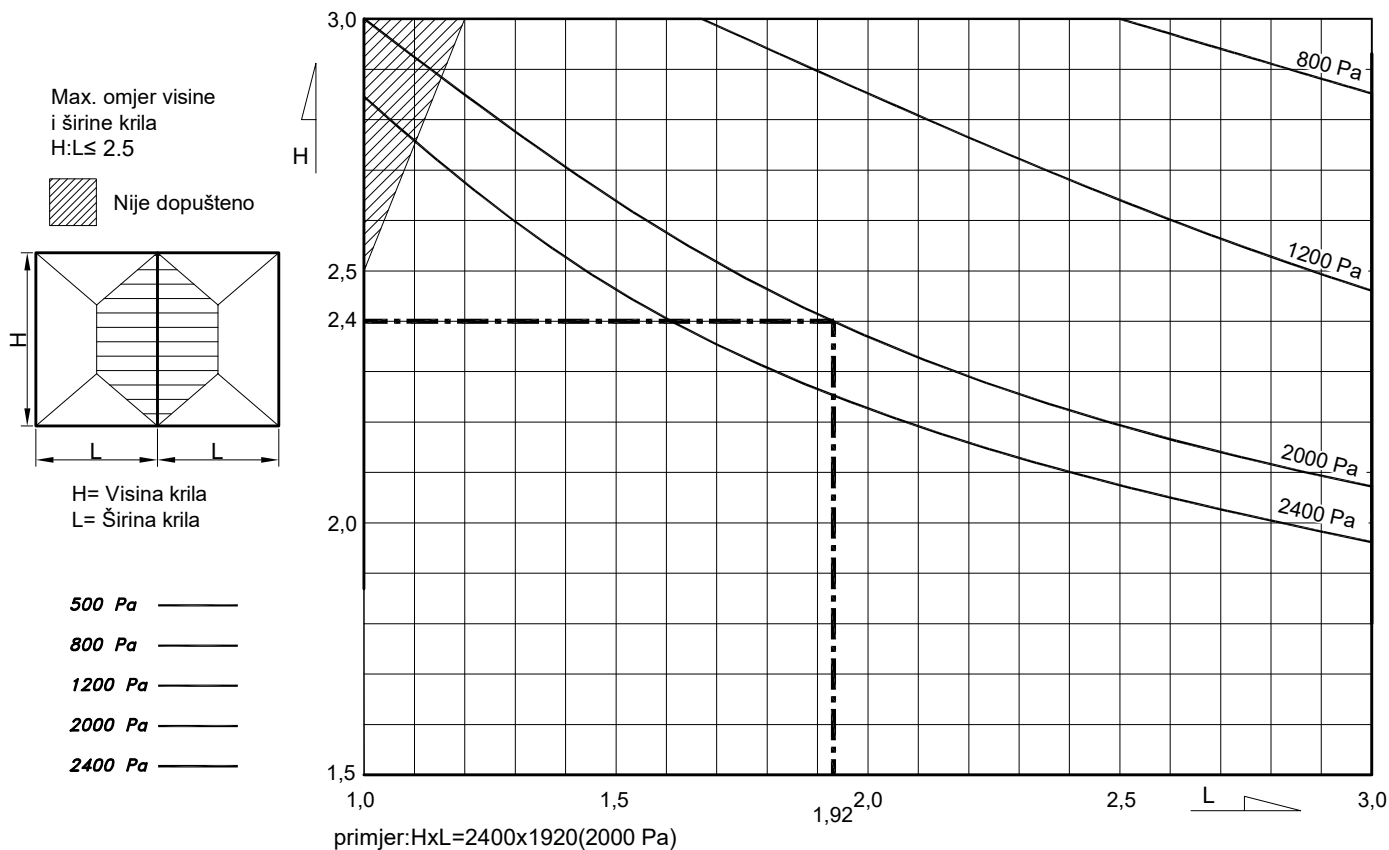
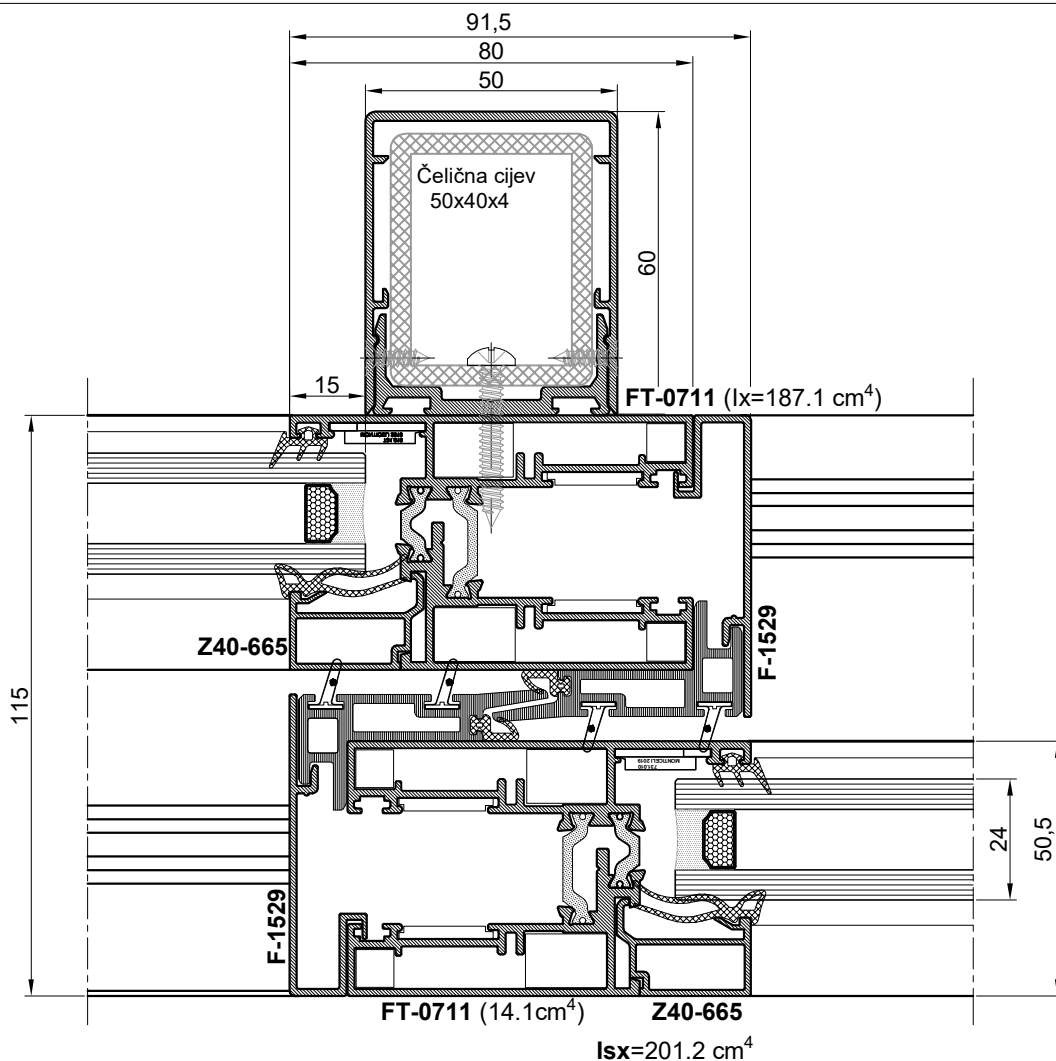


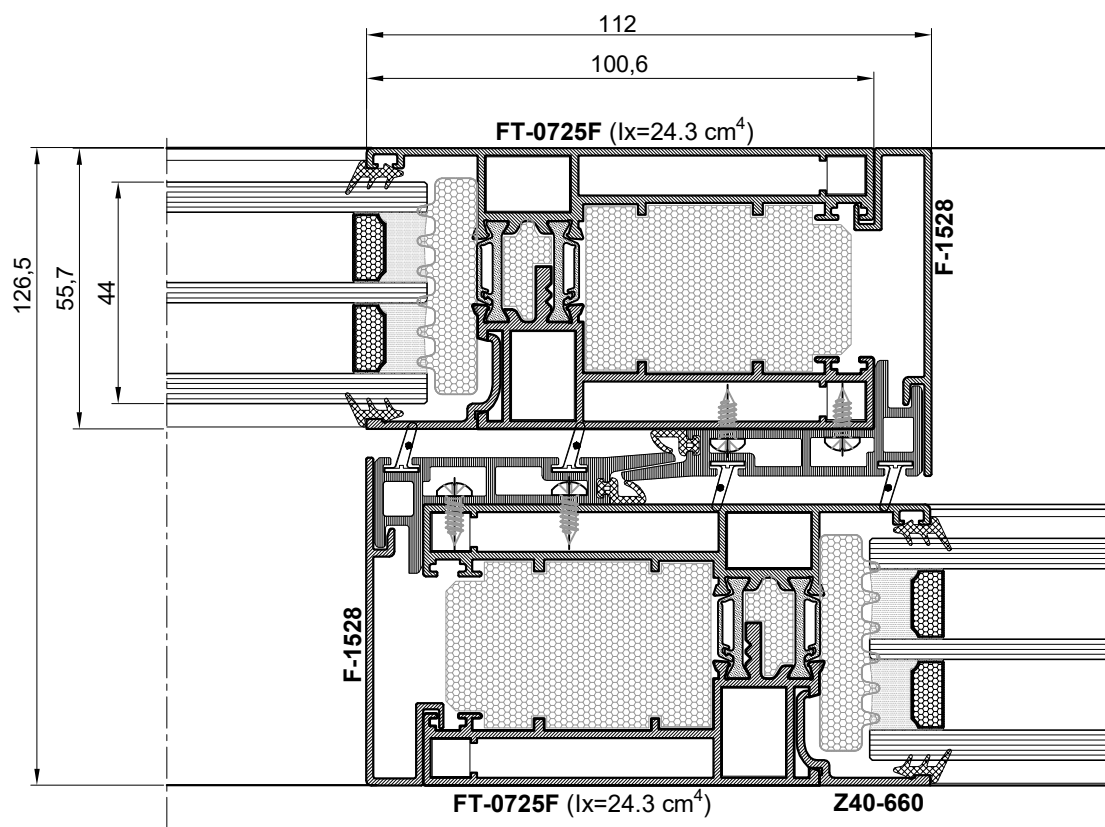
primjer: HxL=2200x1910(500 Pa)



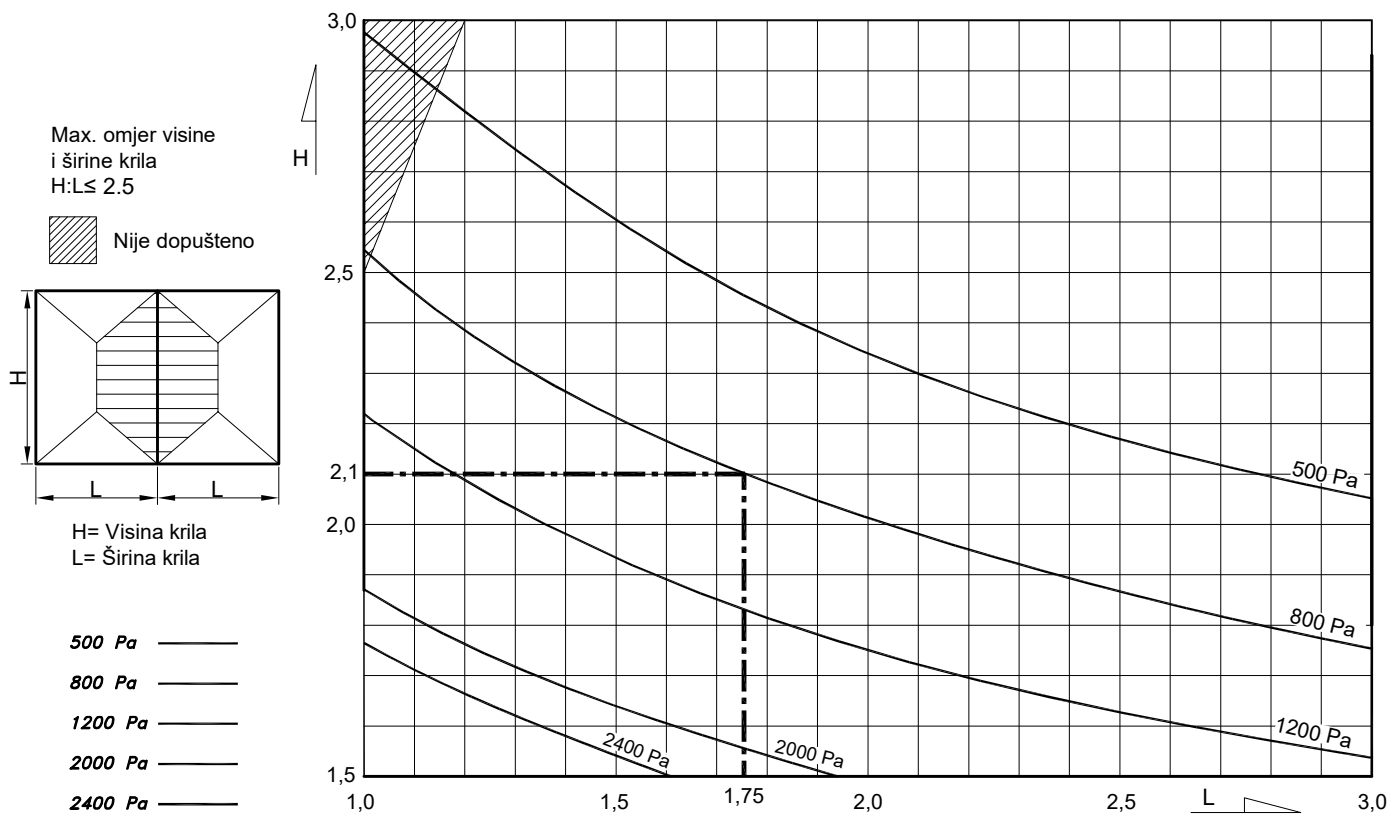
primjer: HxL=2500x2020(2000 Pa)

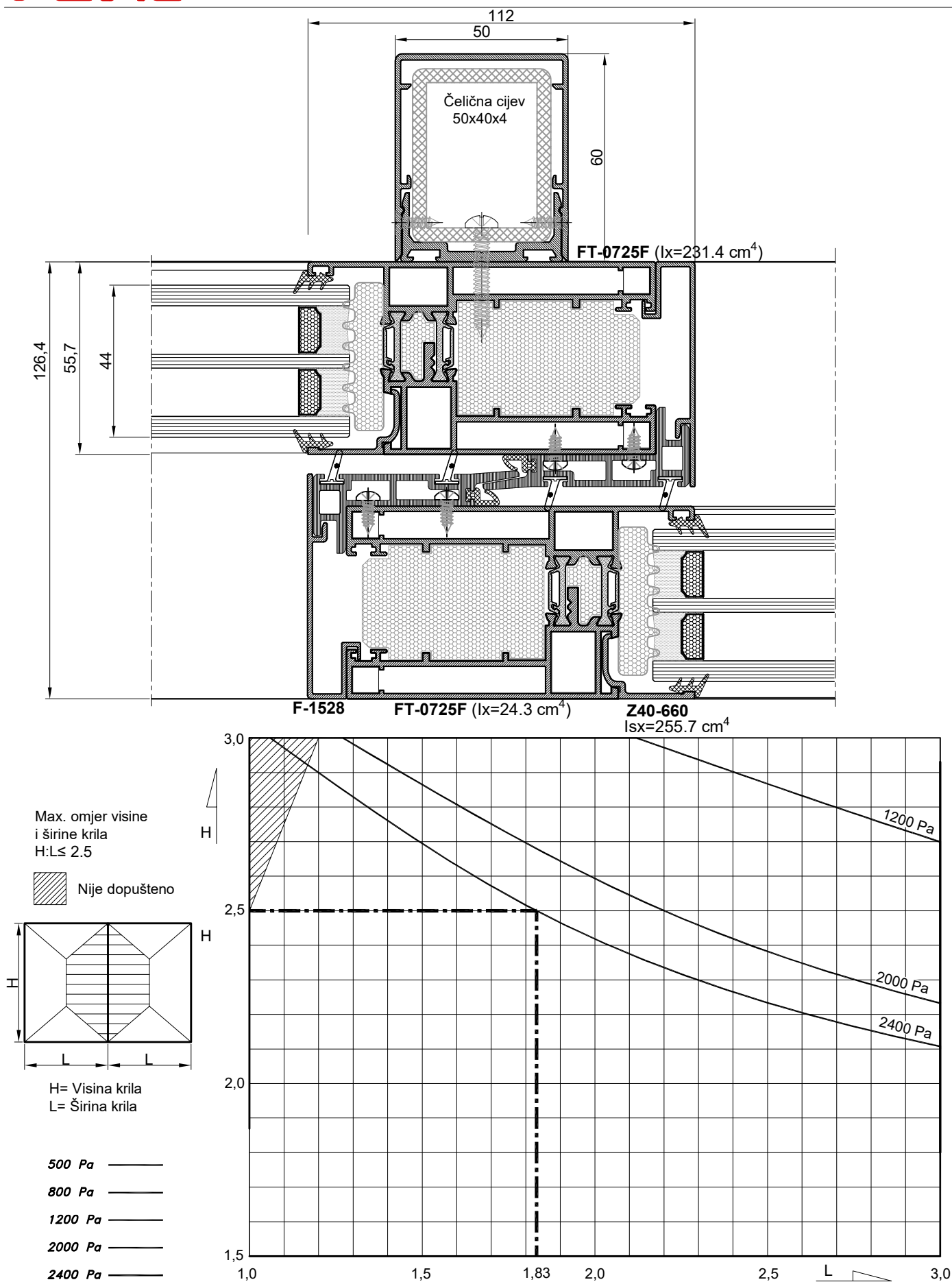




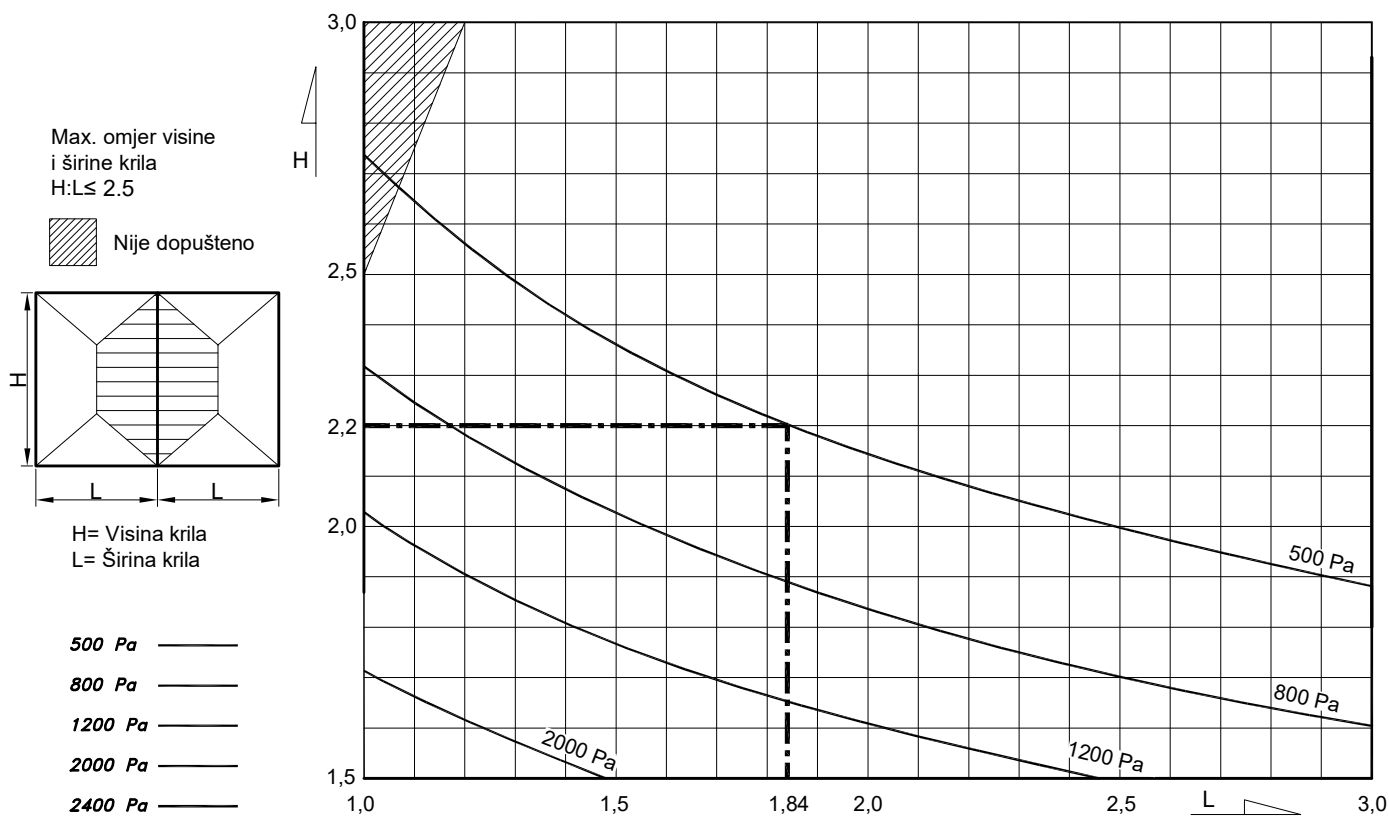
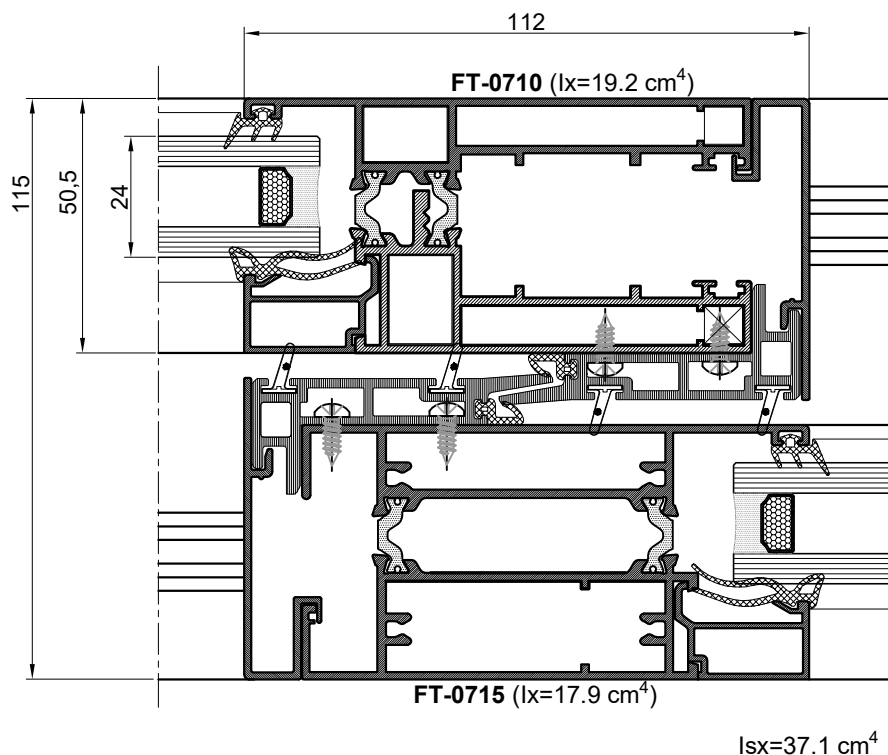


$I_{sx}=48.6 \text{ cm}^4$

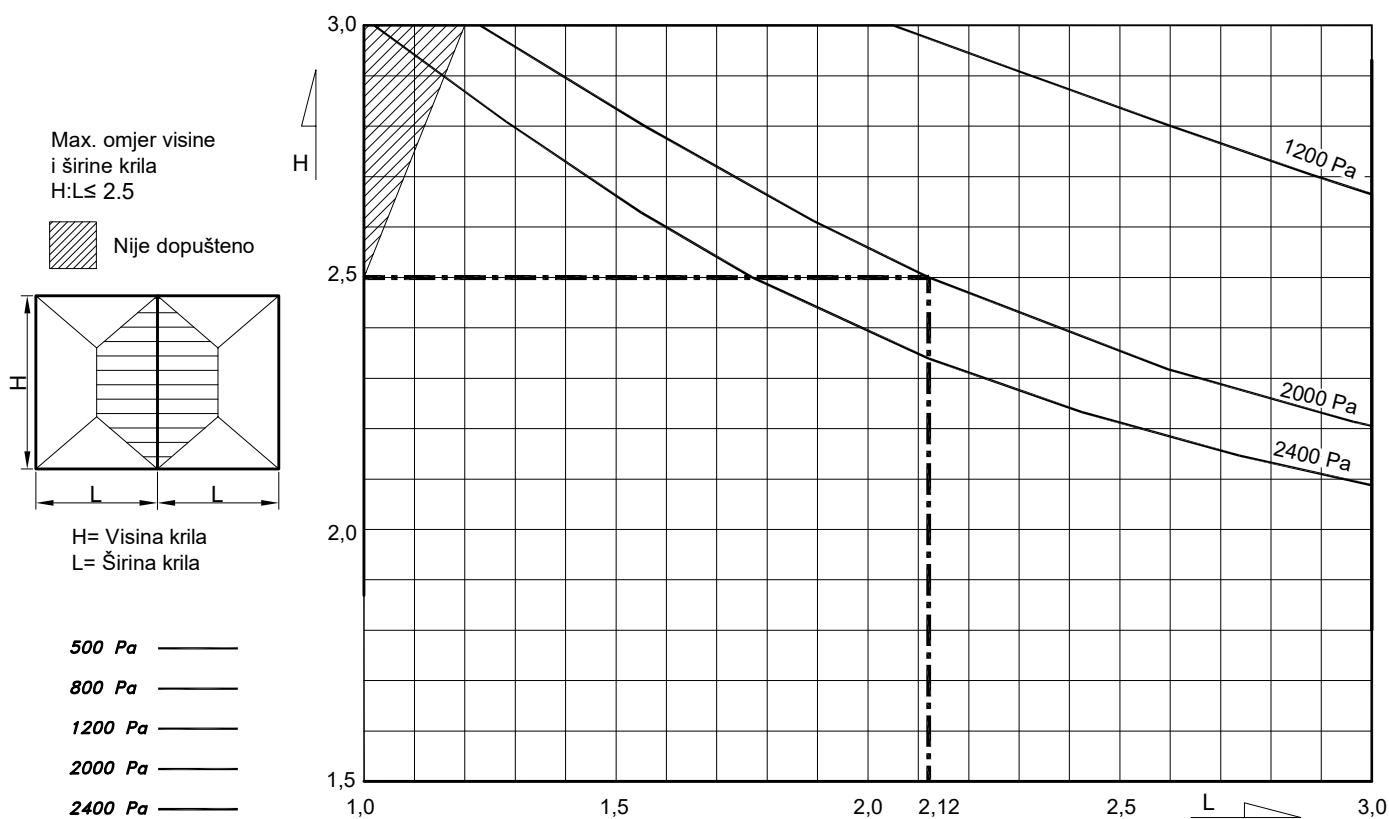
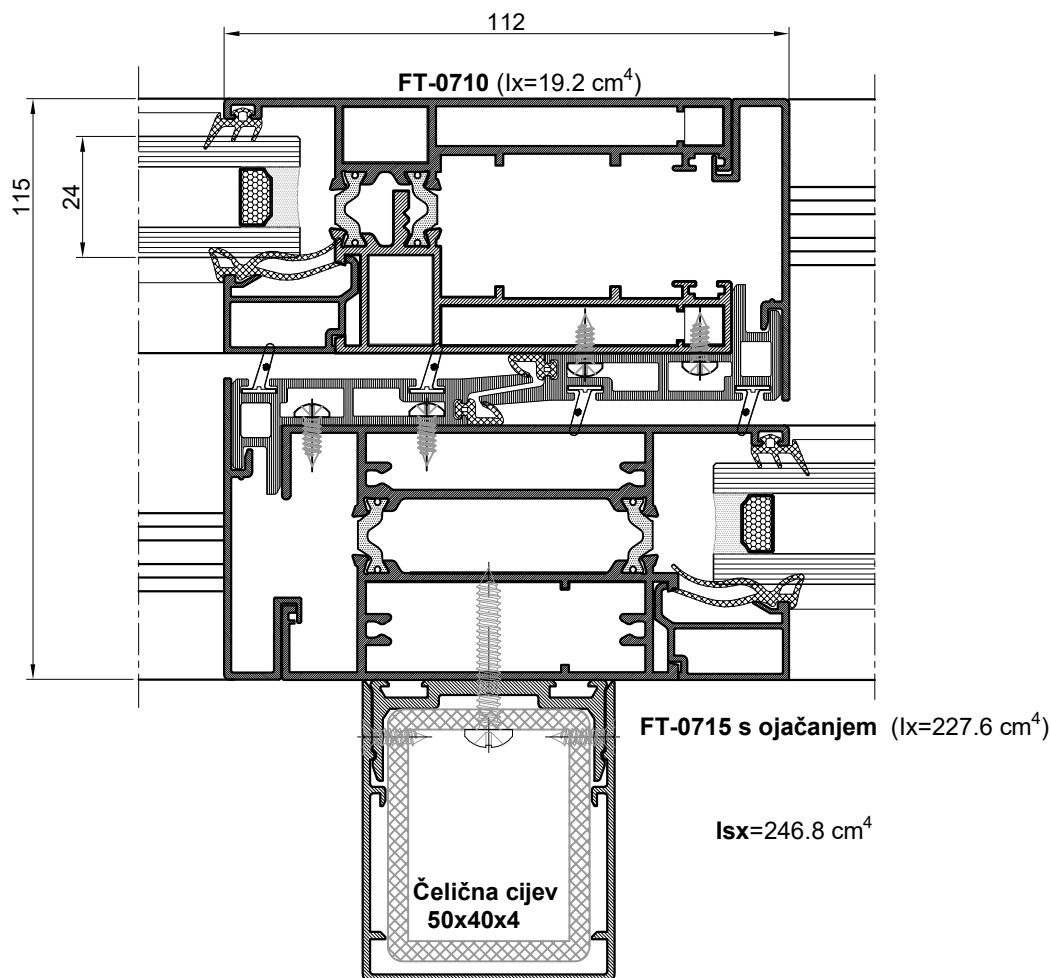


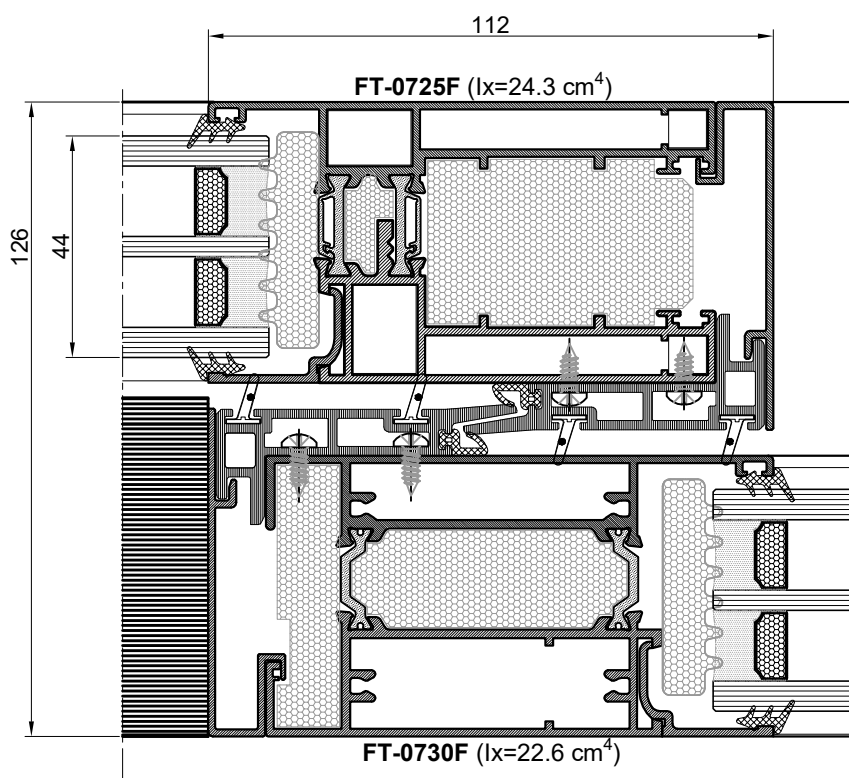




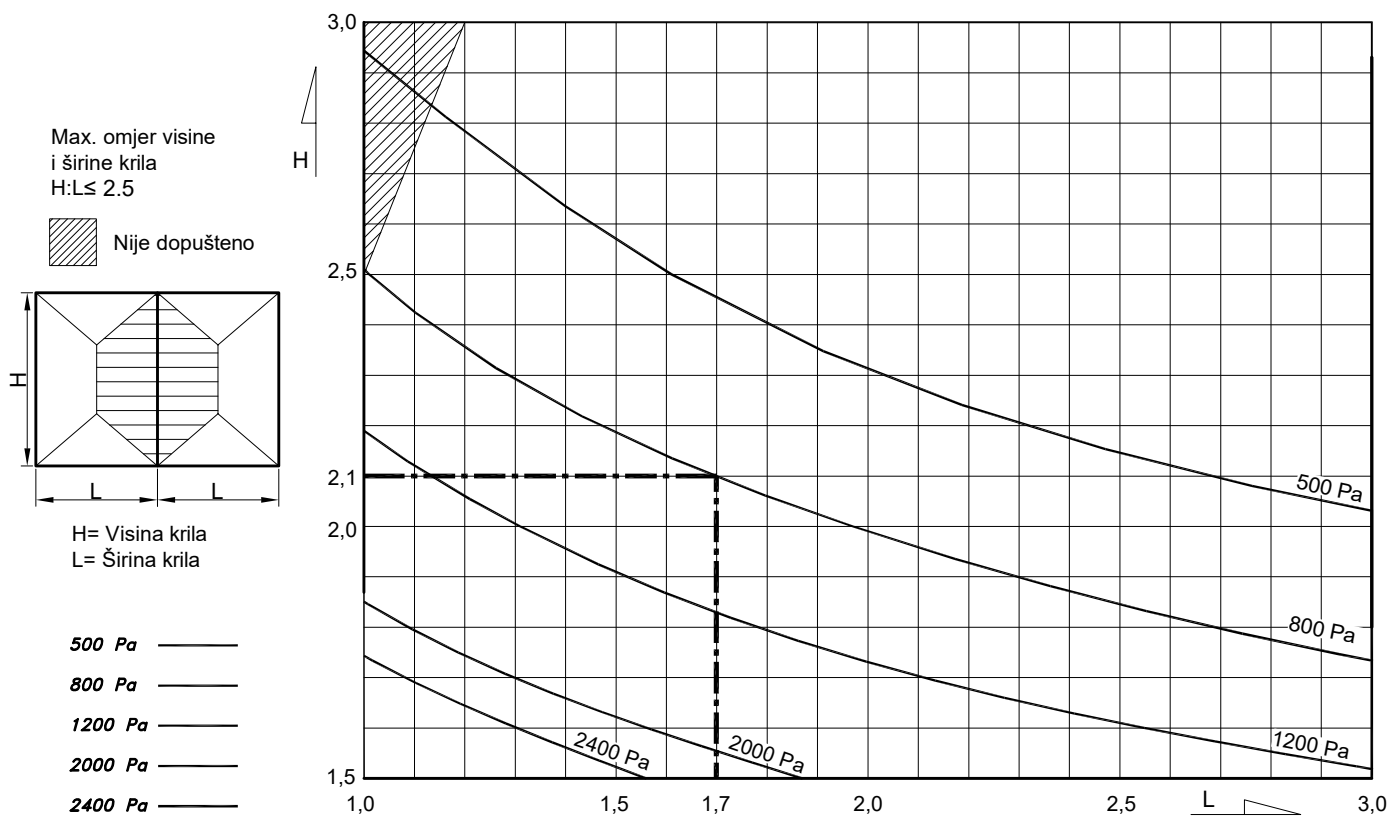


primjer:  $H \times L = 2200 \times 1840$  (500 Pa)

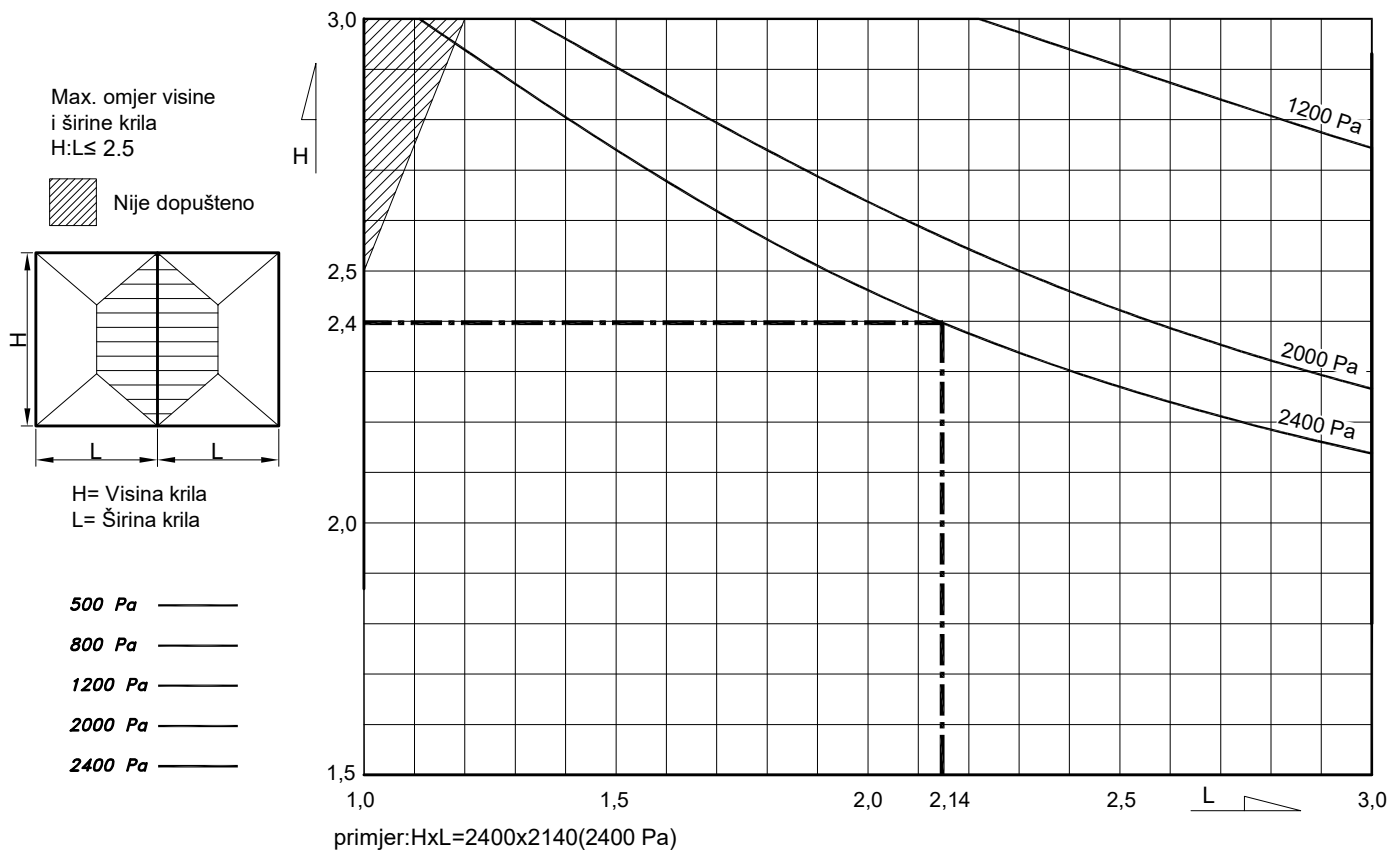
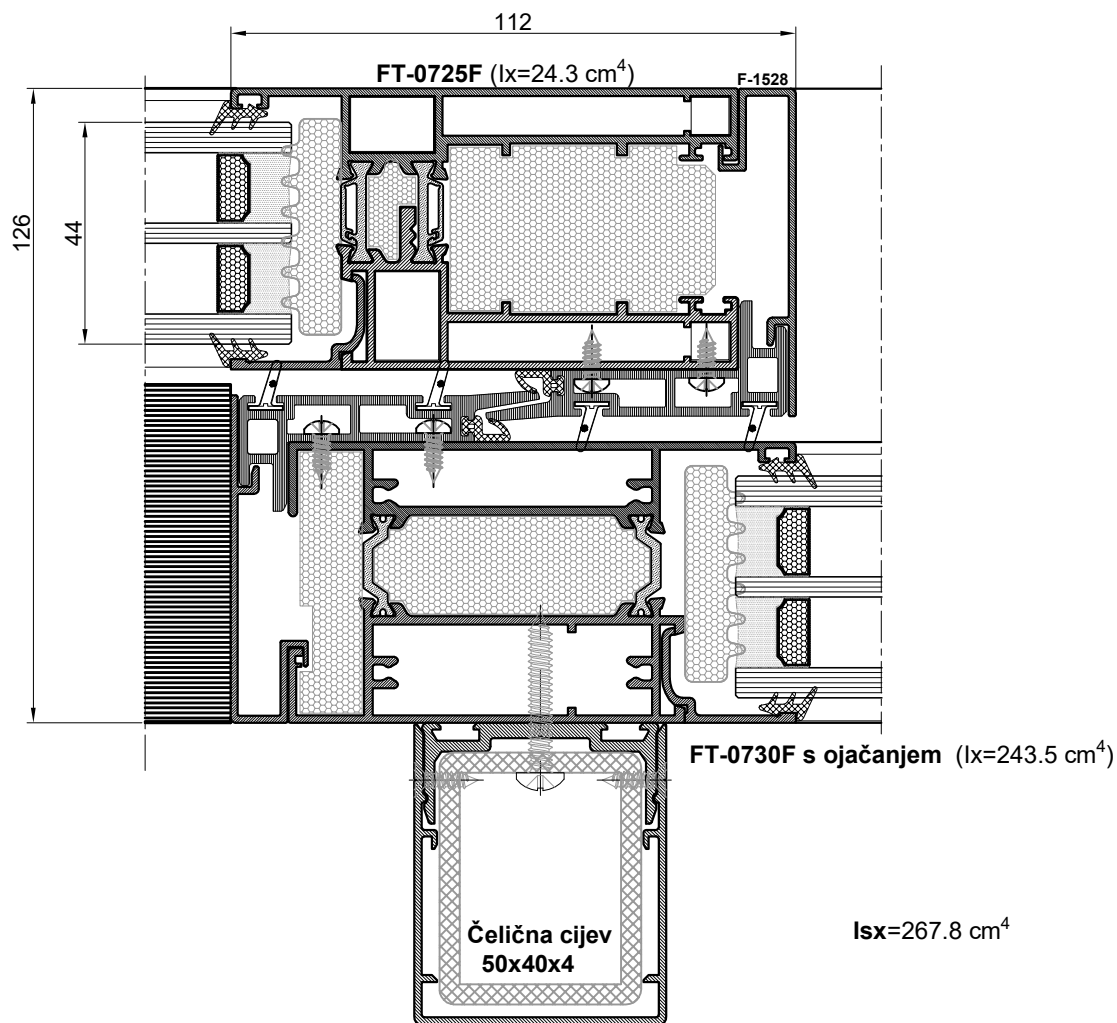


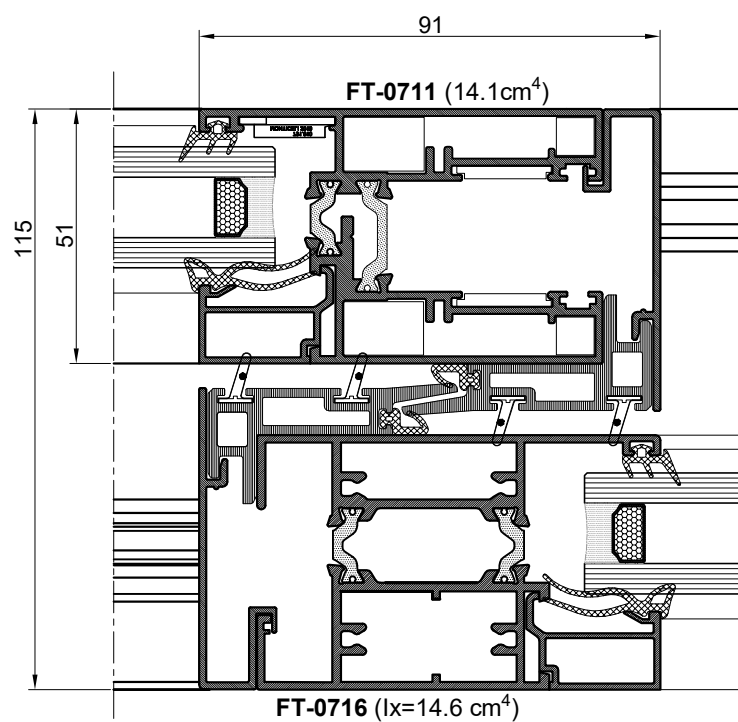


**I<sub>sx</sub>=46.9 cm<sup>4</sup>**

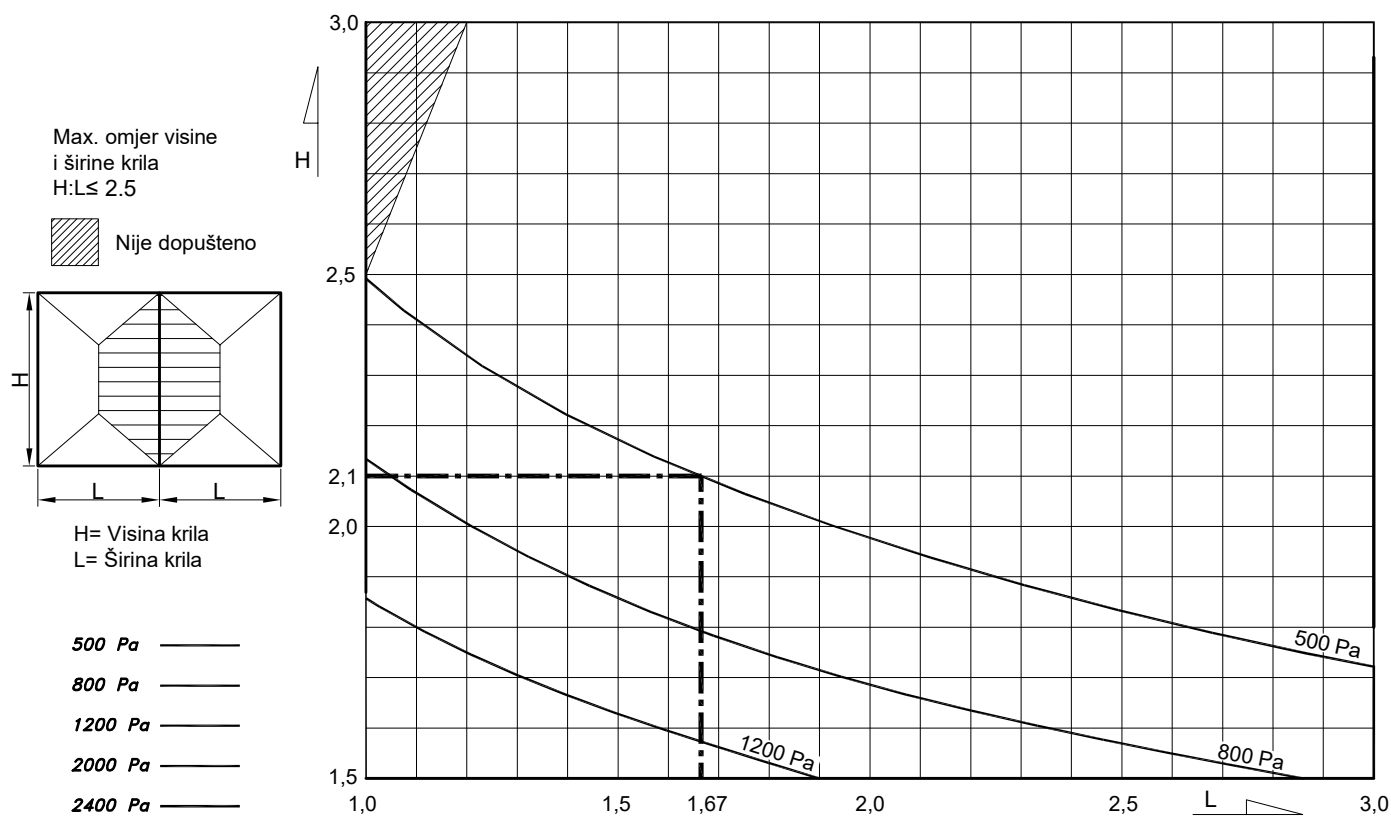


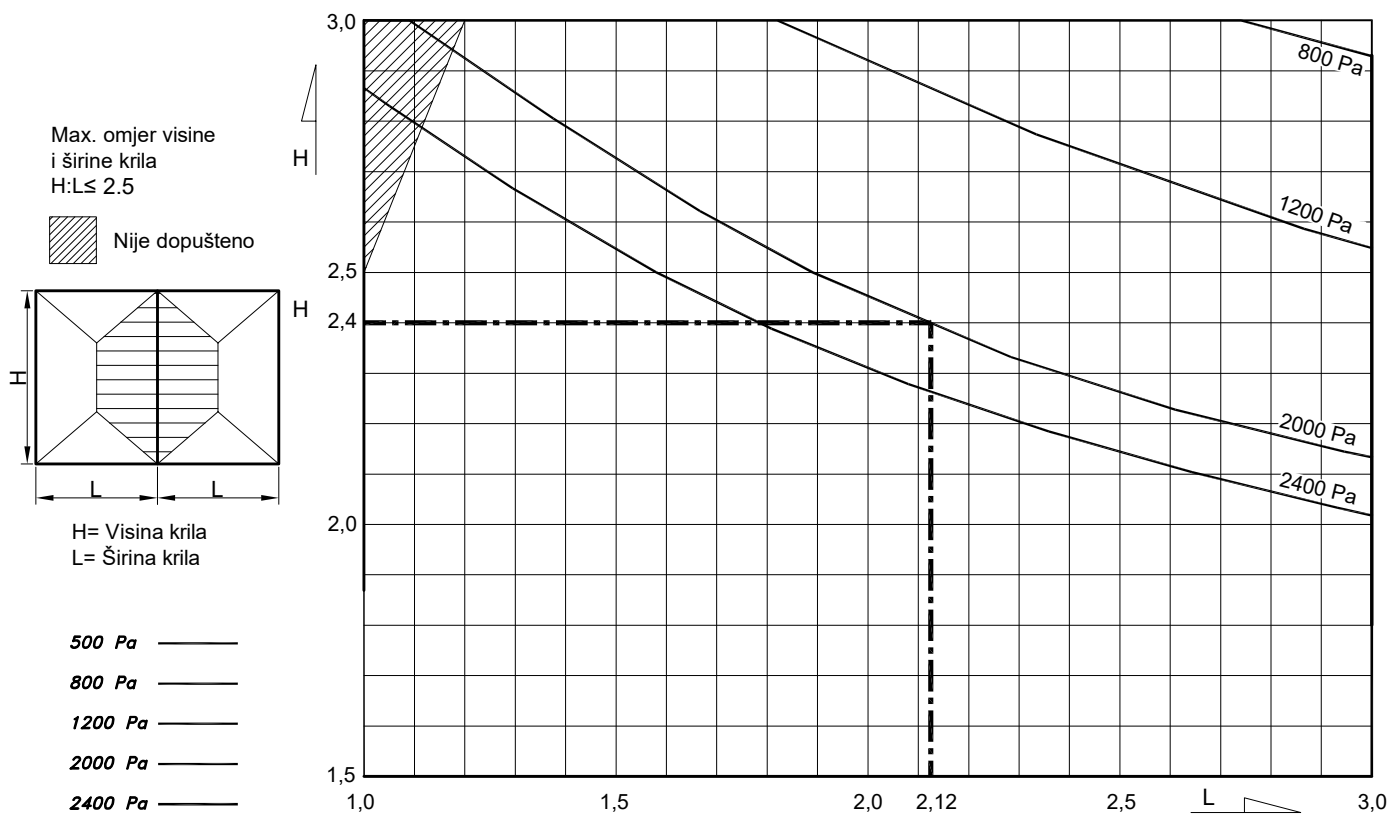
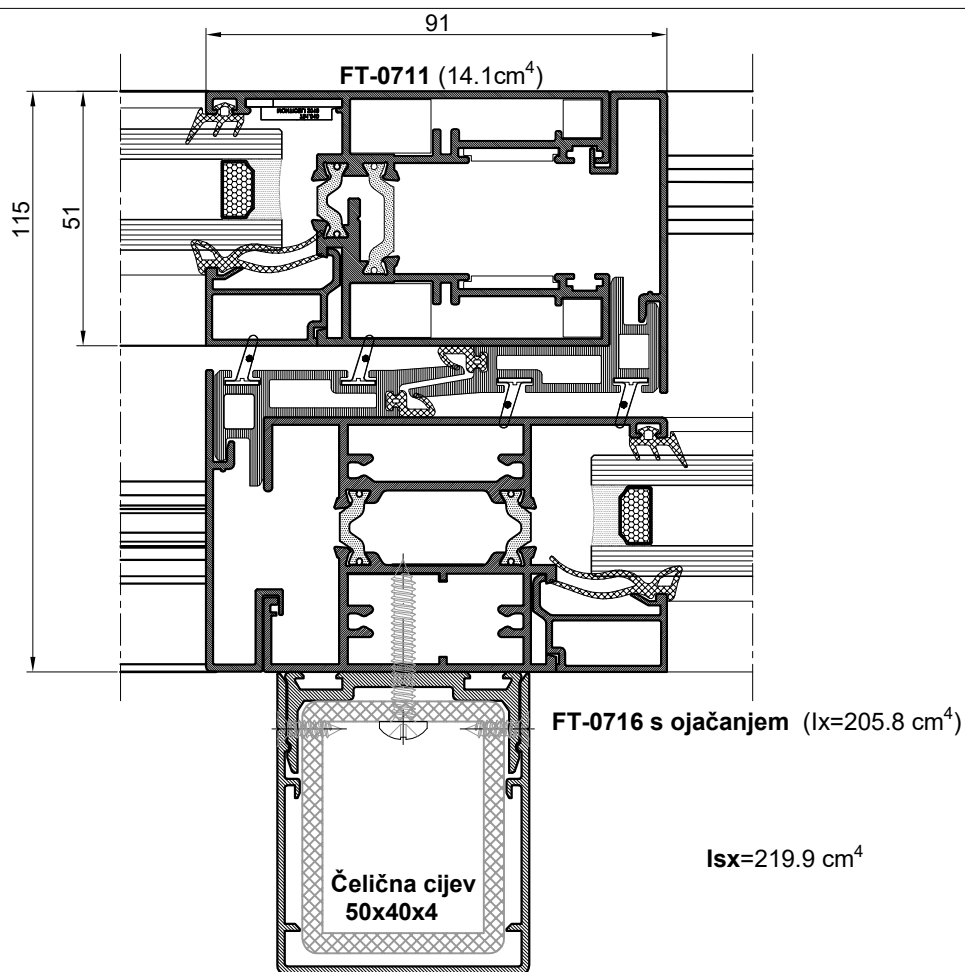
primjer: HxL=2100x1700(800 Pa)





$I_{sx}=28.7 \text{ cm}^4$



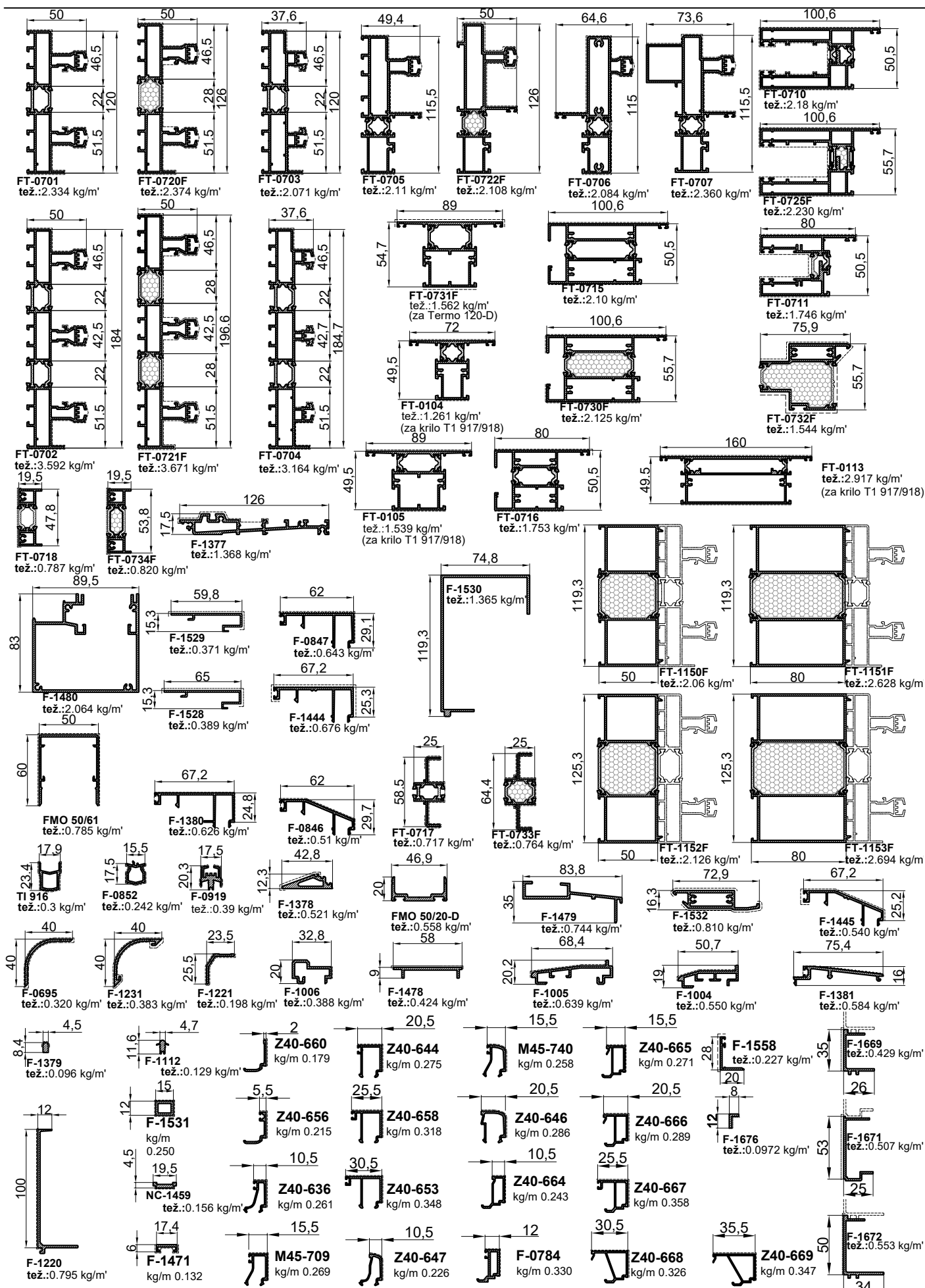


primjer: HxL=2400x2120(2000 Pa)

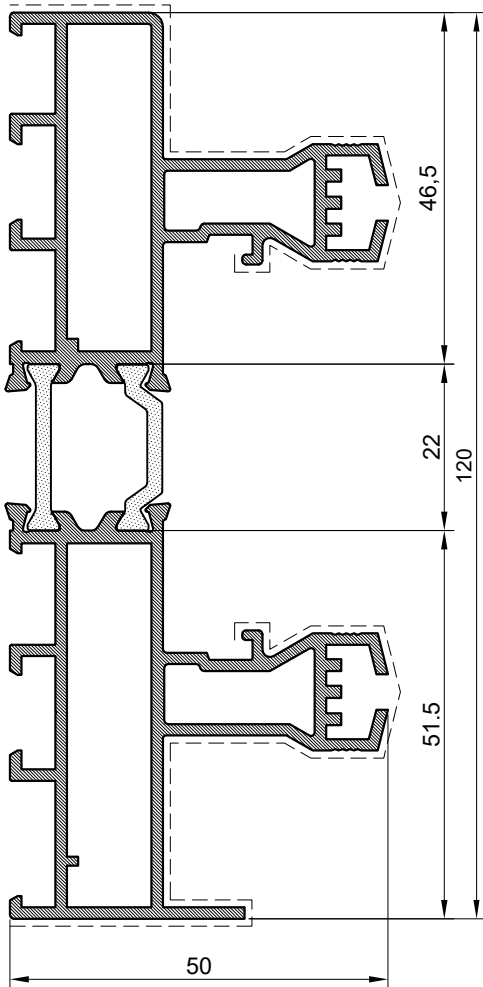
# Profili



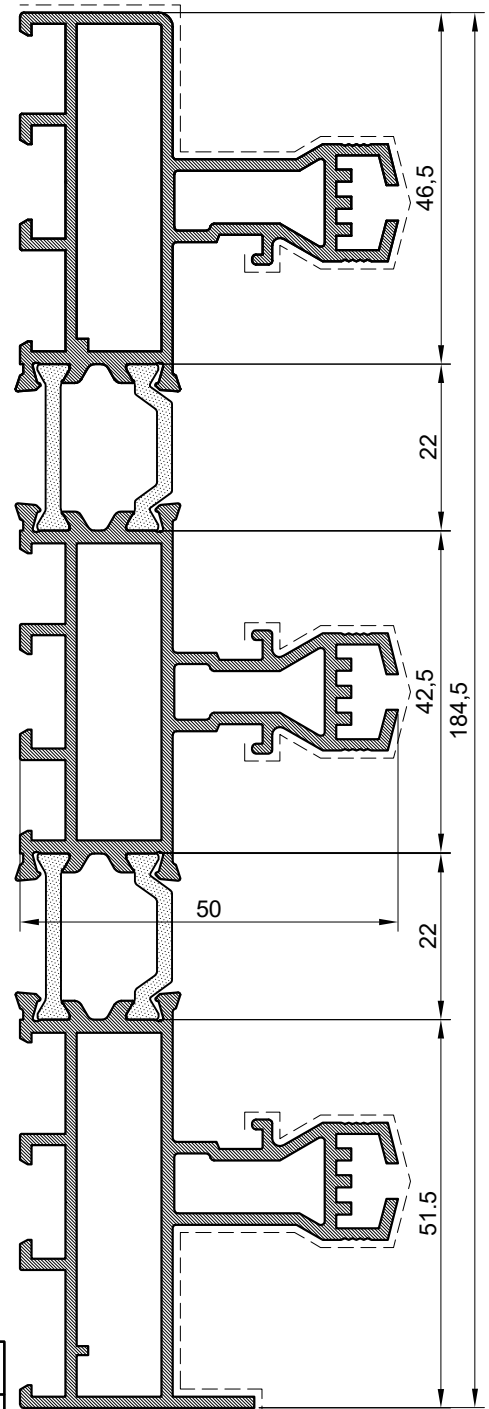




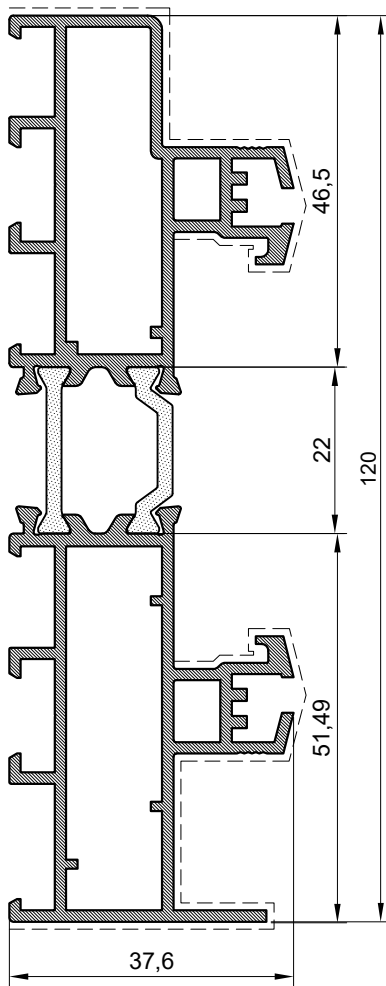




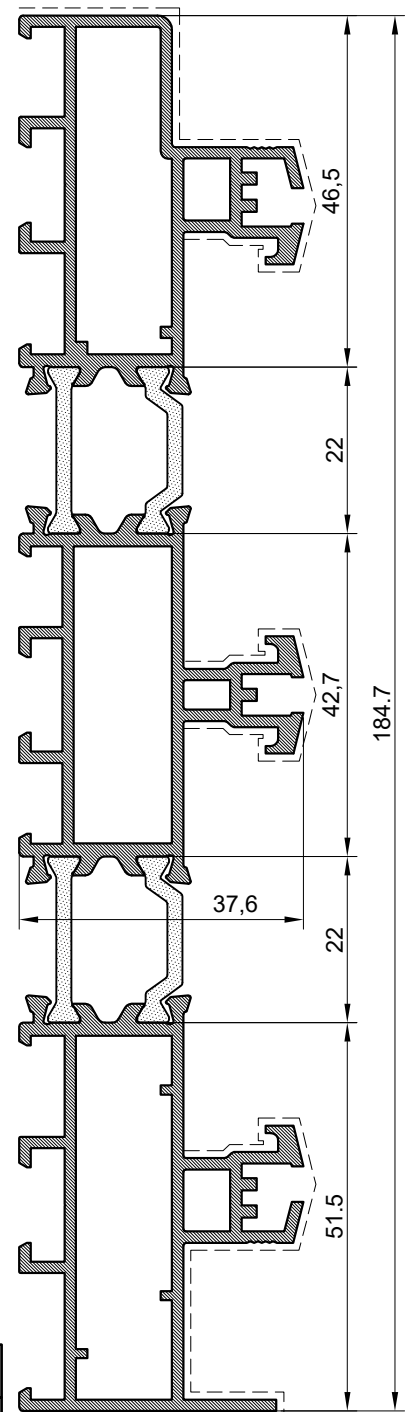
Ram-dvije staze		
Art.br.	Nova oznaka	<b>FT-0701</b>
	Stara oznaka	<b>TI-928/929</b>
Težina	kg/m'	<b>2.334</b>
Opseg	mm	<b>647.84</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>79.18</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>16.60</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>17.53</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>5.54</b>
Dužina isporuke	mm	<b>6500</b>



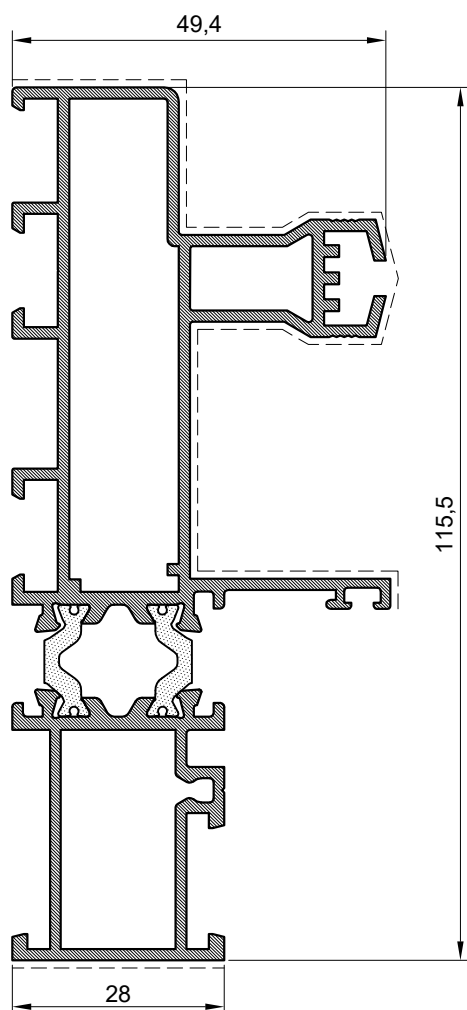
Ram-tri staze		
Art.br.	Nova oznaka	<b>FT-0702</b>
	Stara oznaka	<b>TI-928/29/30</b>
Težina	kg/m'	<b>3.592</b>
Opseg	mm	<b>963.62</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>291.52</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>25.23</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>40.07</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>8.40</b>
Dužina isporuke	mm	<b>6500</b>



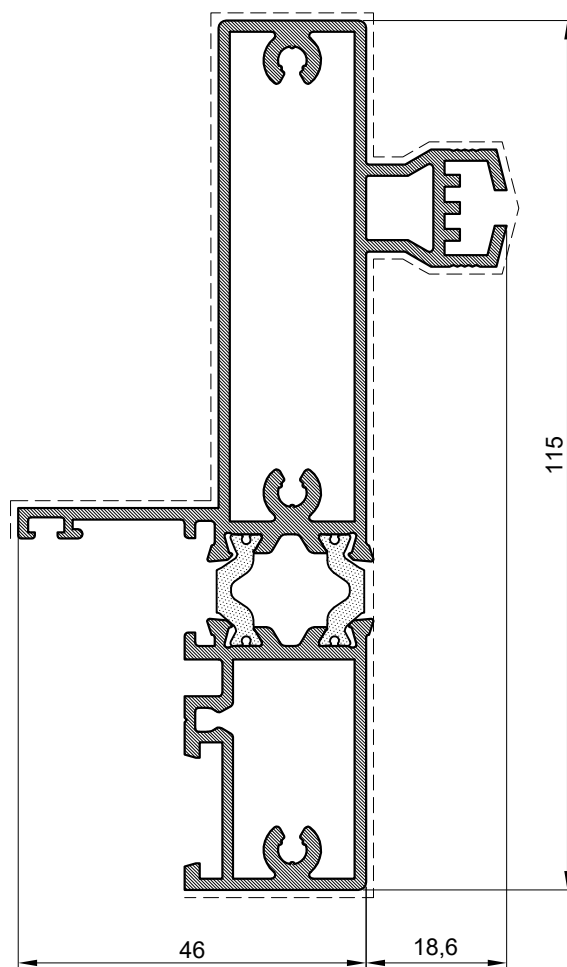
Ram-dvije staze		
Art.br.	Nova oznaka	<b>FT-0703</b>
	Stara oznaka	<b>TI-920/922</b>
Težina	kg/m'	<b>2.071</b>
Opseg	mm	<b>564.65</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>73.41</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>7.950</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>15.94</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>3.740</b>
Dužina isporuke	mm	<b>6500</b>



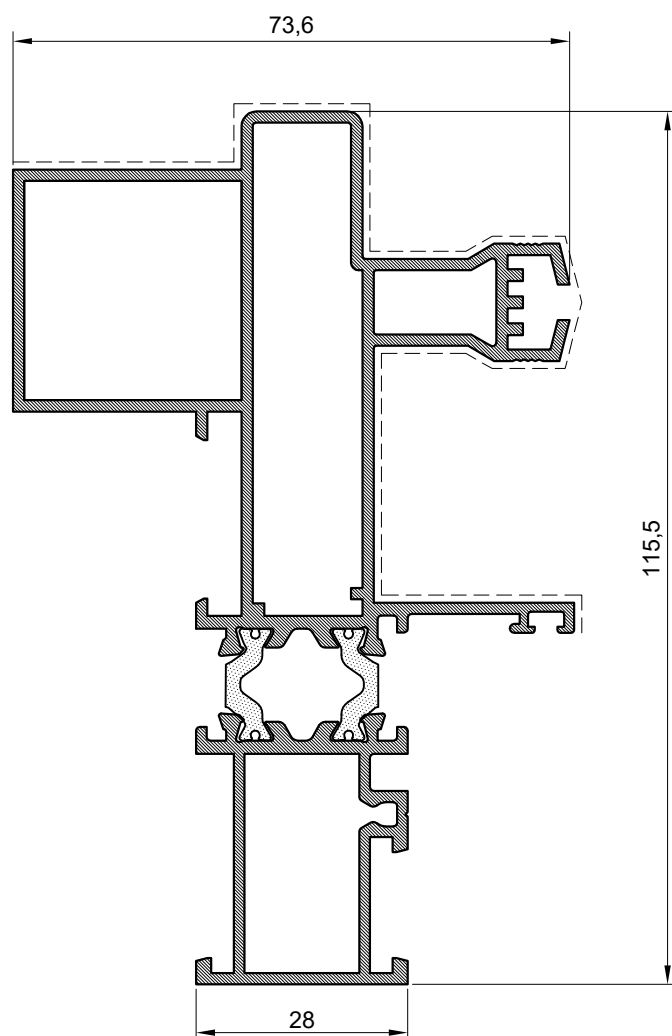
Ram-tri staze		
Art.br.	Nova oznaka	<b>FT-0704</b>
	Stara oznaka	<b>TI-920/21/22</b>
Težina	kg/m'	<b>3.164</b>
Opseg	mm	<b>832.53</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>262.42</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>12.00</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>35.80</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>5.610</b>
Dužina isporuke	mm	<b>6500</b>



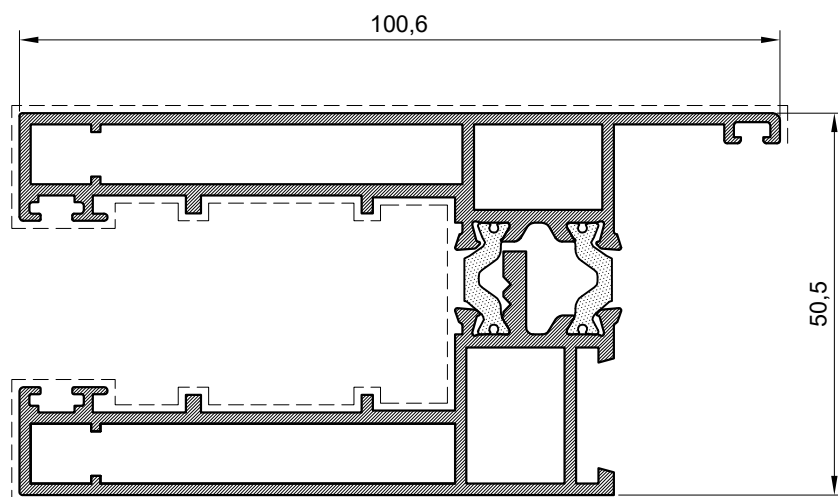
Ram /Termo 120 plus/		
Art.br.	Nova oznaka	<b>FT-0705</b>
	Stara oznaka	<b>TI-919/692</b>
Težina	kg/m'	<b>2.110</b>
Opseg	mm	<b>586.77</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>67.85</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>12.90</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>14.20</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>4.160</b>
Dužina isporuke	mm	<b>6500</b>



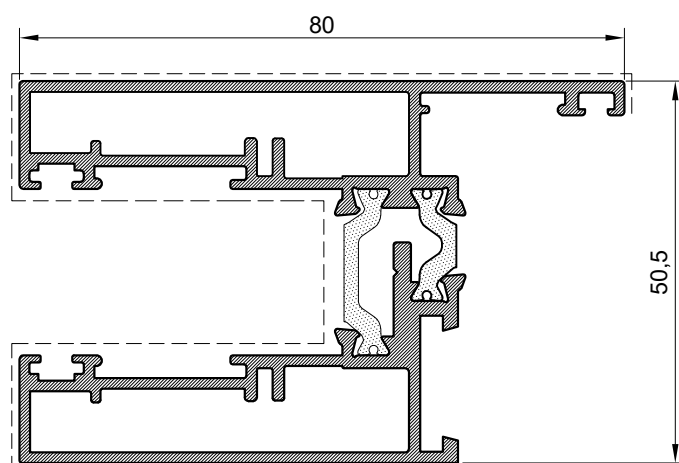
Ram-prečka srednje klizno+bokovi fix.		
Art.br.	Nova oznaka	<b>FT-0706</b>
	Stara oznaka	<b>TI-926/927</b>
Težina	kg/m'	<b>2.084</b>
Opseg	mm	<b>465.23</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>72.32</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>10.74</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>15.56</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>2.940</b>
Dužina isporuke	mm	<b>6500</b>



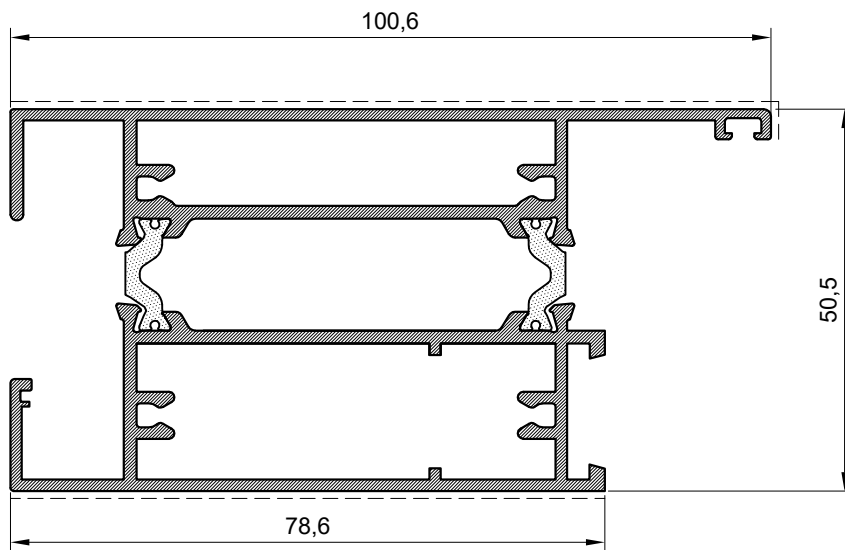
Ram u fasadi /Termo 120 plus/		
Art.br.	Nova oznaka	<b>FT-0707</b>
	Stara oznaka	<b>TI-925/692</b>
Težina	kg/m'	<b>2.360</b>
Opseg	mm	<b>586.40</b>
Moment inercije	Ix (cm4)	<b>75.10</b>
	Iy (cm4)	<b>25.79</b>
	Wx (cm3)	<b>14.89</b>
	Wy (cm3)	<b>6.650</b>
Dužina isporuke	mm	<b>6500</b>



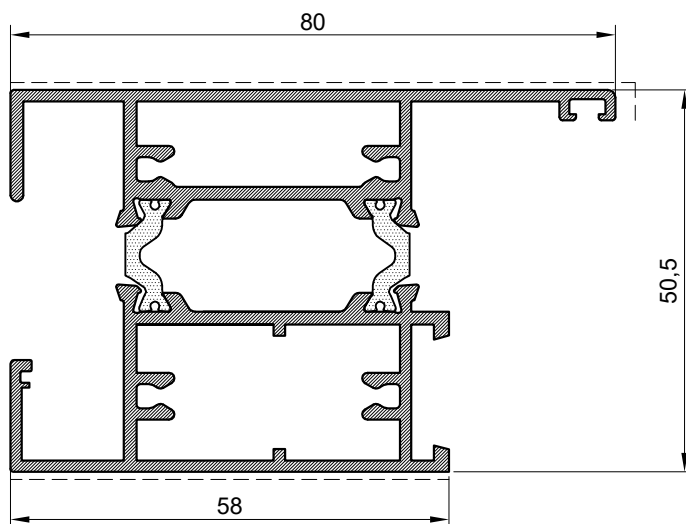
Krilo		
Art.br.	Nova oznaka	<b>FT-0710</b>
	Stara oznaka	<b>TI-917/918</b>
Težina	kg/m'	<b>2.180</b>
Opseg	mm	<b>527.80</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>19.17</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>54.62</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>9.65</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>9.94</b>
Dužina isporuke	mm	<b>6500</b>



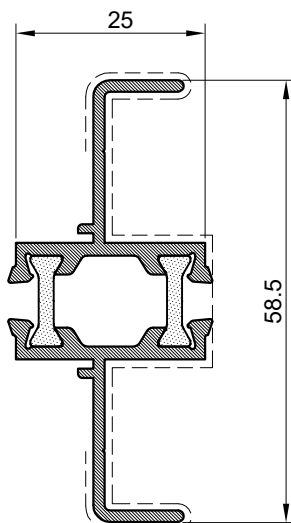
Krilo		
Art.br.	Nova oznaka	<b>FT-0711</b>
	Stara oznaka	<b>TI-939/940</b>
Težina	kg/m'	<b>1.746</b>
Opseg	mm	<b>437.80</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>14.10</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>25.73</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>7.04</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>5.72</b>
Dužina isporuke	mm	<b>6500</b>



Prečka /T120 plus/		
Art.br.	Nova oznaka	<b>FT-0715</b>
	Stara oznaka	<b>TI-923/924</b>
Težina	kg/m'	<b>2.100</b>
Opseg	mm	<b>436.15</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>17.88</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>51.89</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>8.79</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>9.02</b>
Dužina isporuke	mm	<b>6500</b>

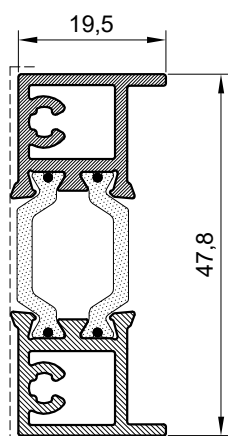


Prečka /T120 plus/		
Art.br.	Nova oznaka	<b>FT-0716</b>
	Stara oznaka	<b>TI-932/933</b>
Težina	kg/m'	<b>1.753</b>
Opseg	mm	<b>392.75</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>14.65</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>23.46</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>7.23</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>4.98</b>
Dužina isporuke	mm	<b>6500</b>

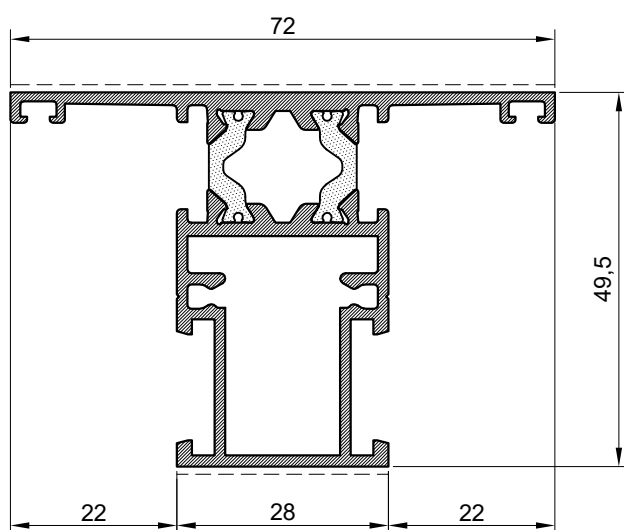


Spojnica		
Art.br.	Nova oznaka	<b>FT-0717</b>
	Stara oznaka	<b>TI-913/2</b>
Težina	kg/m'	<b>0.717</b>
Opseg	mm	<b>238.00</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>4.320</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>1.040</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>1.840</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>0.760</b>
Dužina isporuke	mm	<b>6500</b>

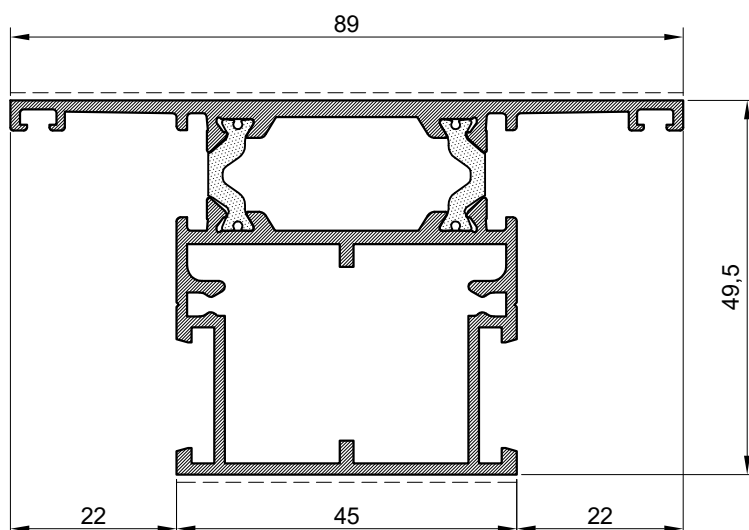




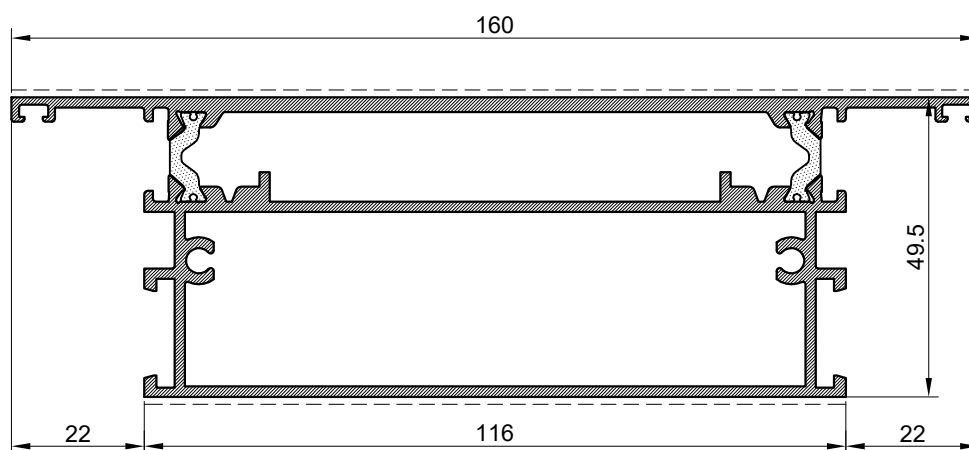
Umetak		
Art.br.	Nova oznaka	<b>FT-0718</b>
	Stara oznaka	<b>TI-941/2</b>
Težina	kg/m'	<b>0.787</b>
Opseg	mm	<b>148.071</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>5.020</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>0.720</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>2.880</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>0.600</b>
Dužina isporuke	mm	<b>6500</b>



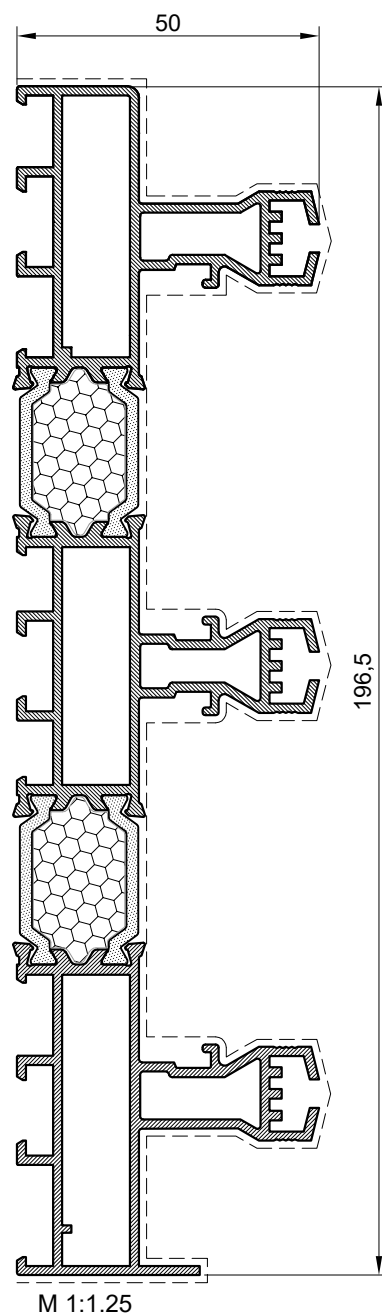
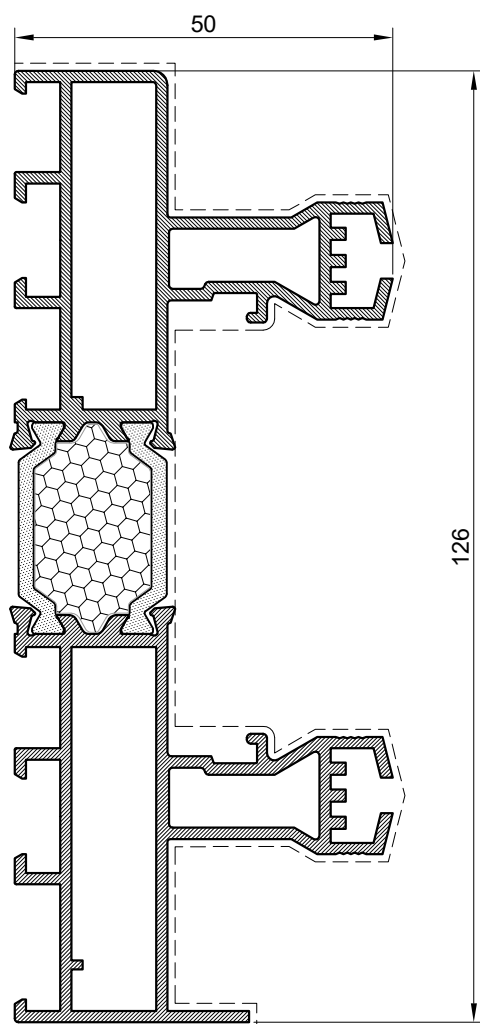
Prečka za krilo FT-0710		
Art.-Br.	<b>FT-0104</b>	
Težina	kg/m'	<b>1.261</b>
Opseg	mm	<b>343.00</b>
Moment inercije	Ix (cm <sup>4</sup> )	<b>9.74</b>
	Iy (cm <sup>4</sup> )	<b>8.68</b>
	Wx (cm <sup>3</sup> )	<b>3.96</b>
	Wy (cm <sup>3</sup> )	<b>2.41</b>
Dužina isporuke	mm	<b>6500</b>



Prečka za krilo FT-0710		
Art.-Br.	<b>FT-0105</b>	
Težina	kg/m'	<b>1.539</b>
Opseg	mm	<b>375.00</b>
Moment inercije	Ix (cm <sup>4</sup> )	<b>12.91</b>
	Iy (cm <sup>4</sup> )	<b>20.51</b>
	Wx (cm <sup>3</sup> )	<b>5.30</b>
	Wy (cm <sup>3</sup> )	<b>4.61</b>
Dužina isporuke	mm	<b>6500</b>



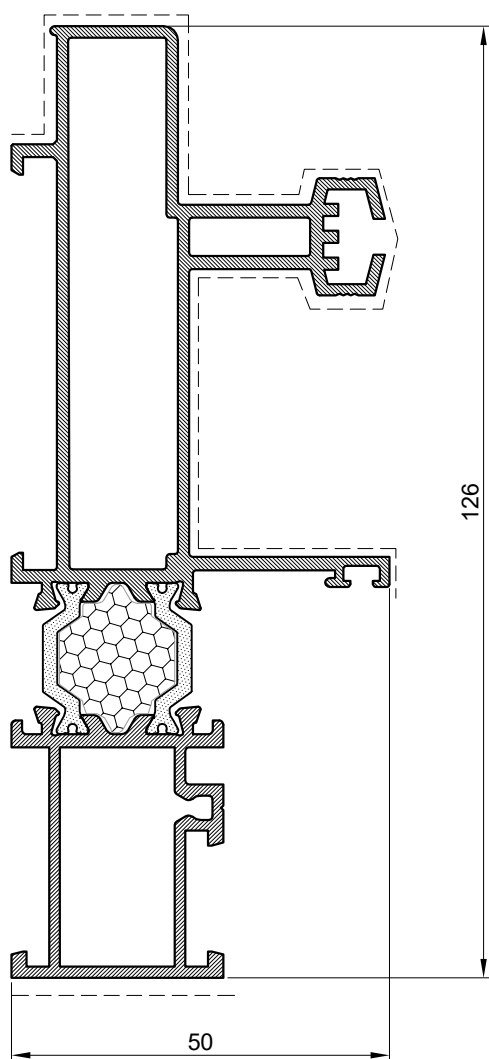
Prečka za krilo FT-0710		
Art.-Br.	<b>FT-0113</b>	
Težina	kg/m'	<b>2.917</b>
Opseg	mm	<b>511.00</b>
Moment inercije	Ix (cm <sup>4</sup> )	<b>11.08</b>
	Iy (cm <sup>4</sup> )	<b>76.04</b>
	Wx (cm <sup>3</sup> )	<b>5.71</b>
	Wy (cm <sup>3</sup> )	<b>11.87</b>
Dužina isporuke	mm	<b>6500</b>



Ram-dvije staze		
Art.br.	Nova oznaka	<b>FT-0720F</b>
	Stara oznaka	<b>TI-928/929-A</b>
Težina	kg/m'	<b>2.374</b>
Opseg	mm	<b>653.527</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>90.85</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>16.60</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>19.30</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>5.540</b>
Dužina isporuke	mm	<b>6500</b>

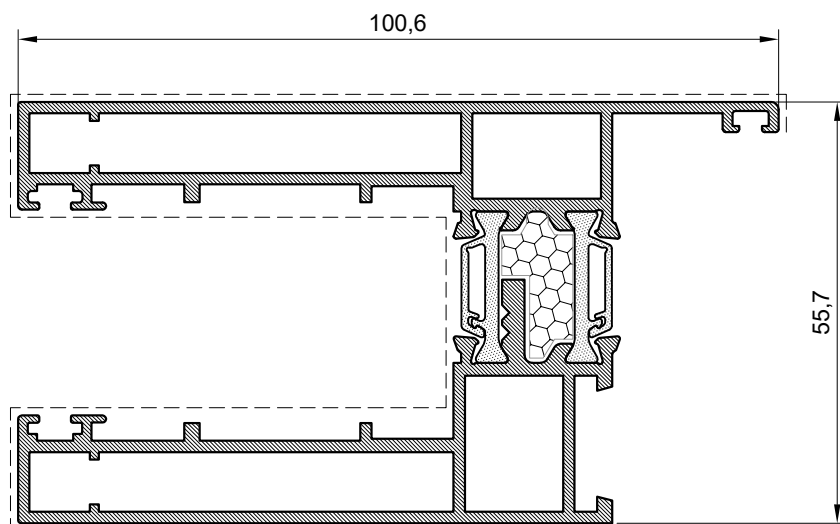
Ram-tri staze		
Art.br.	Nova oznaka	<b>FT-0721F</b>
	Stara oznaka	<b>TI-928/29/30-A</b>
Težina	kg/m'	<b>3.671</b>
Opseg	mm	<b>975.03</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>341.96</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>25.22</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>44.23</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>8.390</b>
Dužina isporuke	mm	<b>6500</b>

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F”

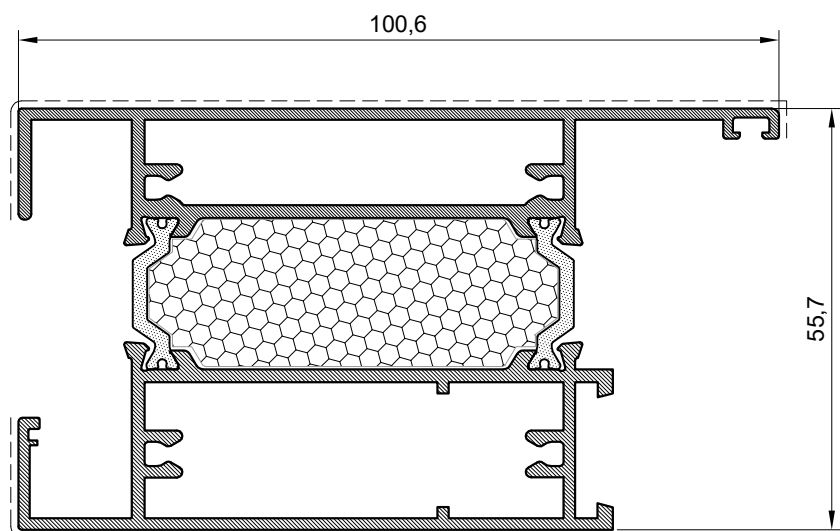


Ram /Termo 120-D plus/		
Art.br.	Nova oznaka	<b>FT-0722F</b>
	Stara oznaka	<b>TI-931/692</b>
Težina	kg/m'	<b>2.108</b>
Opseg	mm	<b>575.13</b>
Moment inercije	Ix (cm4)	<b>80.18</b>
	Iy (cm4)	<b>12.18</b>
	Wx (cm3)	<b>15.75</b>
	Wy (cm3)	<b>4.04</b>
Dužina isporuke	mm	<b>6500</b>

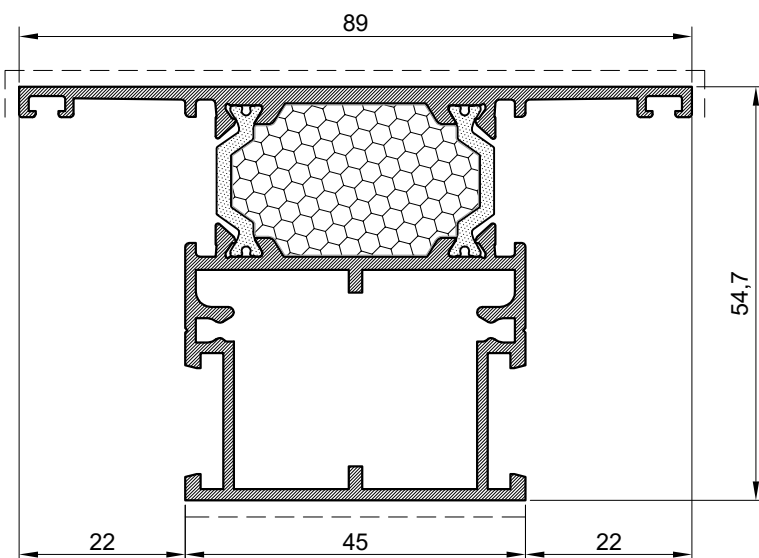
**PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F”**



Kriilo		
Art.br.	Nova oznaka	<b>FT-0725F</b>
	Stara oznaka	<b>TI-917/918-A</b>
Težina	kg/m'	<b>2.230</b>
Opseg	mm	<b>525.049</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>24.28</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>54.62</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>11.28</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>9.940</b>
Dužina isporuke	mm	<b>6500</b>

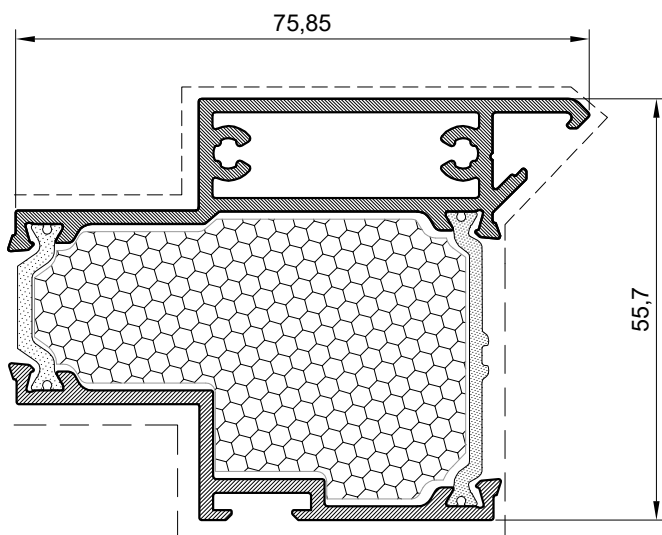


Prečka /T120-D plus/		
Art.br.	Nova oznaka	<b>FT-0730F</b>
	Stara oznaka	<b>TI-923/924-A</b>
Težina	kg/m'	<b>2.125</b>
Opseg	mm	<b>443.30</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>22.61</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>51.89</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>10.31</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>9.02</b>
Dužina isporuke	mm	<b>6500</b>

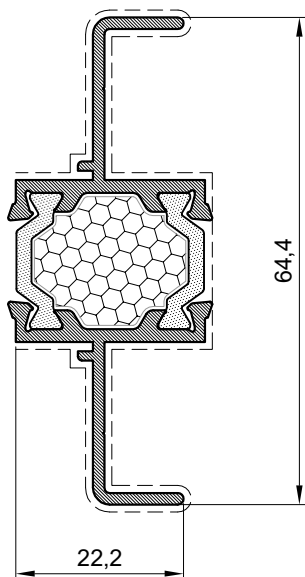


Prečka /Termo 120-D/		
Art.br.	Nova oznaka	<b>FT-0731F</b>
	Stara oznaka	<b>FT-0105/D</b>
Težina	kg/m'	<b>1.562</b>
Opseg	mm	<b>378.42</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>15.87</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>20.51</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>6.25</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>4.61</b>
Dužina isporuke	mm	<b>6500</b>

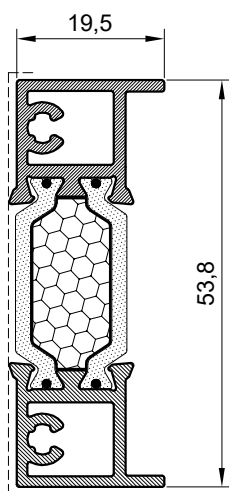
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F”



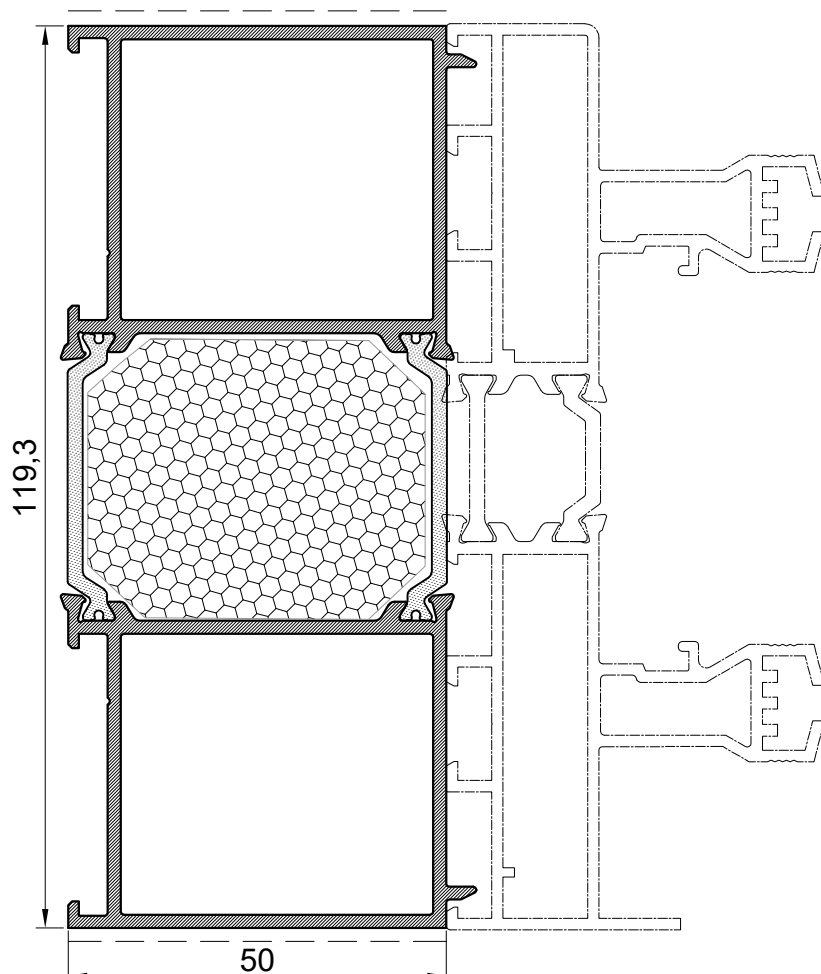
Umetak-spoj pod 90°		
Art.br.	Nova oznaka	<b>FT-0732F</b>
	Stara oznaka	<b>TI-937/938</b>
Težina	kg/m'	<b>1.544</b>
Opseg	mm	<b>300.205</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	-
	I <sub>y</sub> (cm <sup>4</sup> )	-
	W <sub>x</sub> (cm <sup>3</sup> )	-
	W <sub>y</sub> (cm <sup>3</sup> )	-
Dužina isporuke	mm	<b>6500</b>



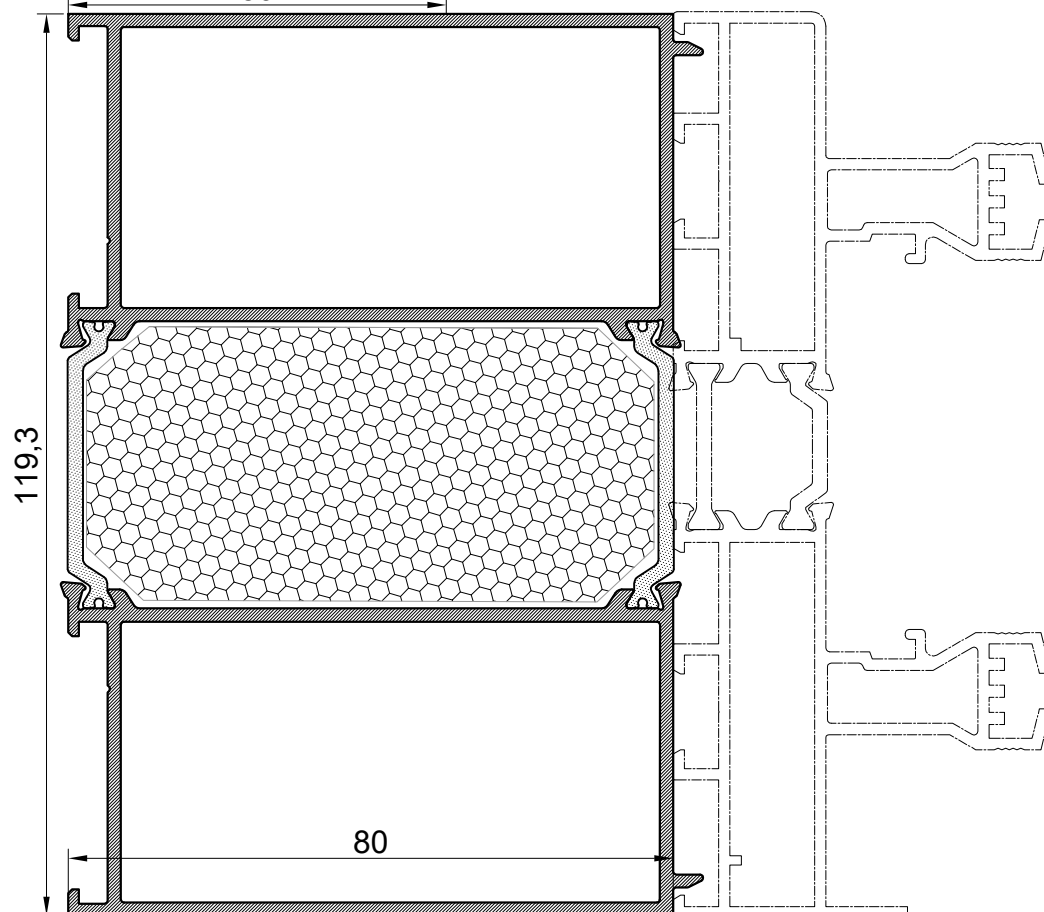
Spojnica /Termo 120-D/		
Art.br.	Nova oznaka	<b>FT-0733F</b>
	Stara oznaka	<b>TI-913/2-A</b>
Težina	kg/m'	<b>0.764</b>
Opseg	mm	<b>230.00</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>5.65</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>1.04</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>2.26</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>0.76</b>
Dužina isporuke	mm	<b>6500</b>



Umetak		
Art.br.	Nova oznaka	<b>FT-0734F</b>
	Stara oznaka	<b>TI-941/2-A</b>
Težina	kg/m'	<b>0.820</b>
Opseg	mm	<b>160.071</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>6.790</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>0.720</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>3.500</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>0.600</b>
Dužina isporuke	mm	<b>6500</b>

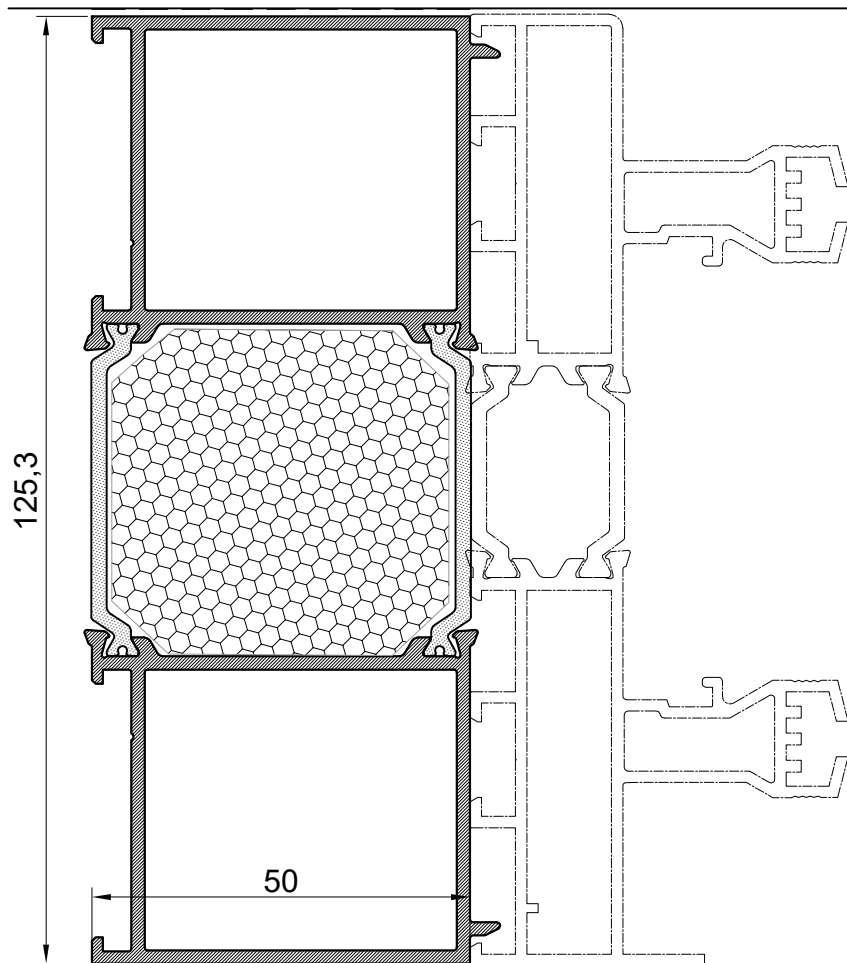


Proširenje rama FT-0701		
Art.-Br.	<b>FT-1150F</b>	
Težina	kg/m'	<b>2.06</b>
Opseg	mm	<b>391.00</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>117.02</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>23.24</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>19.62</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>8.35</b>
Dužina isporuke	mm	<b>6500</b>

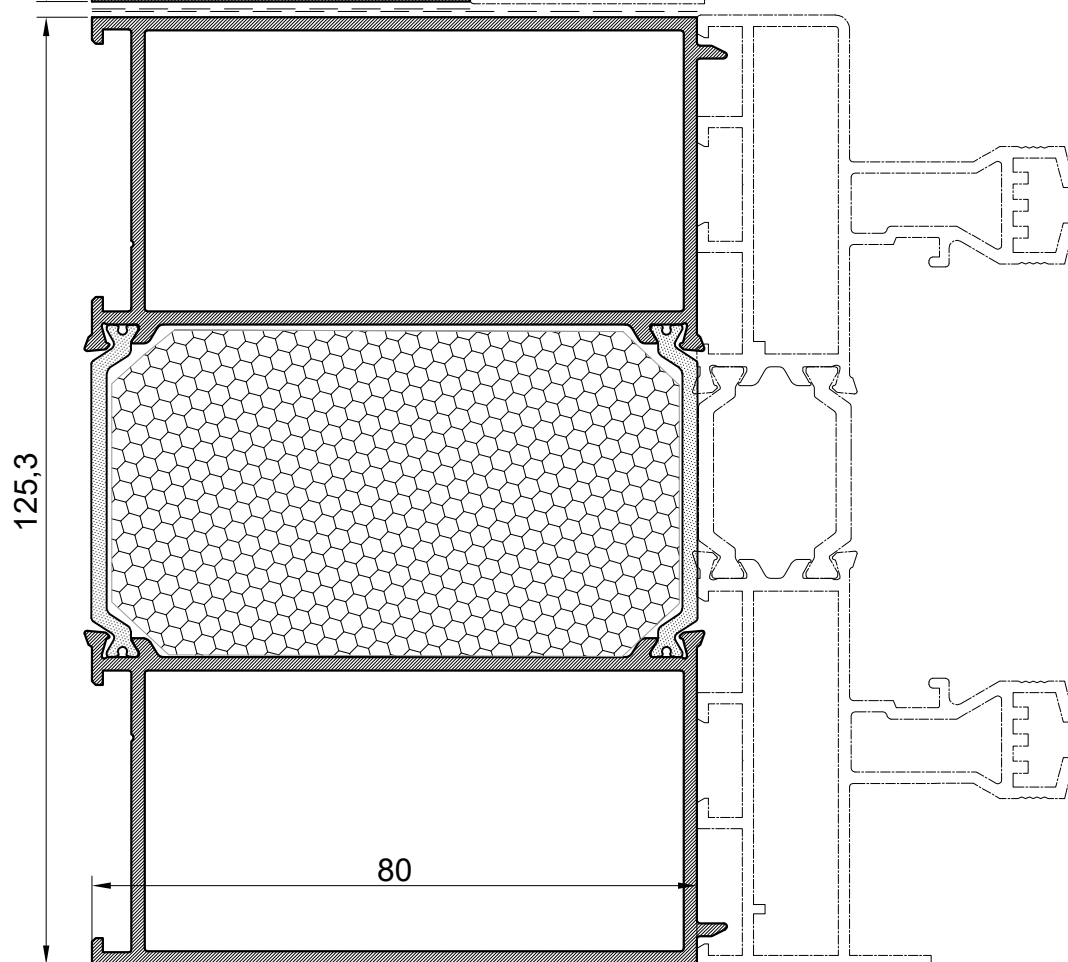


Proširenje rama FT-0701		
Art.-Br.	<b>FT-1151F</b>	
Težina	kg/m'	<b>2.628</b>
Opseg	mm	<b>451.00</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>157.44</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>75.01</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>26.4</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>17.43</b>
Dužina isporuke	mm	<b>6500</b>

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F”



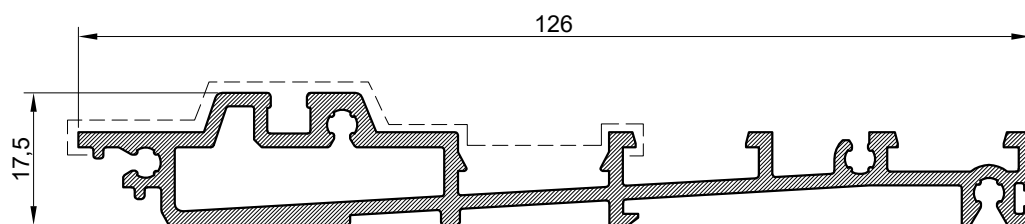
Proširenje rama FT-0720F		
Art.-Br.	<b>FT-1152F</b>	
Težina	kg/m'	<b>2.126</b>
Opseg	mm	<b>403.05</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>133.13</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>23.24</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>21.25</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>8.35</b>
Dužina isporuke	mm	<b>6500</b>



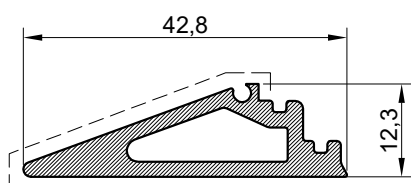
Proširenje rama FT-0720F		
Art.-Br.	<b>FT-1153F</b>	
Težina	kg/m'	<b>2.694</b>
Opseg	mm	<b>436.05</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>178.70</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>75.01</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>28.53</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>17.43</b>
Dužina isporuke	mm	<b>6500</b>

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F”

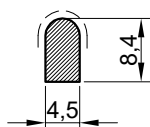




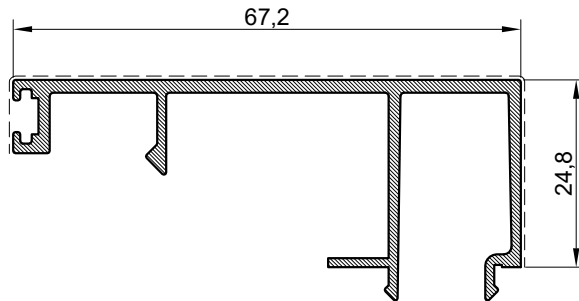
Ram-niski prag		
Art.-Br.	<b>F-1377</b>	
Težina	kg/m'	<b>1.368</b>
Opseg	mm	<b>422.82</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>1.0577</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>70.8589</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>1.0239</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>10.3398</b>
Dužina isporuke	mm	<b>6500</b>



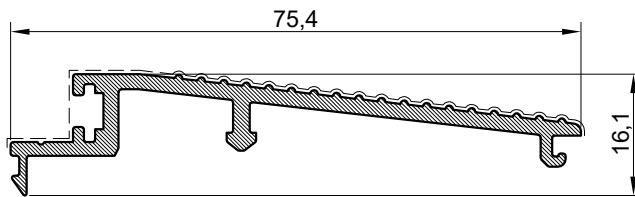
Al umetak-niski prag		
Art.-Br.	<b>F-1378</b>	
Težina	kg/m'	<b>0.521</b>
Opseg	mm	<b>107.94</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>0.2114</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>2.6509</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.2520</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>1.1698</b>
Dužina isporuke	mm	<b>6500</b>



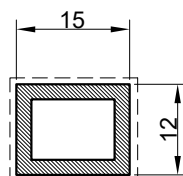
Al vodicica-niski prag		
Art.-Br.	<b>F-1379</b>	
Težina	kg/m'	<b>0.096</b>
Opseg	mm	<b>23.77</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	-
	I <sub>y</sub> (cm <sup>4</sup> )	-
	W <sub>x</sub> (cm <sup>3</sup> )	-
	W <sub>y</sub> (cm <sup>3</sup> )	-
Dužina isporuke	mm	<b>6500</b>



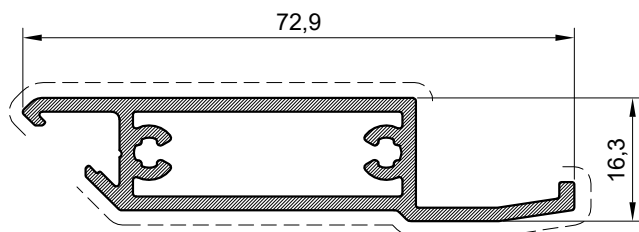
Al maska-niski prag		
Art.-Br.	<b>F-1380</b>	
Težina	kg/m'	<b>0.626</b>
Opseg	mm	<b>303.22</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>1.5802</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>11.3486</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.7118</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>2.9174</b>
Dužina isporuke	mm	<b>6500</b>



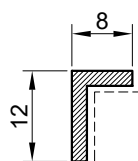
Al maska-niski prag		
Art.-Br.	<b>F-1381</b>	
Težina	kg/m'	<b>0.584</b>
Opseg	mm	<b>231.87</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>0.2323</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>10.5738</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.2202</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>2.5702</b>
Dužina isporuke	mm	<b>6500</b>



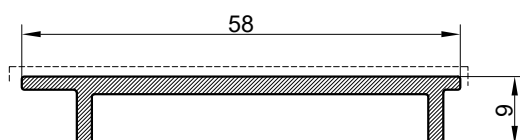
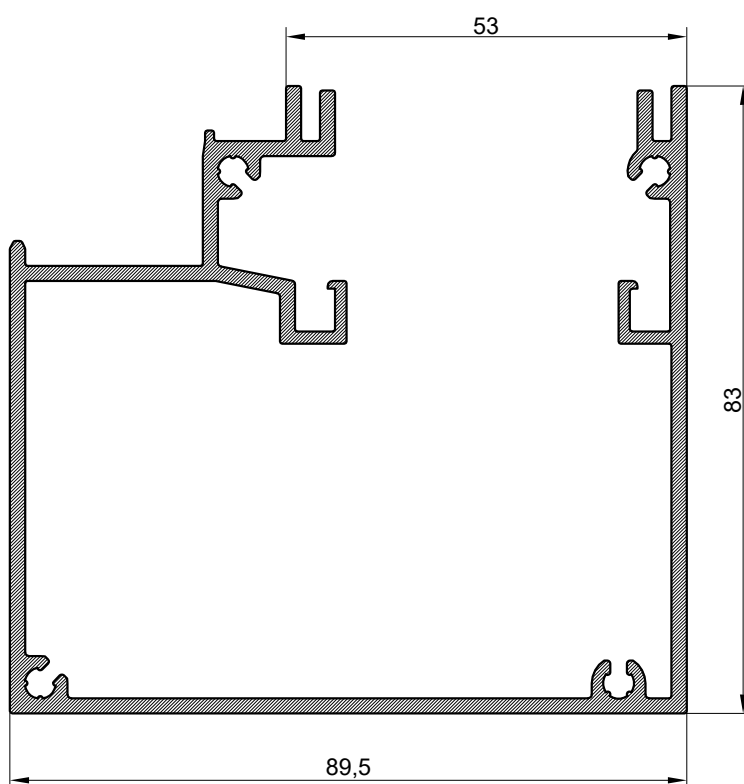
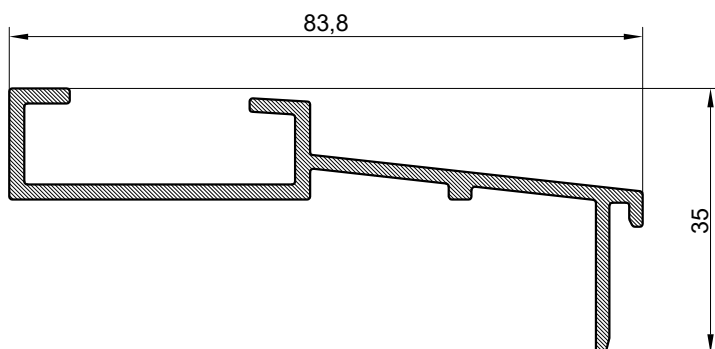
Al profil		
Art.-Br.	<b>F-1531</b>	
Težina	kg/m'	<b>0.250</b>
Opseg	mm	<b>54.00</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>0.250</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>0.170</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.330</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>0.280</b>
Dužina isporuke	mm	<b>6500</b>



Al umetak-spoj pod 90°		
Art.-Br.	<b>F-1532</b>	
Težina	kg/m'	<b>0.810</b>
Opseg	mm	<b>192.99</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>1.020</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>10.580</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>1.240</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>2.720</b>
Dužina isporuke	mm	<b>6500</b>



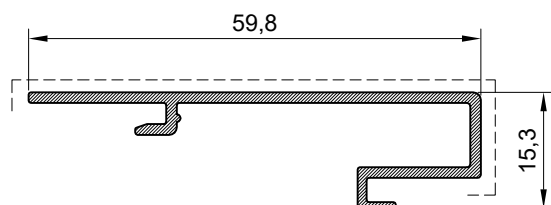
Al profil-držač točkića (Termo 120-D)		
Art.-Br.	<b>F-1676</b>	
Težina	kg/m'	<b>0.0972</b>
Opseg	mm	<b>40.00</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>0.0492</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>0.0172</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.0642</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>0.0303</b>
Dužina isporuke	mm	<b>6500</b>



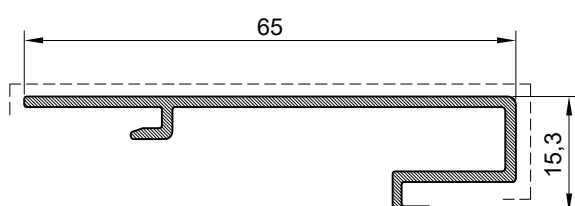
Al profil		
Art.-Br.	<b>F-1479</b>	
Težina	kg/m'	<b>0.744</b>
Opseg	mm	<b>288.51</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>1.1825</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>21.088</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.5264</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>4.9570</b>
Dužina isporuke	mm	<b>6500</b>

Al profil		
Art.-Br.	<b>F-1480</b>	
Težina	kg/m'	<b>2.064</b>
Opseg	mm	<b>768.74</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>63.570</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>86.708</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>14.011</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>18.723</b>
Dužina isporuke	mm	<b>6500</b>

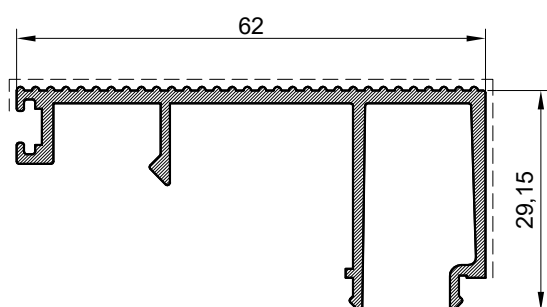
Al profil		
Art.-Br.	<b>F-1478</b>	
Težina	kg/m'	<b>0.424</b>
Opseg	mm	<b>145.75</b>
Moment inercije	I <sub>x</sub> (cm <sup>4</sup> )	<b>0.0607</b>
	I <sub>y</sub> (cm <sup>4</sup> )	<b>4.8705</b>
	W <sub>x</sub> (cm <sup>3</sup> )	<b>0.0854</b>
	W <sub>y</sub> (cm <sup>3</sup> )	<b>1.6294</b>
Dužina isporuke	mm	<b>6500</b>



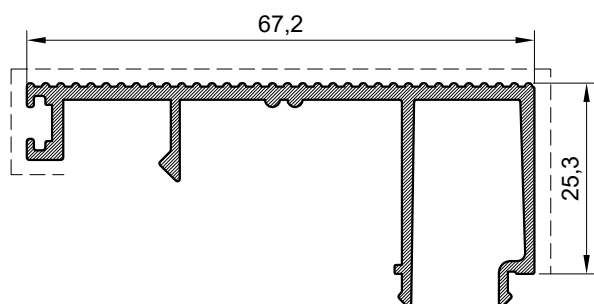
Lajsna-spoj dva krila		
Art.-Br.	<b>F-1529</b>	
Težina	kg/m'	<b>0.371</b>
Opseg	mm	<b>201.47</b>
Dužina isporuke	mm	<b>6500</b>



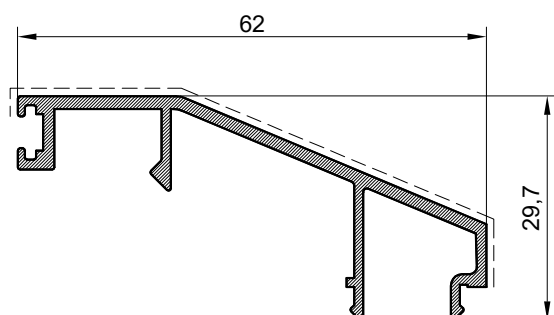
Lajsna-spoj dva krila		
Art.-Br.	<b>F-1528</b>	
Težina	kg/m'	<b>0.389</b>
Opseg	mm	<b>211.27</b>
Dužina isporuke	mm	<b>6500</b>



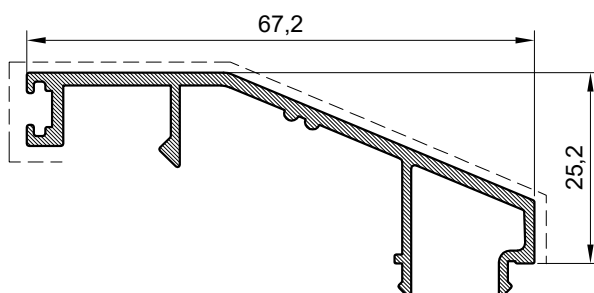
Lajsna-T120+		
Art.-Br.	<b>F-0847</b>	
Težina	kg/m'	<b>0.643</b>
Opseg	mm	<b>310.94</b>
Dužina isporuke	mm	<b>6500</b>



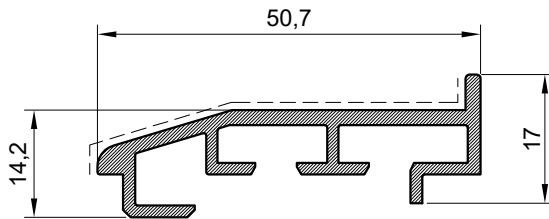
Lajsna-T120-D+		
Art.-Br.	<b>F-1444</b>	
Težina	kg/m'	<b>0.676</b>
Opseg	mm	<b>325.00</b>
Dužina isporuke	mm	<b>6500</b>



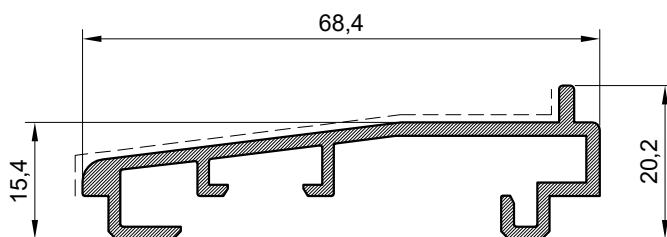
Lajsna-T120+		
Art.-Br.	<b>F-0846</b>	
Težina	kg/m'	<b>0.510</b>
Opseg	mm	<b>249.08</b>
Dužina isporuke	mm	<b>6500</b>



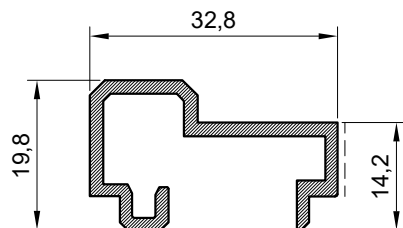
Lajsna-T120-D+		
Art.-Br.	<b>F-1445</b>	
Težina	kg/m'	<b>0.540</b>
Opseg	mm	<b>261.16</b>
Dužina isporuke	mm	<b>6500</b>



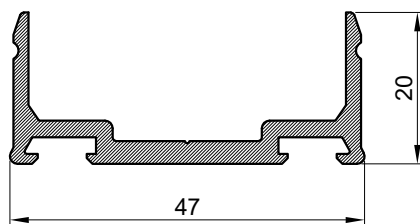
Umetak za nadsvjetlo		
Art.-Br.	<b>F-1004</b>	
Težina	kg/m'	<b>0.550</b>
Opseg	mm	<b>228.46</b>
Dužina isporuke	mm	<b>6500</b>



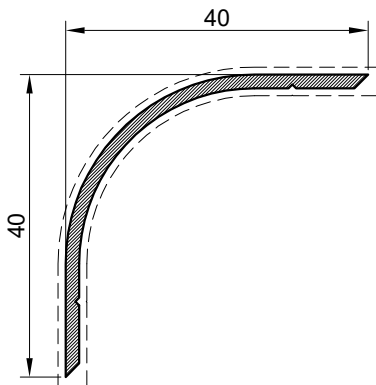
Umetak za nadsvjetlo		
Art.-Br.	<b>F-1005</b>	
Težina	kg/m'	<b>0.639</b>
Opseg	mm	<b>268.46</b>
Dužina isporuke	mm	<b>6500</b>



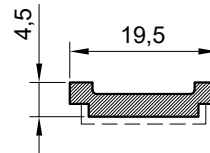
Umetak za nadsvjetlo		
Art.-Br.	<b>F-1006</b>	
Težina	kg/m'	<b>0.388</b>
Opseg	mm	<b>167.40</b>
Dužina isporuke	mm	<b>6500</b>



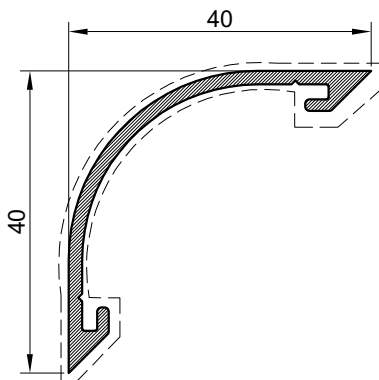
Držač lajsne za ojačanje krila		
Art.-Br.	<b>FMO-50/20-D</b>	
Težina	kg/m'	<b>0.558</b>
Opseg	mm	<b>184.82</b>
Dužina isporuke	mm	<b>6500</b>



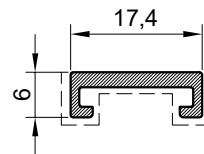
Al maska		
Art.-Br.	<b>F-0695</b>	
Težina	kg/m'	<b>0.320</b>
Opseg	mm	<b>138.00</b>
Dužina isporuke	mm	<b>6500</b>



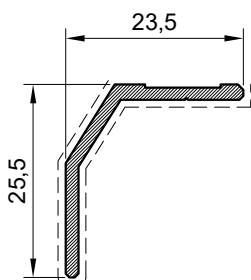
Klizač		
Art.-Br.	<b>NC-1459</b>	
Težina	kg/m'	<b>0.156</b>
Opseg	mm	<b>51.00</b>
Dužina isporuke	mm	<b>6500</b>



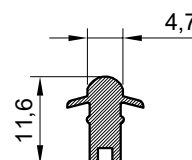
Al maska		
Art.-Br.	<b>F-1231</b>	
Težina	kg/m'	<b>0.383</b>
Opseg	mm	<b>158.93</b>
Dužina isporuke	mm	<b>6500</b>



Al profil		
Art.-Br.	<b>F-1471</b>	
Težina	kg/m'	<b>0.132</b>
Opseg	mm	<b>60.54</b>
Dužina isporuke	mm	<b>6500</b>

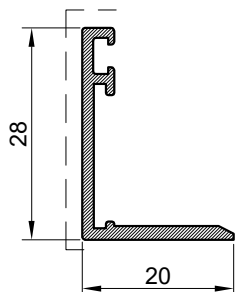


Al maska		
Art.-Br.	<b>F-1221</b>	
Težina	kg/m'	<b>0.198</b>
Opseg	mm	<b>89.06</b>
Dužina isporuke	mm	<b>6500</b>

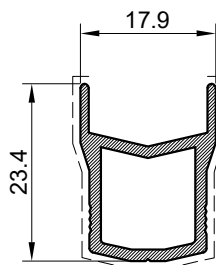


Vodilica		
Art.-Br.	<b>F-1112</b>	
Težina	kg/m'	<b>0.129</b>
Opseg	mm	<b>45.43</b>
Dužina isporuke	mm	<b>6500</b>

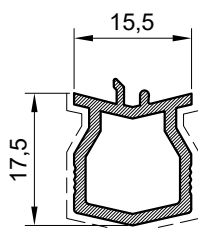




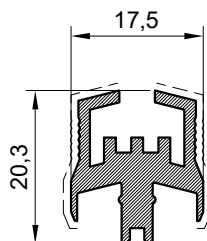
Al profil		
Art.-Br.	<b>F-1558</b>	
Težina	kg/m'	<b>0.227</b>
Opseg	mm	<b>113.00</b>
Dužina isporuke	mm	<b>6500</b>



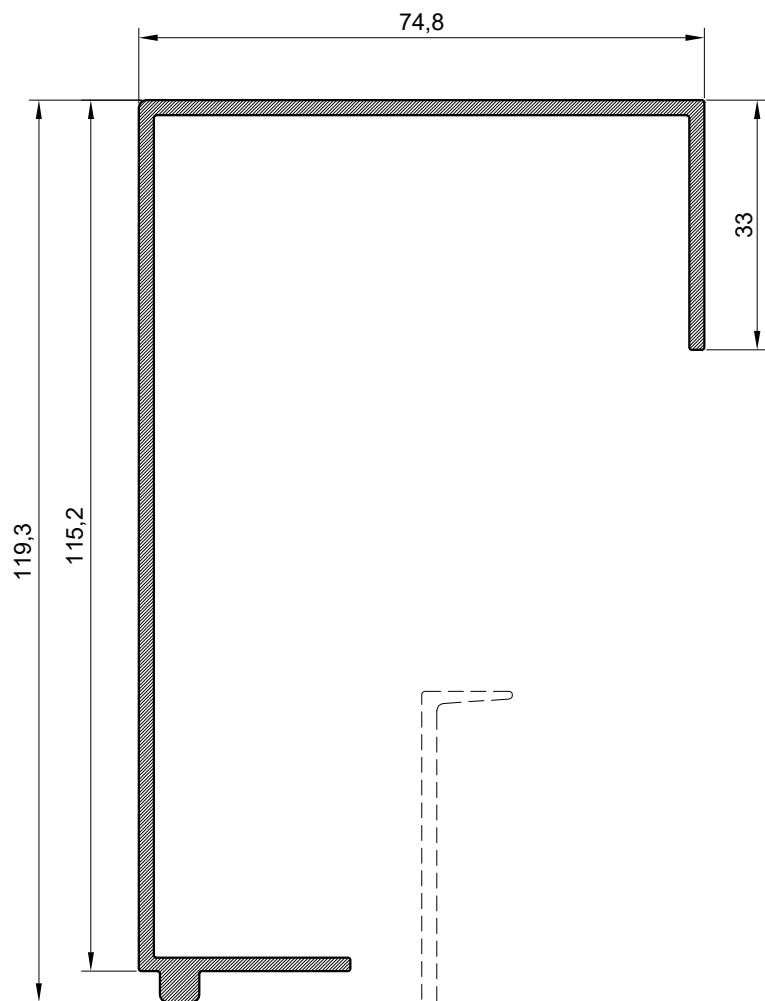
Gornji umetak rama		
Art.-Br.	<b>TI-916</b>	
Težina	kg/m'	<b>0.300</b>
Opseg	mm	<b>92.00</b>
Dužina isporuke	mm	<b>6500</b>



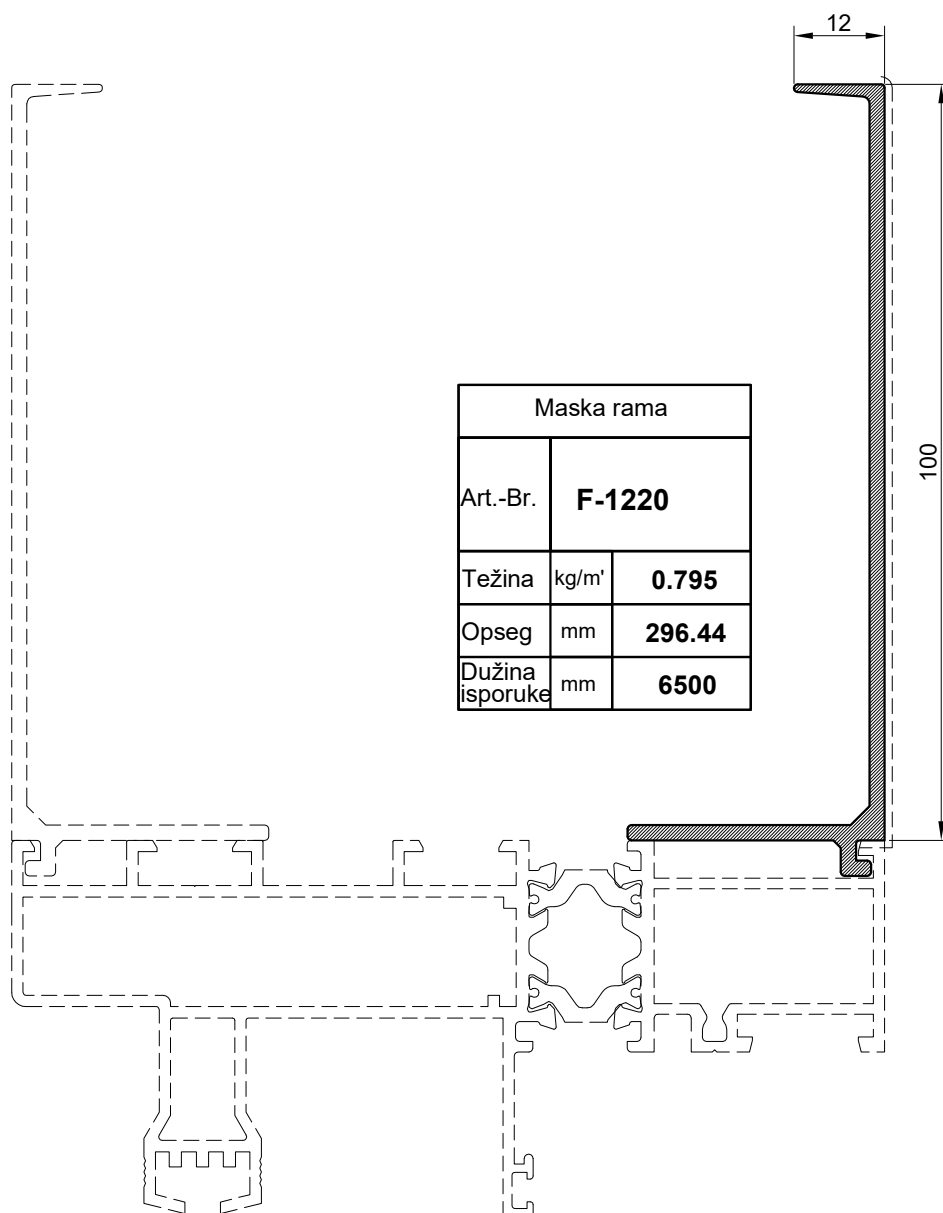
Gornji umetak rama podizno klizno		
Art.-Br.	<b>F-0852</b>	
Težina	kg/m'	<b>0.242</b>
Opseg	mm	<b>78.30</b>
Dužina isporuke	mm	<b>6500</b>



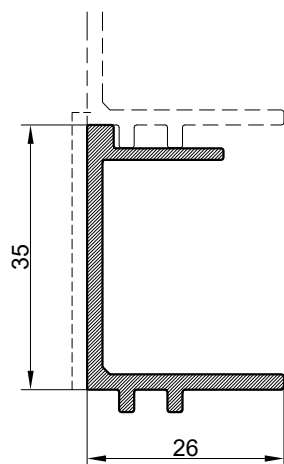
Umetak na ramu za vodilicu		
Art.-Br.	<b>F-0919</b>	
Težina	kg/m'	<b>0.390</b>
Opseg	mm	<b>142.28</b>
Dužina isporuke	mm	<b>6500</b>



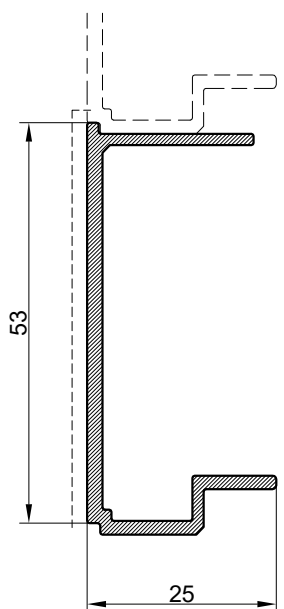
Al. profil		
Art.-Br.	<b>F-1530</b>	
Težina	kg/m'	<b>1.365</b>
Opseg	mm	<b>499.50</b>
Dužina isporuke	mm	<b>6500</b>



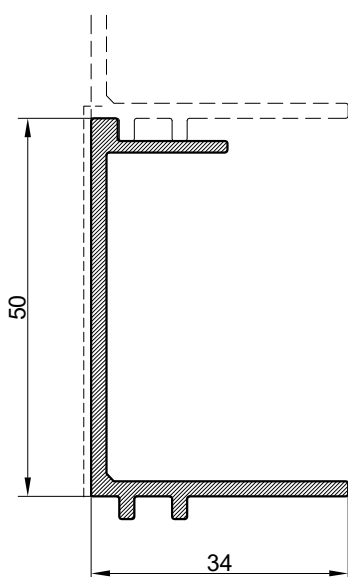
Maska rama		
Art.-Br.	<b>F-1220</b>	
Težina	kg/m'	<b>0.795</b>
Opseg	mm	<b>296.44</b>
Dužina isporuke	mm	<b>6500</b>



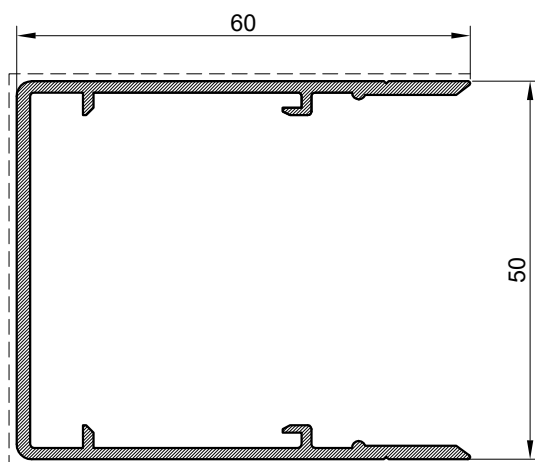
Al profil-proširenje rama		
Art.-Br.	<b>F-1669</b>	
Težina	kg/m'	<b>0.429</b>
Opseg	mm	<b>163.34</b>
Moment inercije	$I_x$ (cm <sup>4</sup> )	<b>2.7845</b>
	$I_y$ (cm <sup>4</sup> )	<b>0.8150</b>
	$W_x$ (cm <sup>3</sup> )	<b>1.2993</b>
	$W_y$ (cm <sup>3</sup> )	<b>0.4263</b>
Dužina isporuke	mm	<b>6500</b>



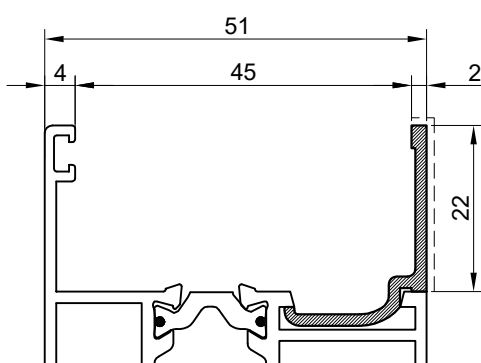
Al profil-proširenje rama		
Art.-Br.	<b>F-1671</b>	
Težina	kg/m'	<b>0.507</b>
Opseg	mm	<b>207.59</b>
Moment inercije	$I_x$ (cm <sup>4</sup> )	<b>7.1939</b>
	$I_y$ (cm <sup>4</sup> )	<b>0.9521</b>
	$W_x$ (cm <sup>3</sup> )	<b>2.4435</b>
	$W_y$ (cm <sup>3</sup> )	<b>0.5045</b>
Dužina isporuke	mm	<b>6500</b>



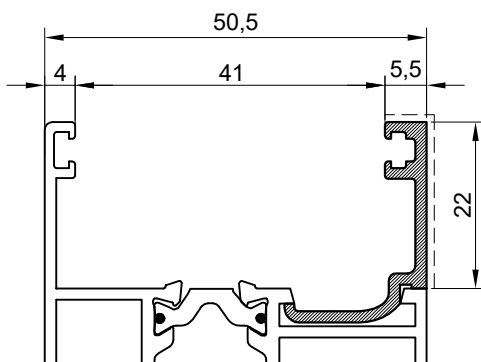
Al profil-proširenje rama		
Art.-Br.	<b>F-1672</b>	
Težina	kg/m'	<b>0.553</b>
Opseg	mm	<b>209.34</b>
Moment inercije	$I_x$ (cm <sup>4</sup> )	<b>7.2055</b>
	$I_y$ (cm <sup>4</sup> )	<b>1.7653</b>
	$W_x$ (cm <sup>3</sup> )	<b>2.3169</b>
	$W_y$ (cm <sup>3</sup> )	<b>0.6743</b>
Dužina isporuke	mm	<b>6500</b>



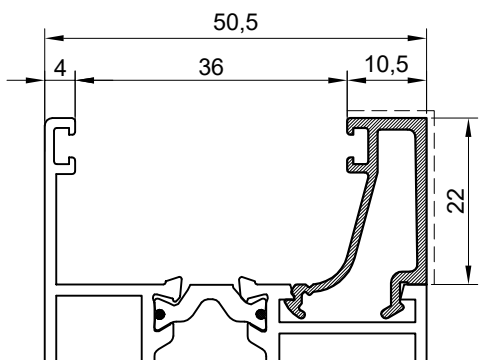
Lajsna-ojačanje krila		
Art.-Br.	<b>FMO 50/61</b>	
Težina	kg/m'	<b>0.785</b>
Opseg	mm	<b>365.55</b>
Dužina isporuke	mm	<b>6500</b>



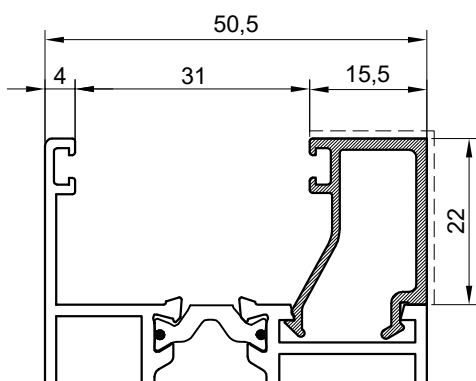
Staklo lajsna		
Art.-Br.	<b>Z40-660</b>	
Težina	kg/m'	<b>0.179</b>
Opseg	mm	<b>89.00</b>
Dužina isporuke	mm	<b>6500</b>



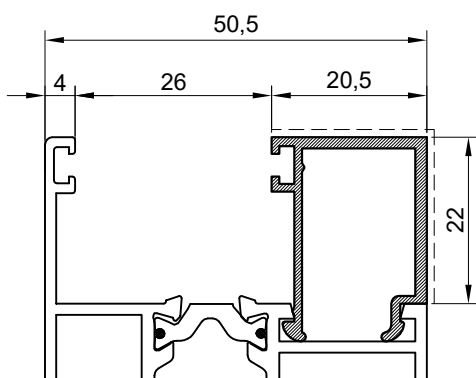
Staklo lajsna		
Art.-Br.	<b>Z40-656</b>	
Težina	kg/m'	<b>0.215</b>
Opseg	mm	<b>107.00</b>
Dužina isporuke	mm	<b>6500</b>



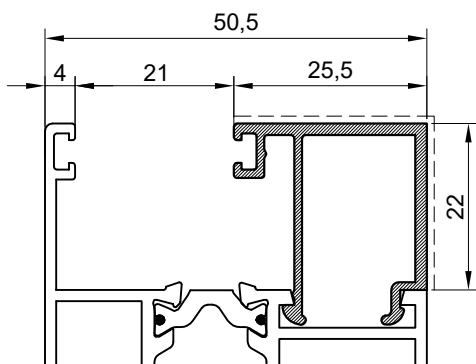
Staklo lajsna		
Art.-Br.	<b>Z40-636</b>	
Težina	kg/m'	<b>0.261</b>
Opseg	mm	<b>151.00</b>
Dužina isporuke	mm	<b>6500</b>



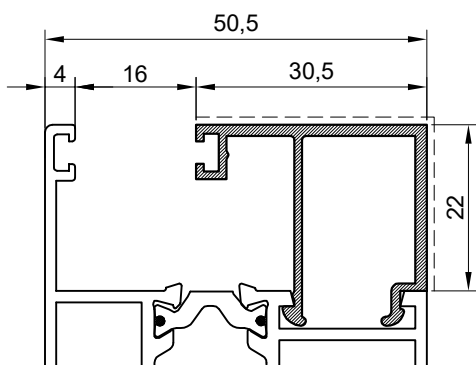
Staklo lajsna		
Art.-Br.	<b>M45-709</b>	
Težina	kg/m'	<b>0.269</b>
Opseg	mm	<b>156.00</b>
Dužina isporuke	mm	<b>6500</b>



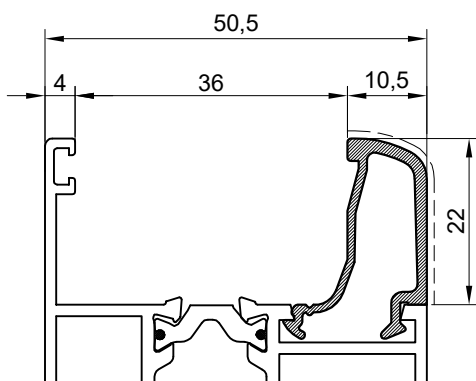
Staklo lajsna		
Art.-Br.	<b>Z40-644</b>	
Težina	kg/m'	<b>0.275</b>
Opseg	mm	<b>162.00</b>
Dužina isporuke	mm	<b>6500</b>



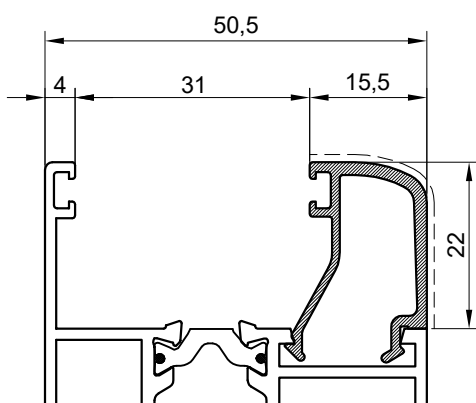
Staklo lajsna		
Art.-Br.	<b>Z40-658</b>	
Težina	kg/m'	<b>0.318</b>
Opseg	mm	<b>184.00</b>
Dužina isporuke	mm	<b>6500</b>



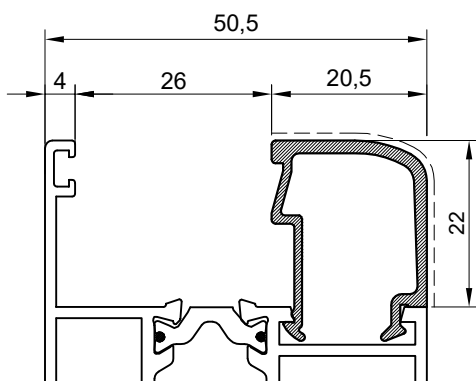
Staklo lajsna		
Art.-Br.	<b>Z40-653</b>	
Težina	kg/m'	<b>0.348</b>
Opseg	mm	<b>201.00</b>
Dužina isporuke	mm	<b>6500</b>



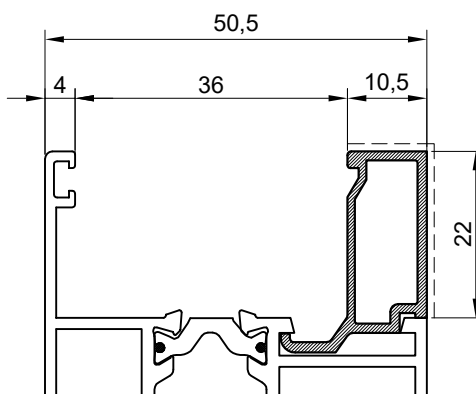
Staklo lajsna		
Art.-Br.	<b>Z40-647</b>	
Težina	kg/m'	<b>0.226</b>
Opseg	mm	<b>137.00</b>
Dužina isporuke	mm	<b>6500</b>



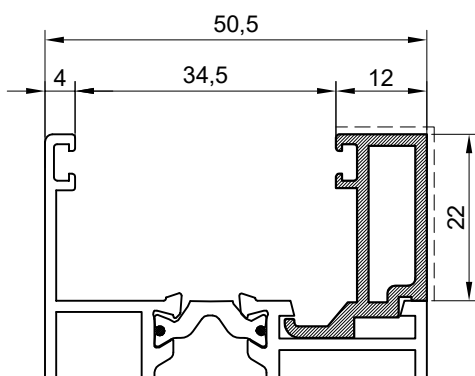
Staklo lajsna		
Art.-Br.	<b>M45-740</b>	
Težina	kg/m'	<b>0.258</b>
Opseg	mm	<b>148.00</b>
Dužina isporuke	mm	<b>6500</b>



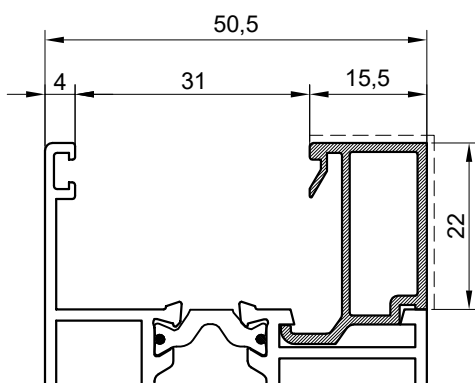
Staklo lajsna		
Art.-Br.	<b>Z40-646</b>	
Težina	kg/m'	<b>0.286</b>
Opseg	mm	<b>154.00</b>
Dužina isporuke	mm	<b>6500</b>



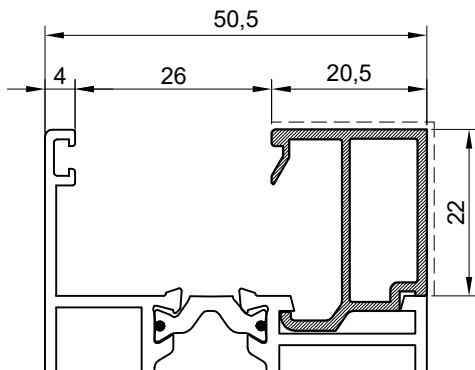
Staklo lajsna		
Art.-Br.	<b>Z40-664</b>	
Težina	kg/m'	<b>0.243</b>
Opseg	mm	<b>93.00</b>
Dužina isporuke	mm	<b>6500</b>



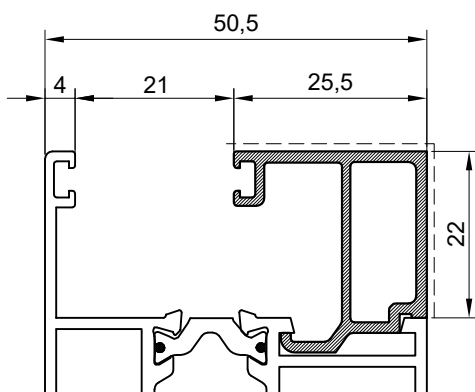
Staklo lajsna		
Art.-Br.	<b>F-0784</b>	
Težina	kg/m'	<b>0.330</b>
Opseg	mm	<b>105.40</b>
Dužina isporuke	mm	<b>6500</b>



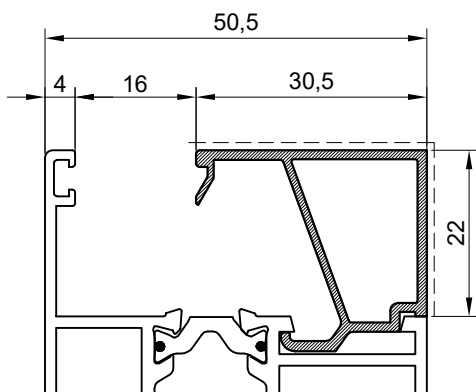
Staklo lajsna		
Art.-Br.	<b>Z40-665</b>	
Težina	kg/m'	<b>0.271</b>
Opseg	mm	<b>112.00</b>
Dužina isporuke	mm	<b>6500</b>



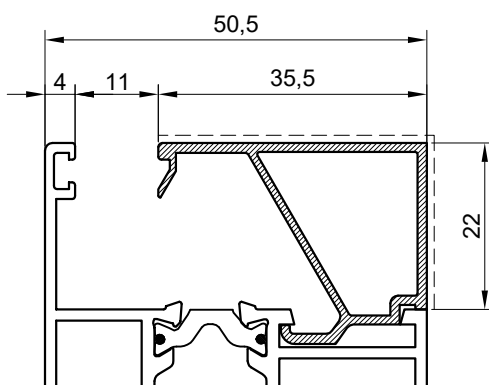
Staklo lajsna		
Art.-Br.	<b>Z40-666</b>	
Težina	kg/m'	<b>0.289</b>
Opseg	mm	<b>122.00</b>
Dužina isporuke	mm	<b>6500</b>



Staklo lajsna		
Art.-Br.	<b>Z40-667</b>	
Težina	kg/m'	<b>0.358</b>
Opseg	mm	<b>139.00</b>
Dužina isporuke	mm	<b>6500</b>



Staklo lajsna		
Art.-Br.	<b>Z40-668</b>	
Težina	kg/m'	<b>0.326</b>
Opseg	mm	<b>135.00</b>
Dužina isporuke	mm	<b>6500</b>



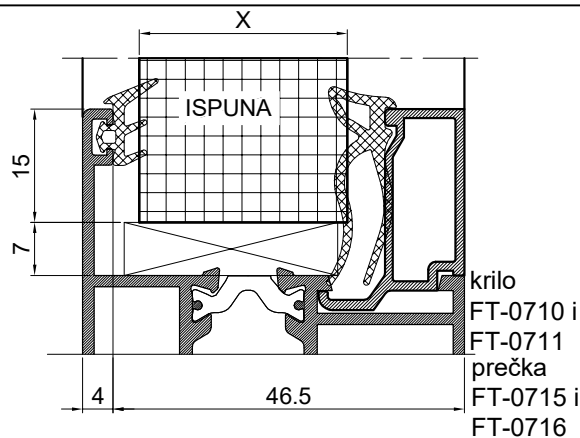
Staklo lajsna		
Art.-Br.	<b>Z40-669</b>	
Težina	kg/m'	<b>0.347</b>
Opseg	mm	<b>143.00</b>
Dužina isporuke	mm	<b>6500</b>



# Prikaz stakljenja

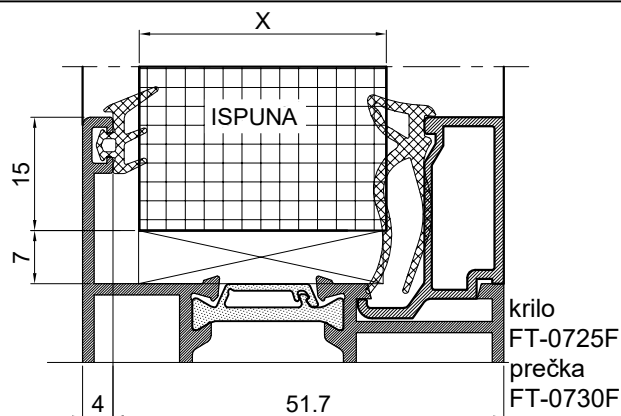


Vanjske brtve		Unutarnje brtve		
321.003 (Z113)	321.002 (Z111)	311.002 (918)	311.003	311.004
4.5-5.5	3.5	3.5-4.5	3-4	5-6



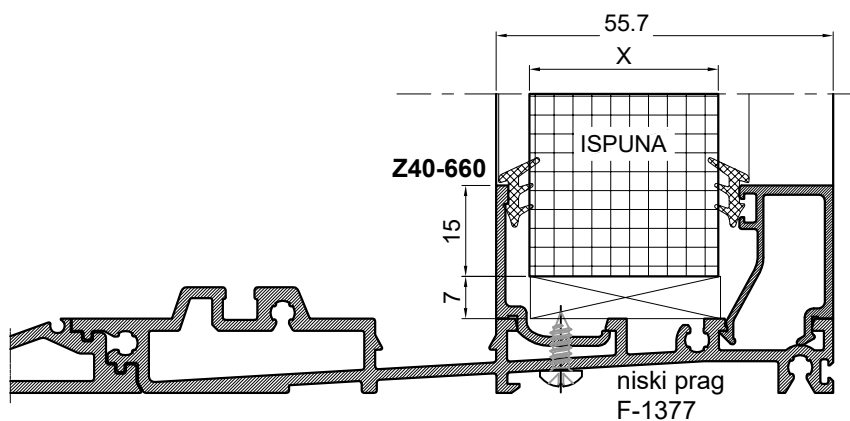
Ispuna X	Vanjska brtva	Unutarnja brtva	LAJSNE ZA STAKLO			
5-6	321.003	311.004	 <b>Z40-653</b>	 <b>Z40-653/B</b>	 <b>Z40-668</b>	
7	321.003	311.003 (311.002)				
8	321.002	311.003 (311.002)				
10-11	321.003	311.004	 <b>Z40-658</b>		 <b>Z40-667</b>	
12	321.003	311.003 (311.002)				
13	321.002	311.003 (311.002)				
15-16	321.003	311.004	 <b>Z40-644</b>	 <b>Z40-646</b>	 <b>Z40-666</b>	
17	321.003	311.003 (311.002)				
18	321.002	311.003 (311.002)				
20-21	321.003	311.004	 <b>M45-709</b>	 <b>M45-740</b>	 <b>Z40-665</b>	
22	321.003	311.003 (311.002)				
23-24	321.002	311.003 (311.002)				
23-24	321.003	311.004			 <b>F-0784</b>	
25	321.003	311.003 (311.002)				
26	321.003	311.004	 <b>Z40-636</b>	 <b>Z40-647</b>	 <b>Z40-664</b>	
27	321.003	311.003 (311.002)				
28	321.002	311.003 (311.002)				
30-31	321.003	311.004	 <b>Z40-656</b>			
32	321.003	311.003				
33	321.002	311.003 (311.002)				
34-35	321.003	311.004	 <b>Z40-660</b>			
36	321.003	311.002				
36	321.002	311.004				
37	321.002	311.003 (311.002)				

Vanjske brtve		Unutarnje brtve			
321.003 (Z113)	321.002 (Z111)	311.001 (921)	311.002 (918)	311.003	311.004
4.5-5.5	3.5	2.5-3.5	3.5-4.5	3-4	5-6



Ispuna X	Vanjska brtva	Unutarnja brtva	LAJSNE ZA STAKLO			
10-11	321.003	311.004				
12	321.003	311.003 (311.002)				
13	321.002	311.002				
14	321.002	311.003 (311.002)	<b>Z40-653</b>		<b>Z40-653/B</b>	<b>Z40-668</b>
15-16	321.003	311.004				
17	321.003	311.003 (311.002)				
18	321.002	311.002				
19	321.002	311.003 (311.002)	<b>Z40-658</b>			<b>Z40-667</b>
20-21	321.003	311.004				
22	321.003	311.003 (311.002)				
23	321.002	311.002				
24	321.002	311.003 (311.002)	<b>Z40-644</b>		<b>Z40-646</b>	<b>Z40-666</b>
25-26	321.003	311.004				
27	321.003	311.003 (311.002)				
28	321.002	311.002				
29	321.002	311.003 (311.002)	<b>M45-709</b>		<b>M45-740</b>	<b>Z40-665</b>
30-31	321.003	311.004				
32	321.003	311.002 (311.003)				
33	321.002	311.002				
34	321.002	311.003 (311.002)	<b>Z40-636</b>		<b>Z40-647</b>	<b>Z40-664</b>
35-36	321.003	311.004				
37	321.003	311.002 (311.003)				
38	321.002	311.002	<b>Z40-656</b>			
39	321.003	311.004				
40-41	321.003	311.002				
42	321.002	311.002 (311.003)				
43-44	311.001	311.001	<b>Z40-660</b>			

Brtve			
311.001 (921)	311.002 (918)	311.003	311.004
2.5-3.5	3.5-4.5	3-4	5-6



Ispuna X	Vanjska brtva	Unutarnja brtva	LAJSNE ZA STAKLO			
13	311.002	311.004				
14	311.001	311.004				
15	311.002	311.002				
16	311.001	311.001 (311.003)	<b>Z40-653</b>		<b>Z40-653/B</b>	
18	311.002	311.004				
19	311.001	311.004				
20	311.002	311.002				
21	311.001	311.001 (311.003)	<b>Z40-658</b>			<b>Z40-667</b>
23	311.002	311.004				
24	311.001	311.004				
25	311.002	311.002				
26	311.001	311.001 (311.003)	<b>Z40-644</b>		<b>Z40-646</b>	<b>Z40-666</b>
28	311.002	311.004				
29	311.001	311.004				
30	311.002	311.002				
31	311.001	311.001 (311.003)	<b>M45-709</b>		<b>M45-740</b>	<b>Z40-665</b>
33	311.002	311.004				
34	311.001	311.004				
35	311.002	311.002				
36	311.001	311.001 (311.003)	<b>Z40-636</b>		<b>Z40-647</b>	<b>Z40-664</b>
38	311.002	311.004				
39	311.002	311.004				
40	311.002	311.002	<b>Z40-656</b>			
41	311.001	311.001 (311.003)				
42	311.002	311.004				
43	311.001	311.004				
44	311.001	311.002	<b>Z40-660</b>			

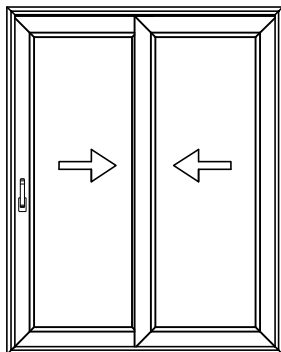


# Presjeci

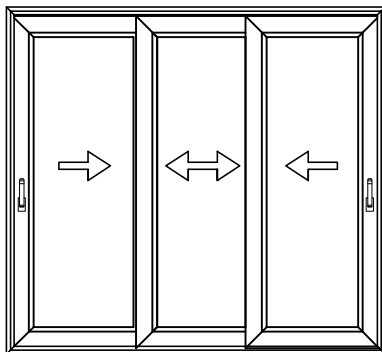




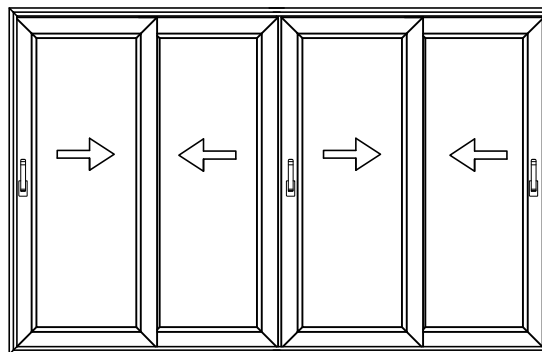
DVOKRILNO KLIZNO



TROKRILNO KLIZNO



ČETVEROKRILNO KLIZNO



**Klizni sistem:**

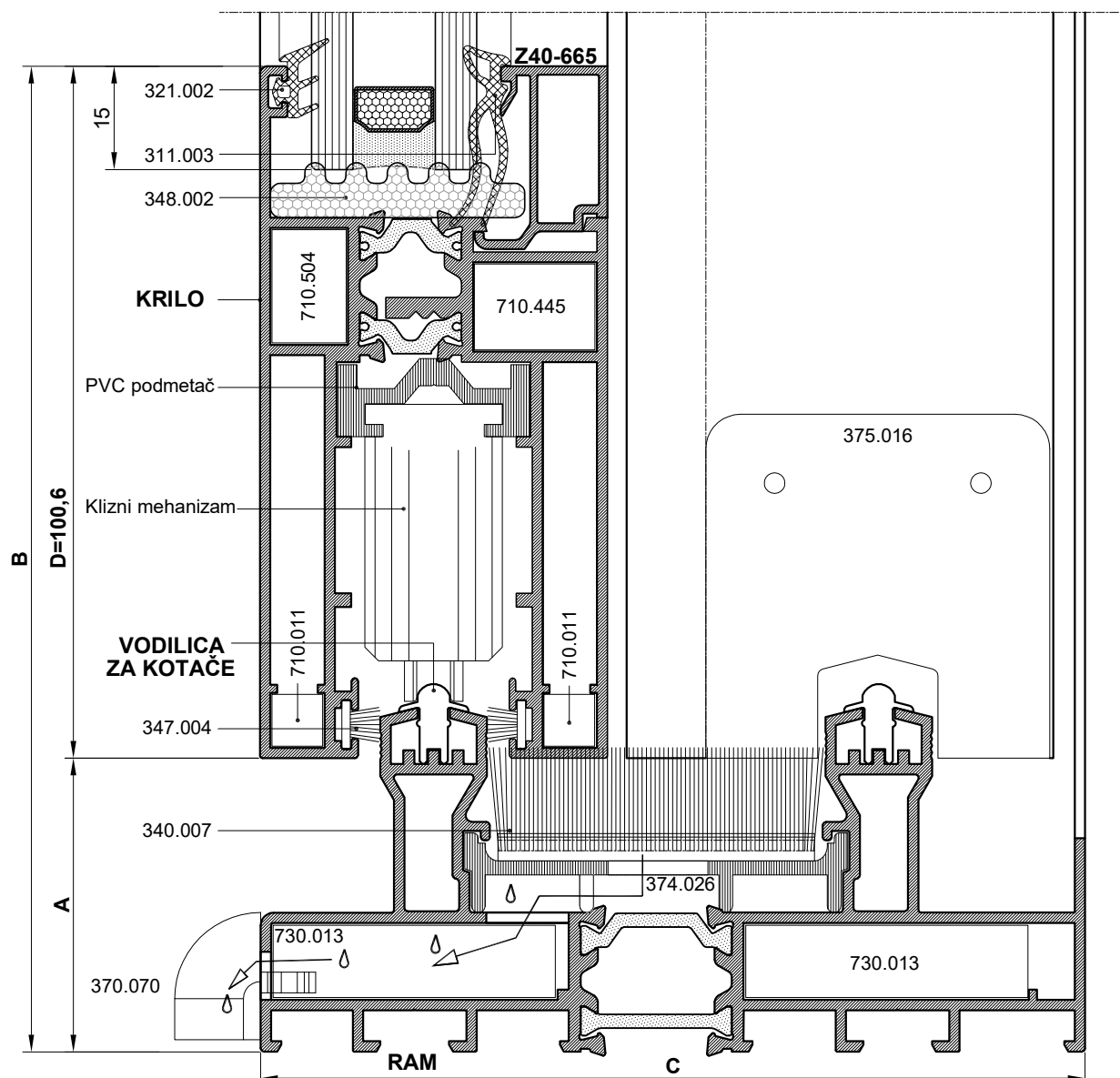
**RAM:** - dvije staze (FT-0701 ili FT-0703)  
 - tri staze (FT-0702 ili FT-0704)

**KRILO:** - FT-0710 .....okov Hautau; Notter  
 - FT-0711 .....okov Hautau

**STAKLO:** - dvoslojno.....debljina 10-37 mm

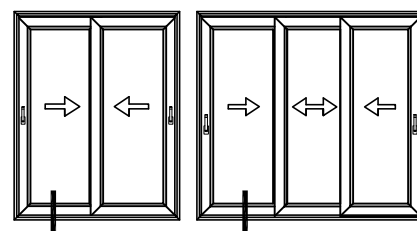
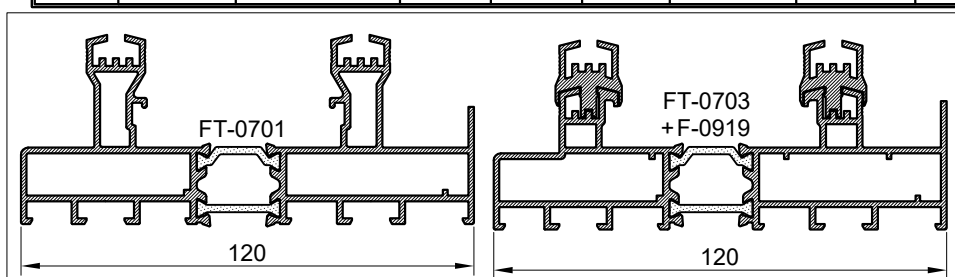
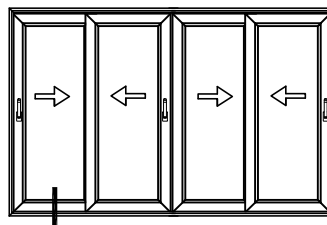
- MOGUĆNOST UGRADNJE NADSVJETLA I PREČKE U KRILU

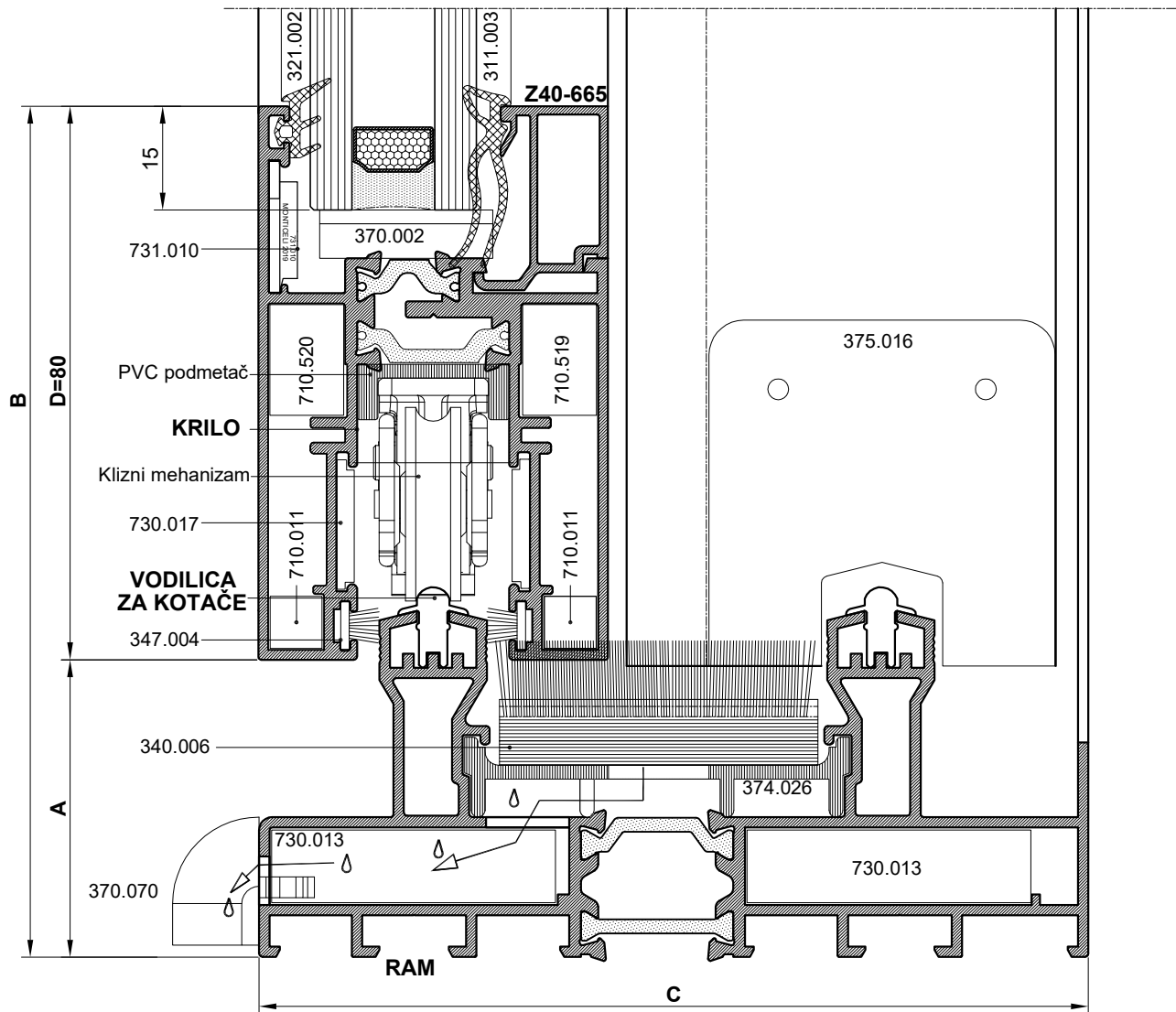




Opis		Oznaka	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	120	730.013	374.026	
	tri staze	FT-0702	185	730.013	374.026	
	dvije staze+umetak	FT-0703 +F-0919	120	730.013	374.026	
	tri staze+umetak	FT-0704 +F-0919	185	730.013	374.026	

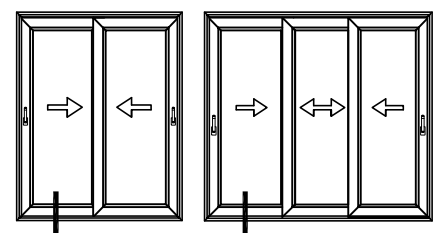
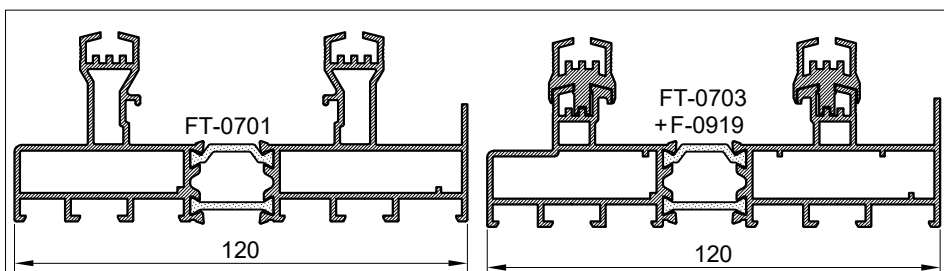
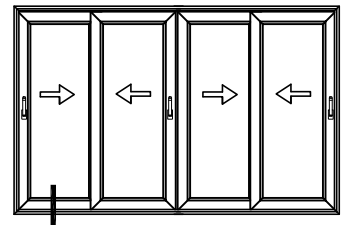
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	PVC podmetaci	Vodilica za kotače	Kutne spojnice
Kriilo	FT-0710	133.006 Notter	42.7	143.3	100.6	374.027	F-1112	710.504 710.445 710.011
	FT-0725 F	149.040 Hautau	41.4	142	100.6	374.042	F-1112	710.504 710.445 710.011

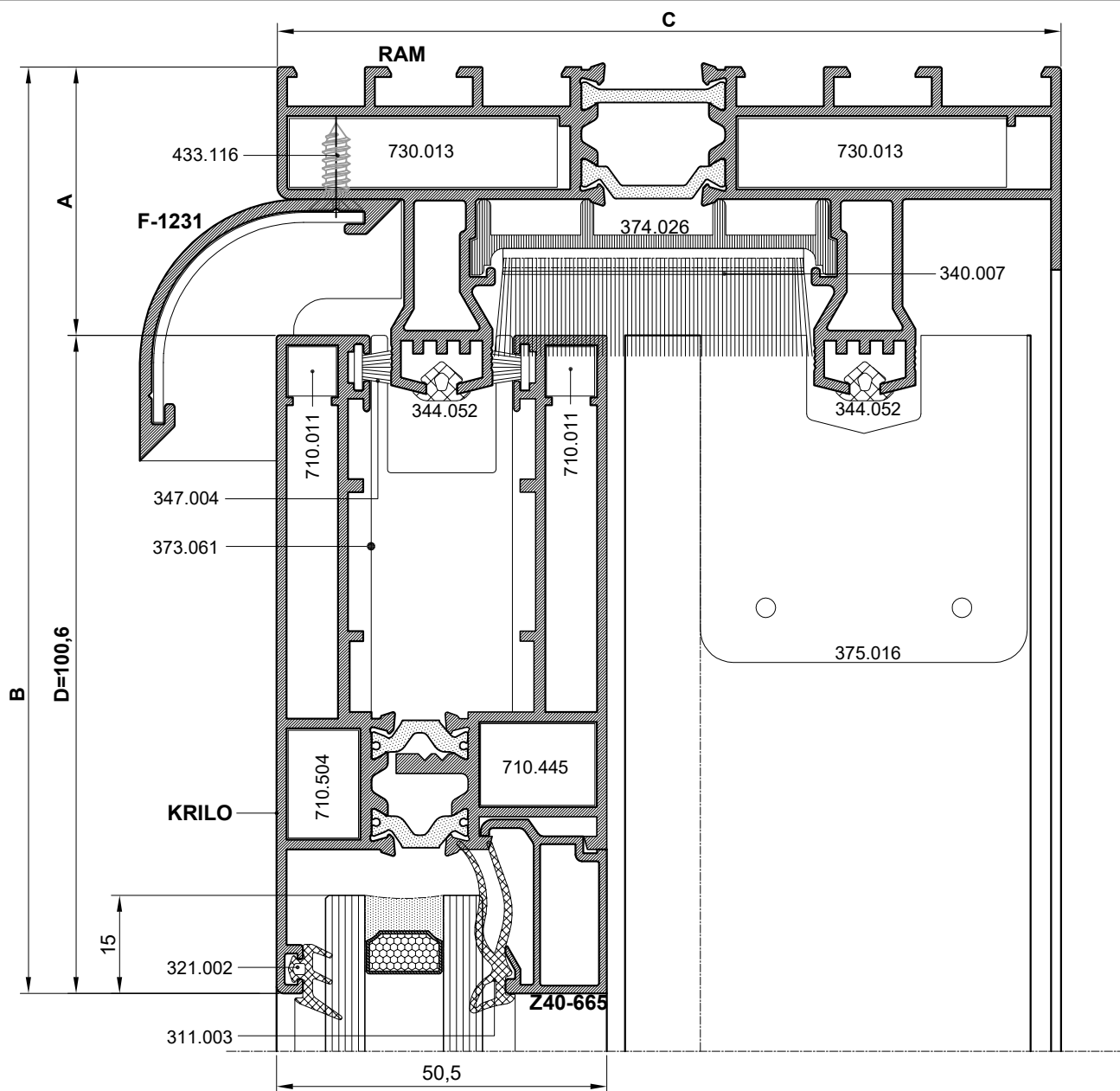




Opis	Oznaka	C (mm)	Kutne spojnice	PVC profili
Ram	dvije staze	FT-0701	120	730.013
	tri staze	FT-0702	185	730.013
	dvije staze+umetak	FT-0703+F-0919	120	730.013
	tri staze+umetak	FT-0704+F-0919	185	730.013

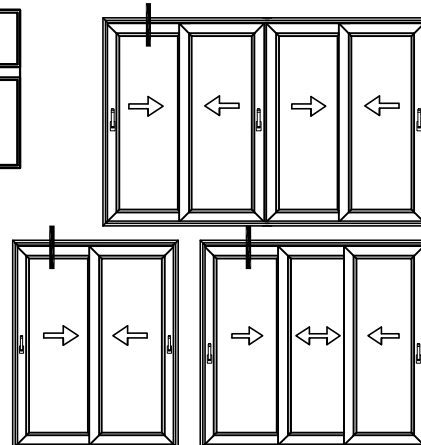
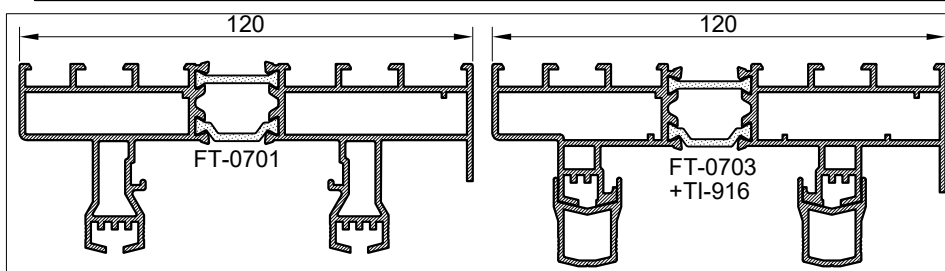
Opis	Oznaka	Okov (kotači)	A (mm)	B (mm)	D (mm)	PVC podmetači	Vodilica za kotače	Kutne spojnice
Krilo	FT-0711	149.040 Hautau	43	123	80	374.096	F-1112	710.519 710.520 710.011 731.010 730.017

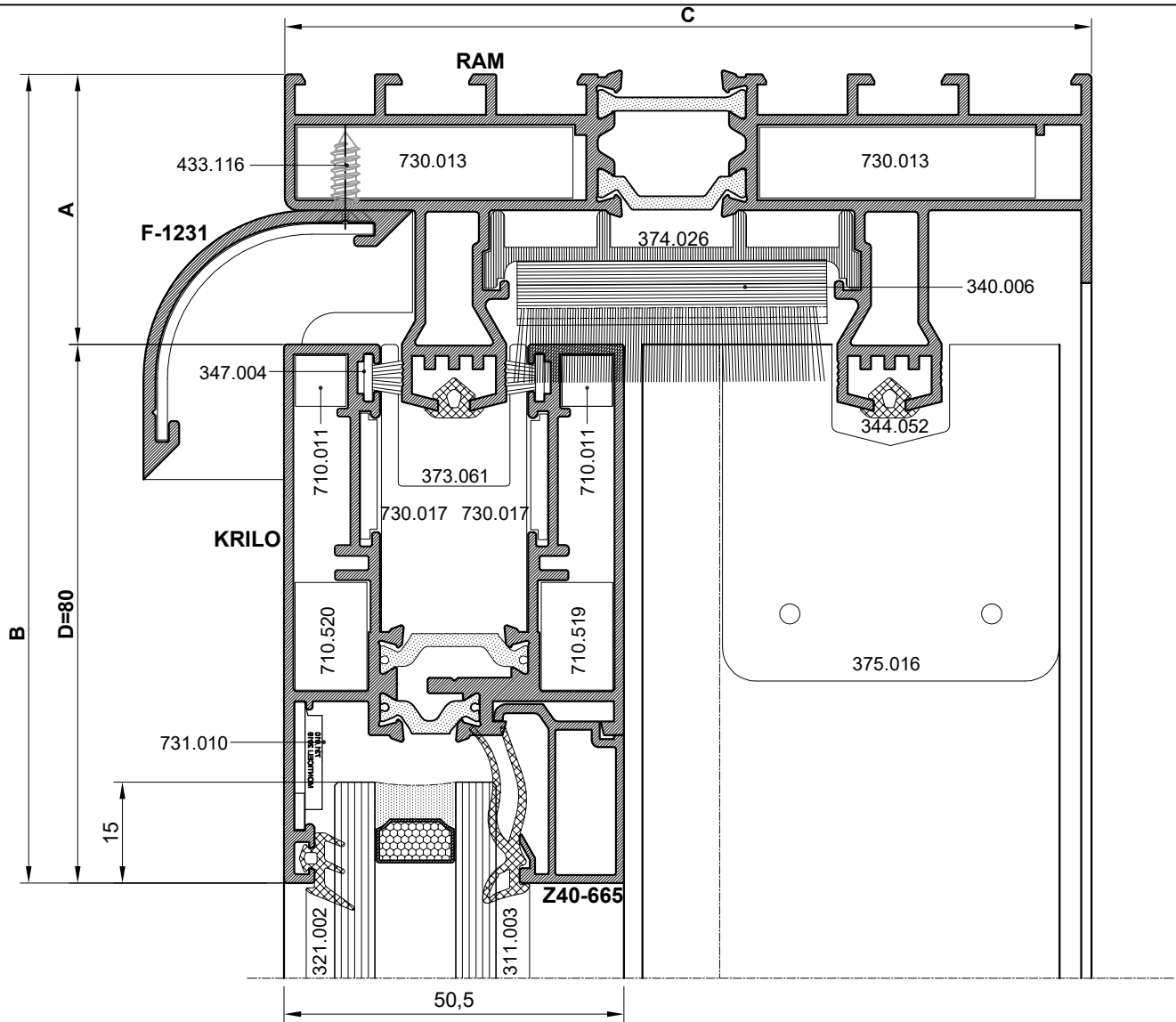




Opis		Oznaka	A (mm)	B (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	41.5	142.1	120	730.013	374.026	
	tri staze	FT-0702	41.5	142.1	185	730.013	374.026	
	dvije staze+umetak	FT-0703 + TI-916	43.5	144.1	120	730.013	374.026	
	tri staze+umetak	FT-0704 + TI-916	43.5	144.1	185	730.013	374.026	

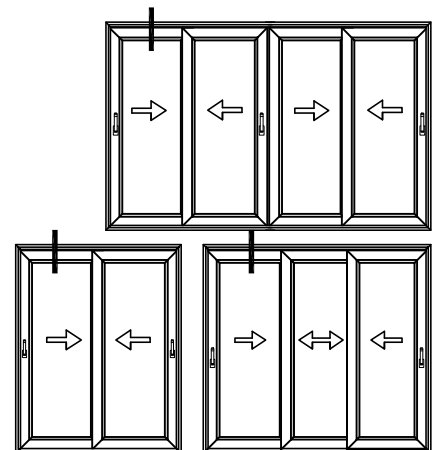
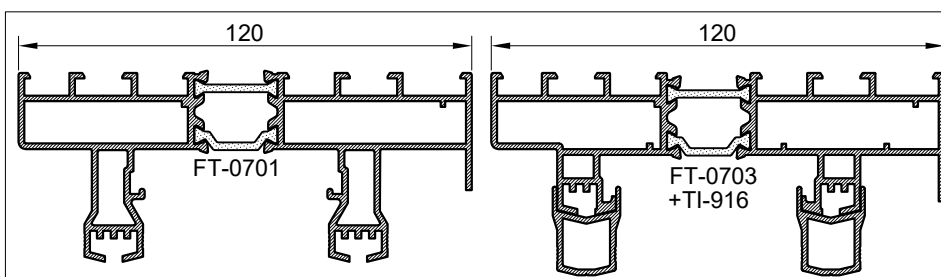
Opis	Oznaka	D (mm)	Kutne spojnice	Okov
Krilo	FT-0710	100.6	710.504 710.445 710.011	Notter Hautau

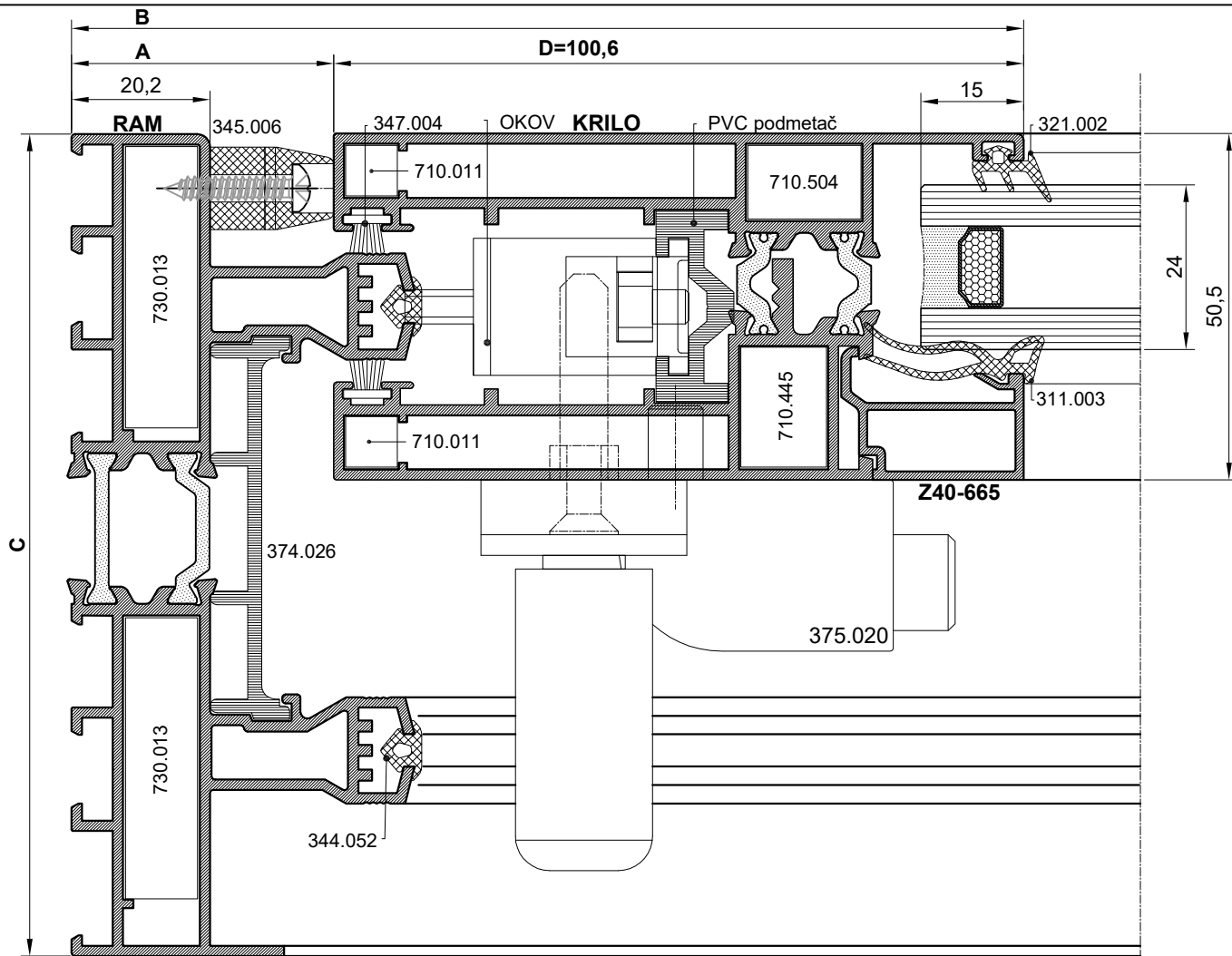




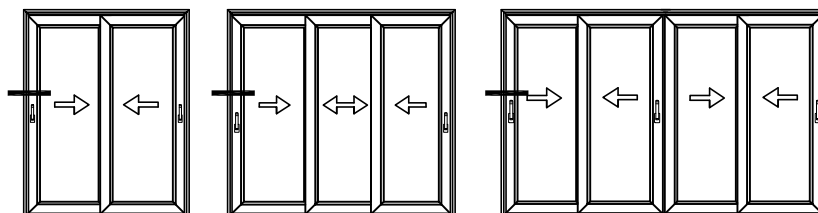
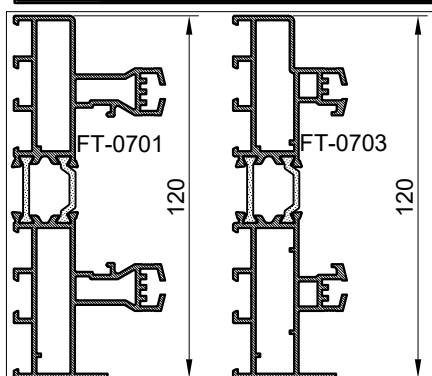
Opis		Oznaka	A (mm)	B (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	41	141.6	120	730.013	374.026	
	tri staze	FT-0702	41	141.6	185	730.013	374.026	
	dvije staze+umetak	FT-0703 + TI-916	43.5	144.1	120	730.013	374.026	
	tri staze+umetak	FT-0704 + TI-916	43.5	144.1	185	730.013	374.026	

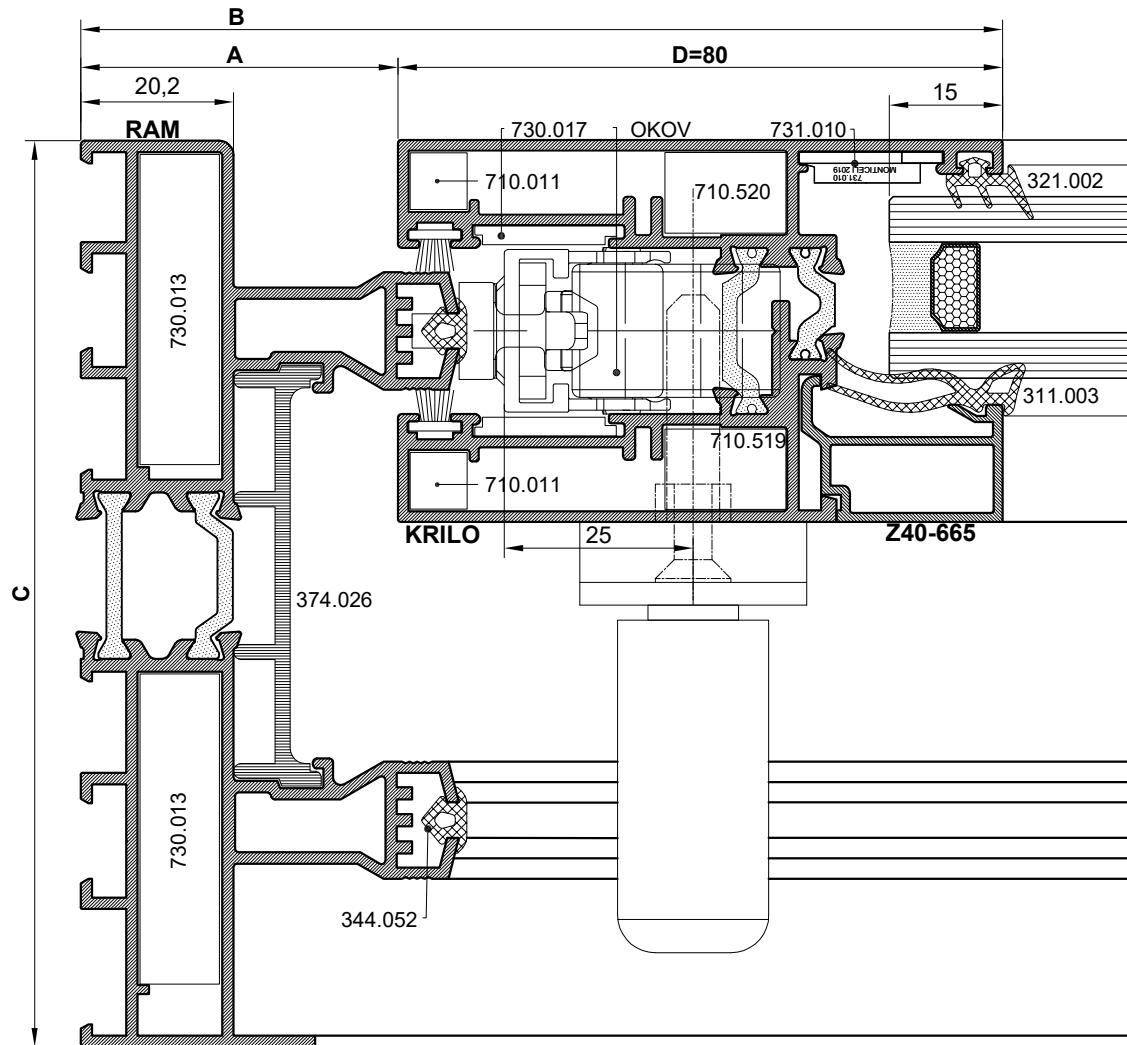
Opis	Oznaka	Okov	D (mm)	Kutne spojnice
Krilo	FT-0711	Hautau	80	710.520 710.519 710.011 731.010 730.017





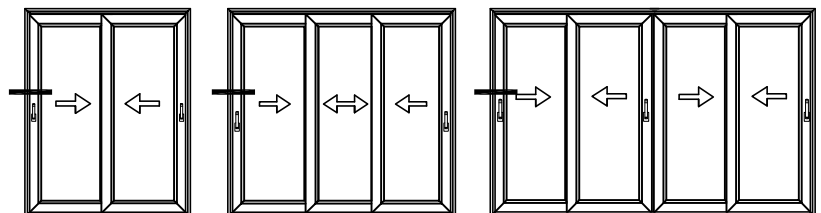
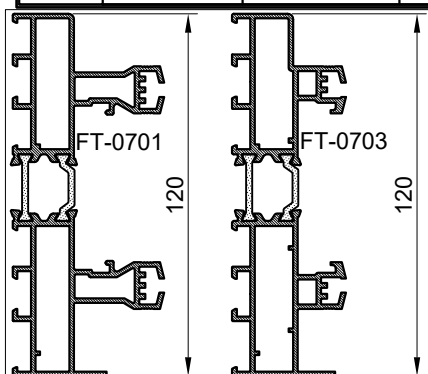
Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	38.2/Notter 133.006	138.8	100.6	120	730.013	374.026	
			42.5/Hautau149.040	143.1	100.6				
	tri staze	FT-0702	38.2/Notter 133.006	138.8	100.6	185	730.013	374.026	
			42.5/Hautau149.040	143.1	100.6				
	dvije staze	FT-0703	30.2/Notter 133.006	130.8	100.6	120	730.013	374.026	
			30 /Hautau149.040	130.6	100.6				
	tri staze	FT-0704	30.2/Notter 133.006	130.8	100.6	185	730.013	374.026	
			30 /Hautau149.040	130.6	100.6				
Opis	Oznaka	Okov	Kutne spojnice	D (mm)	PVC podmetač				
Krilo	FT-0710	Notter	710.504	100.6	374.027				
		Hautau	710.445		374.028				
			710.011						



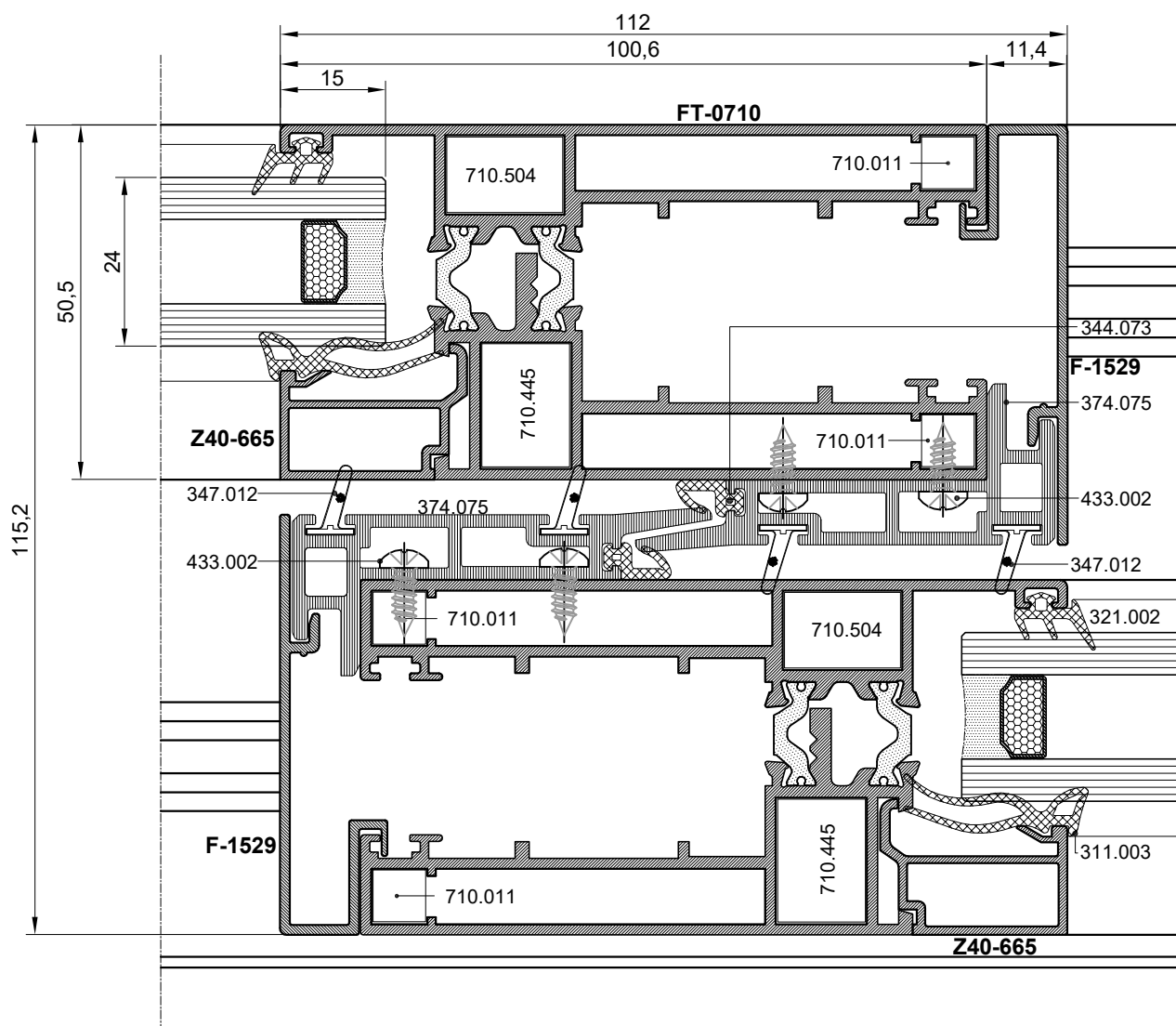


Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	42.5/Hautau149.040	122.5	80	120	730.013	374.026	
	tri staze	FT-0702	42.5/Hautau149.040	122.5	80	185	730.013	374.026	
	dvije staze	FT-0703	30 /Hautau149.040	110	80	120	730.013	374.026	
	tri staze	FT-0704	30 /Hautau149.040	110	80	185	730.013	374.026	

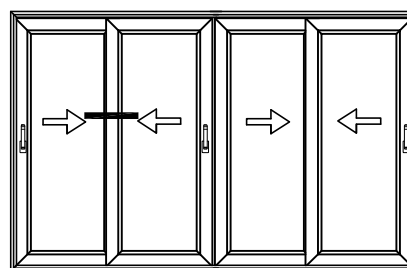
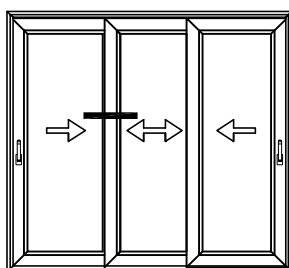
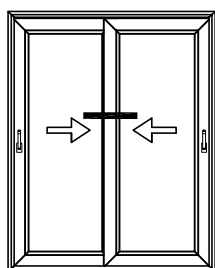
Opis	Oznaka	Okov	D (mm)	Kutne spojnice
Krilo	FT-0710	Hautau	80	710.519 710.520 710.011 731.010 730.017

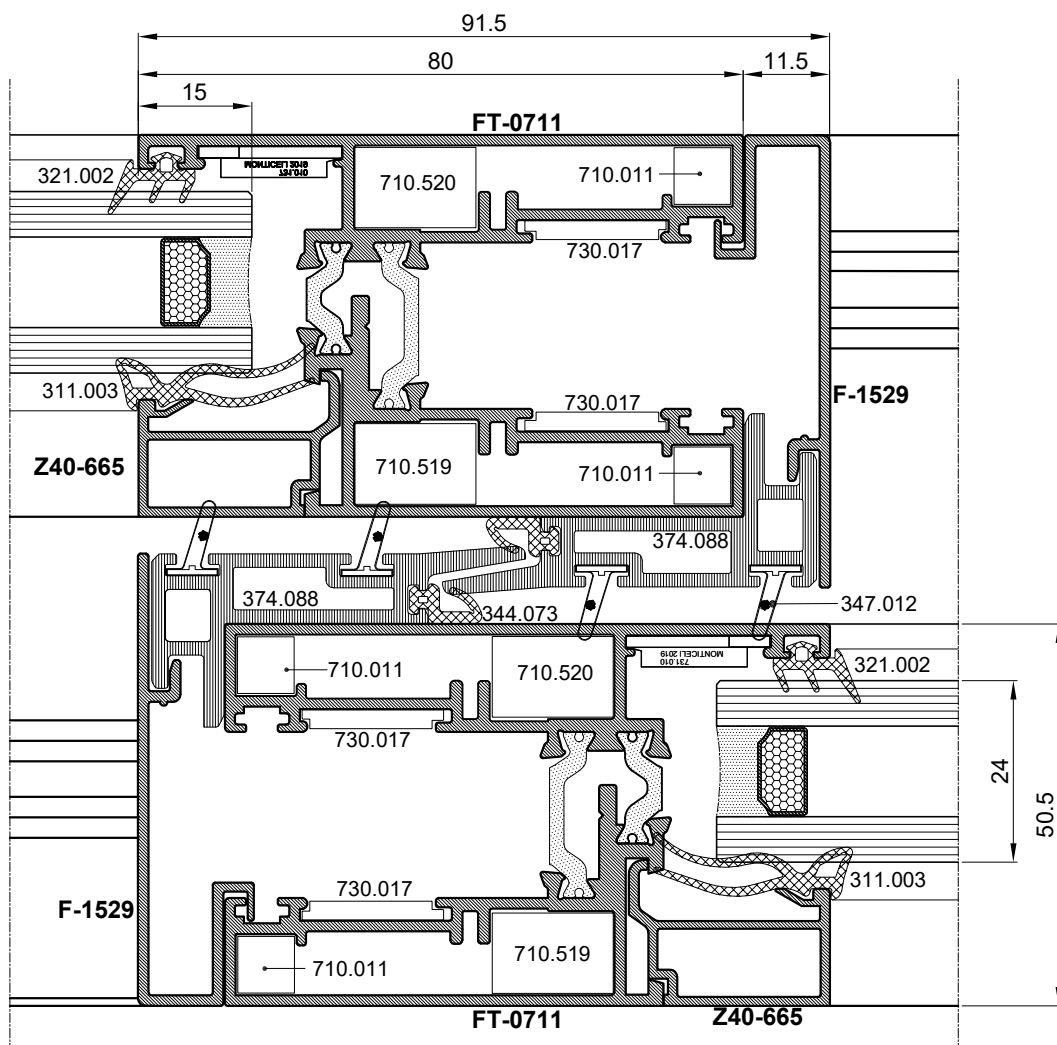




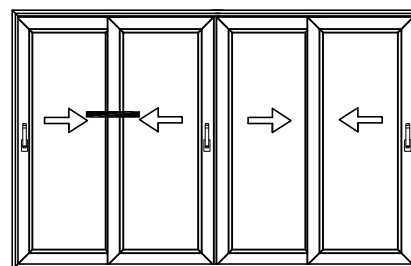
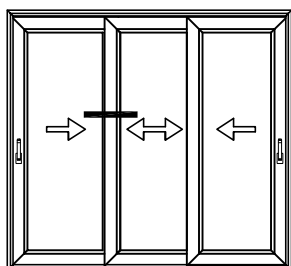
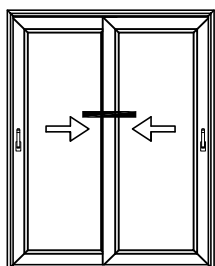


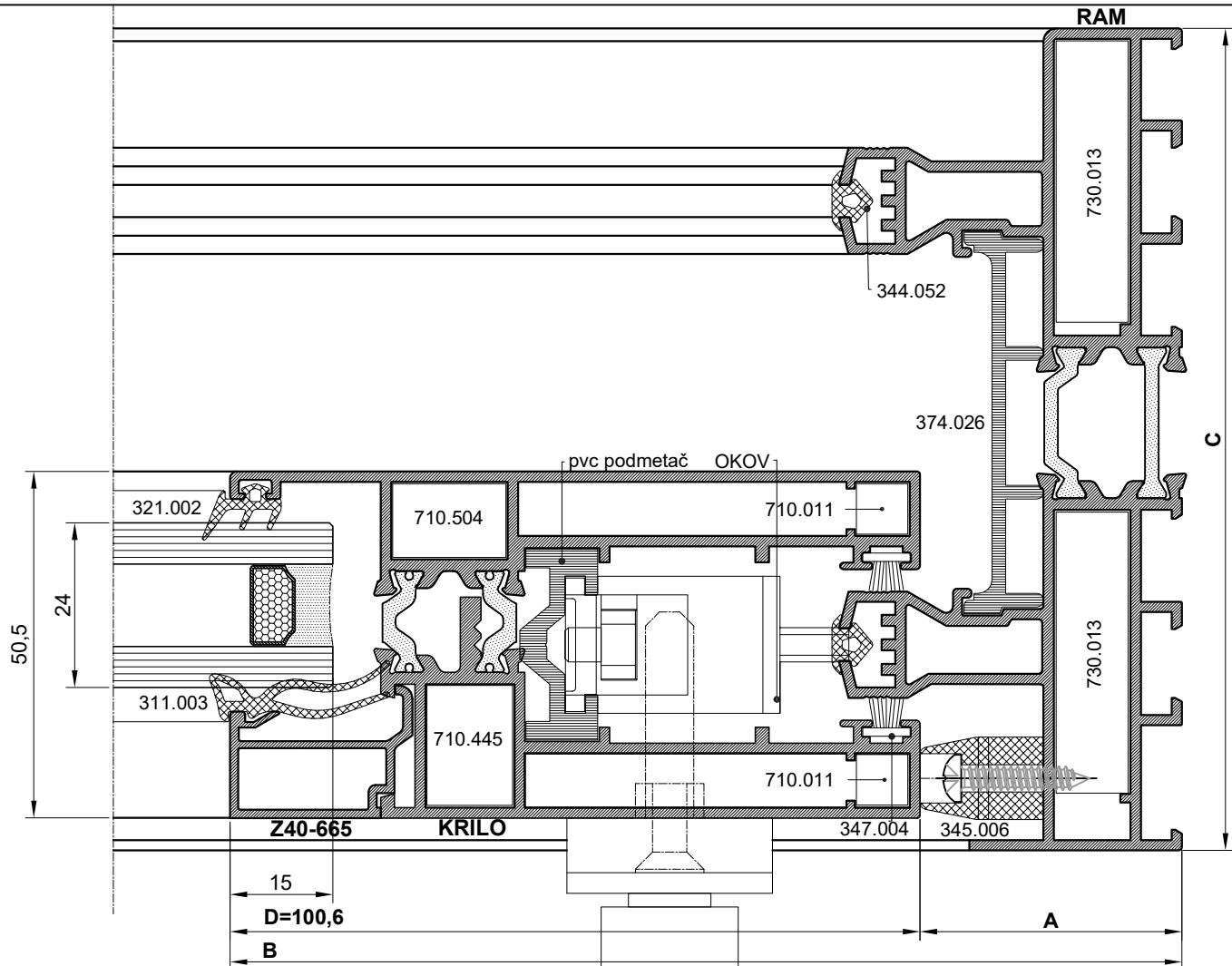
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva	Kutne spojnice	
Krilo	FT-0710	F-1529	374.075	344.073	347.003	710.504 710.445 710.011	





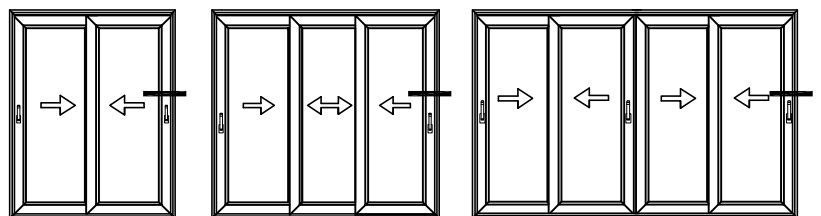
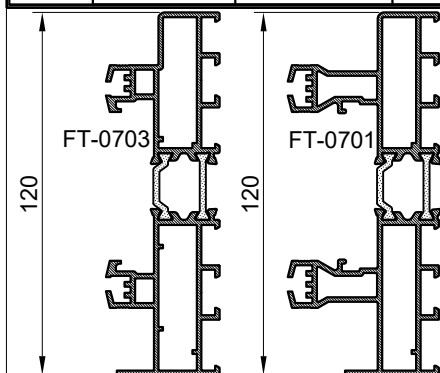
Opis	Oznaka	Maska	Pvc profil	Brtva	Cetkasta brtva	Kutne spojnice	
Krilo	FT-0711	F-1529	374.088	344.073	347.003	710.519 710.520 710.011 731.010 730.017	

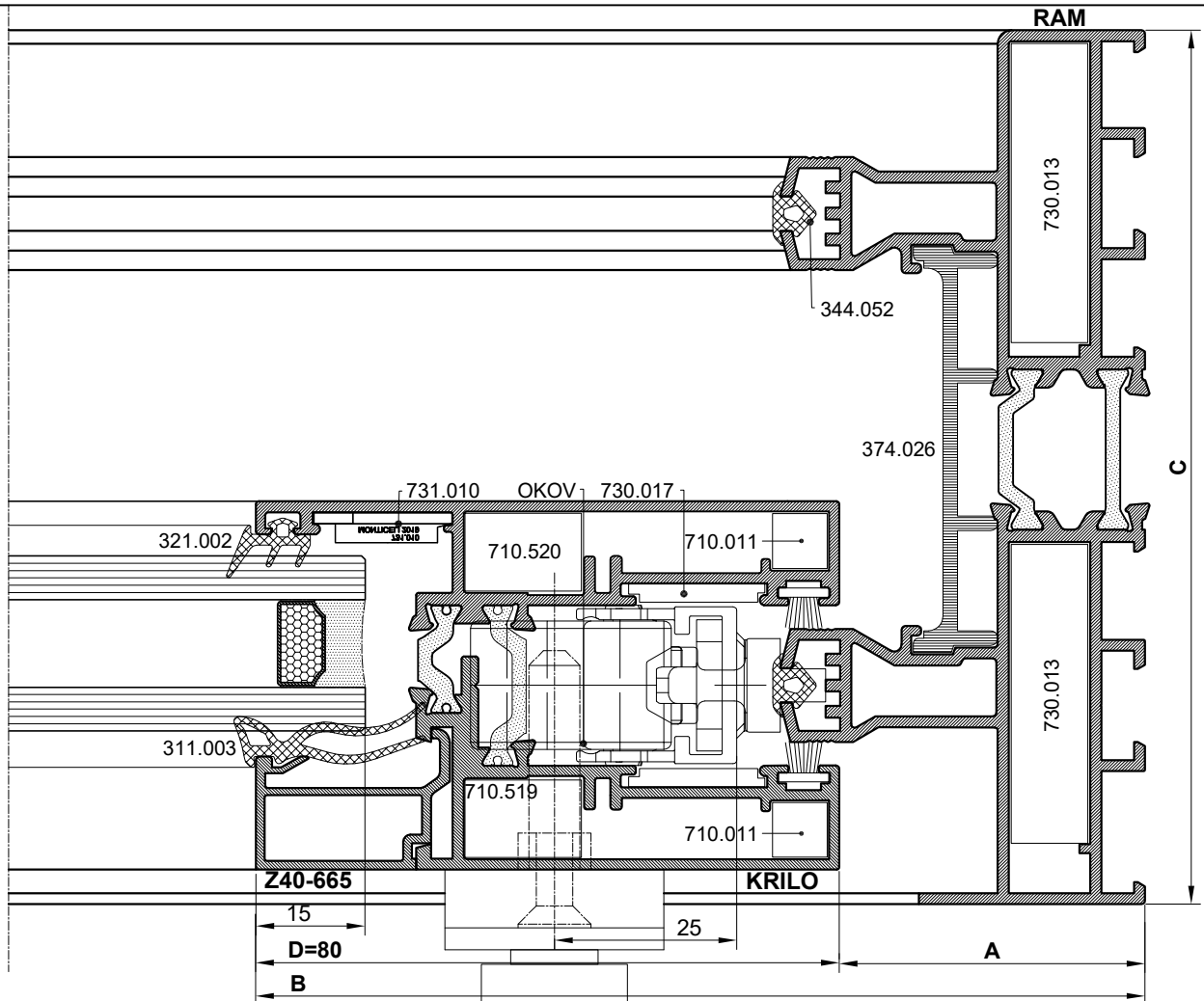




Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	38.2/Notter 133.006	138.8	100.6	120	730.013	374.026	
			42.5/Hautau149.040	143.1	100.6				
	tri staze	FT-0702	38.2/Notter 133.006	138.8	100.6	185	730.013	374.026	
			42.5/Hautau149.040	143.1	100.6				
	dvije staze	FT-0703	30.2/Notter 133.006	130.8	100.6	120	730.013	374.026	
			30 /Hautau149.040	130.6	100.6				
	tri staze	FT-0704	30.2/Notter 133.006	130.8	100.6	185	730.013	374.026	
			30 /Hautau149.040	130.6	100.6				

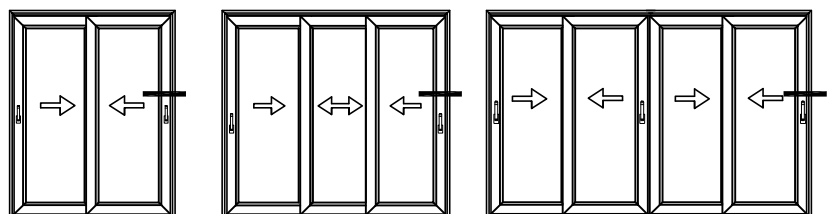
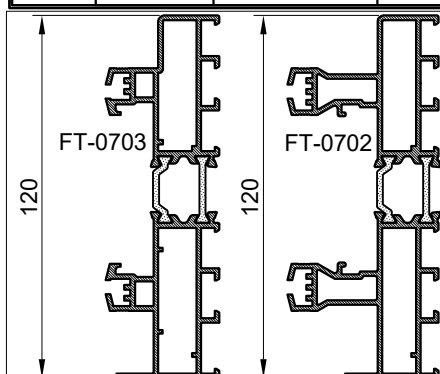
Opis	Oznaka	Okov	Kutne spojnice	D (mm)	PVC podmetač
Krilo	FT-0710	Notter	710.504	100.6	374.027
		Hautau	710.445		374.028
			710.011		



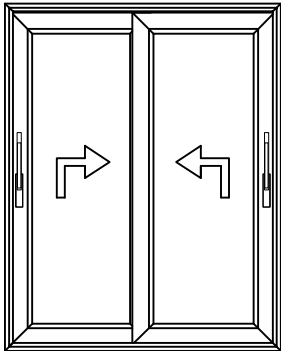


Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	42.5/Hautau149.040	122.5	80	120	730.013	374.026	
	tri staze	FT-0702	42.5/Hautau149.040	122.5	80	185	730.013	374.026	
	dvije staze	FT-0703	30 /Hautau149.040	110	80	120	730.013	374.026	
	tri staze	FT-0704	30 /Hautau149.040	110	80	185	730.013	374.026	

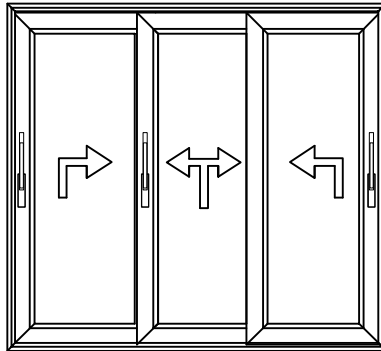
Opis	Oznaka	Okov	D (mm)	Kutne spojnice
Krilo	FT-0711	Hautau	80	710.520 710.519 710.011 731.010 730.017



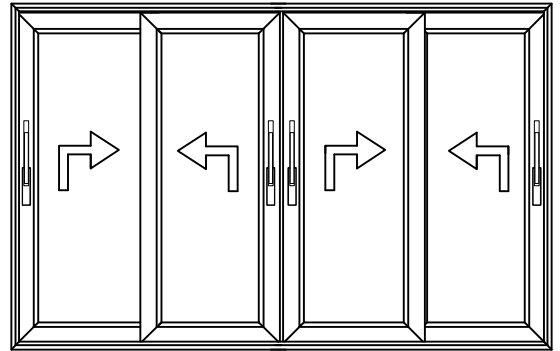
DVOKRILNO PODIZNO KLIZNO



TROKRILNO PODIZNO KLIZNO



ČETVEROKRILNO PODIZNO KLIZNO



**Podizno klizni sistem:**

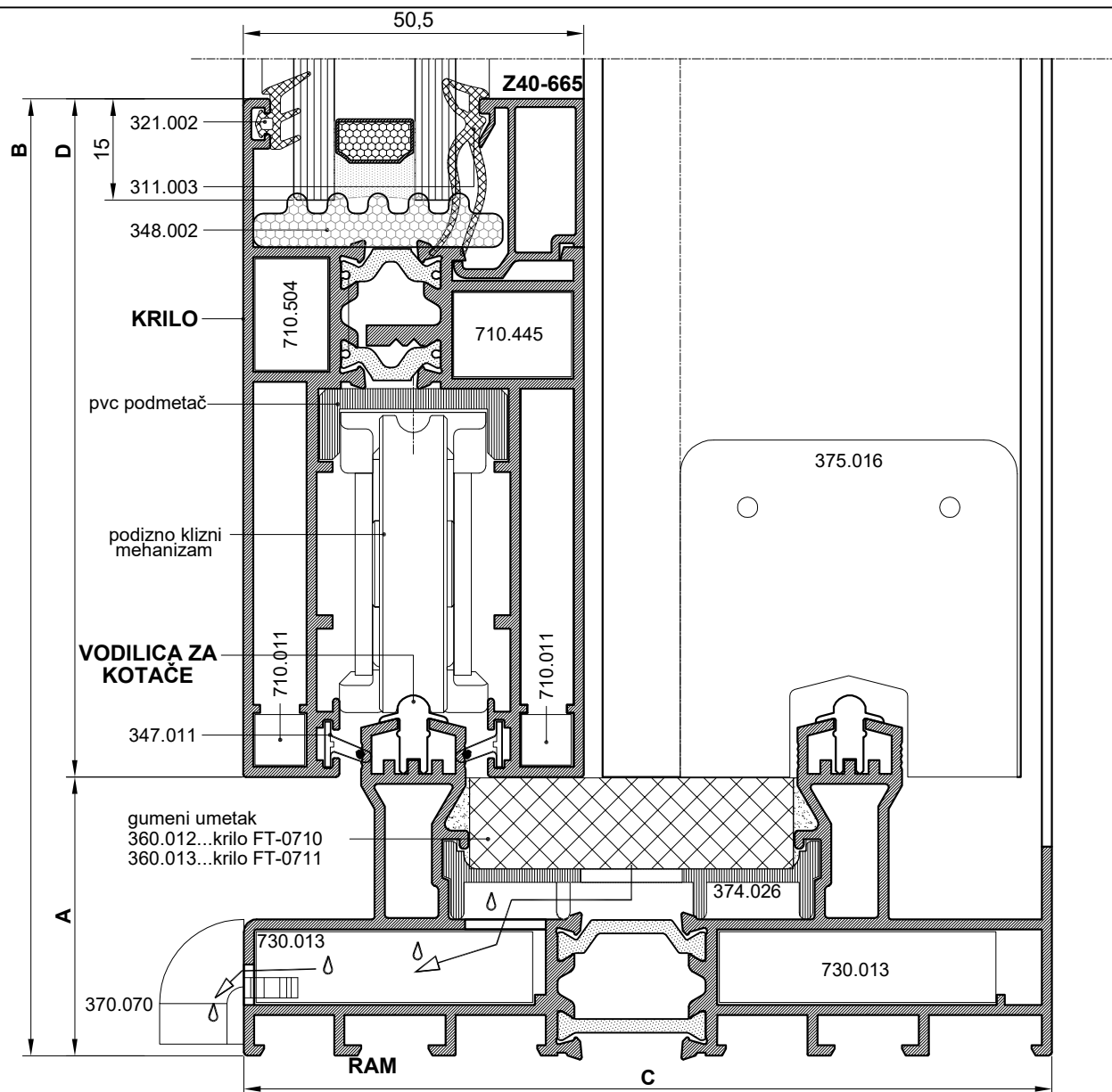
**RAM:** - dvije staze (FT-0701 ili FT-0702)  
 - tri staze (FT-0702 ili FT-0704)

**KRILO:** - FT-0710 .....okov Hautau  
 - FT-0711 .....okov Hautau

**STAKLO:** - dvoslojno.....debljina 10-37 mm

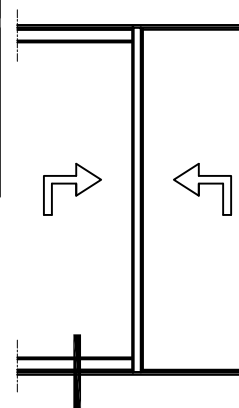
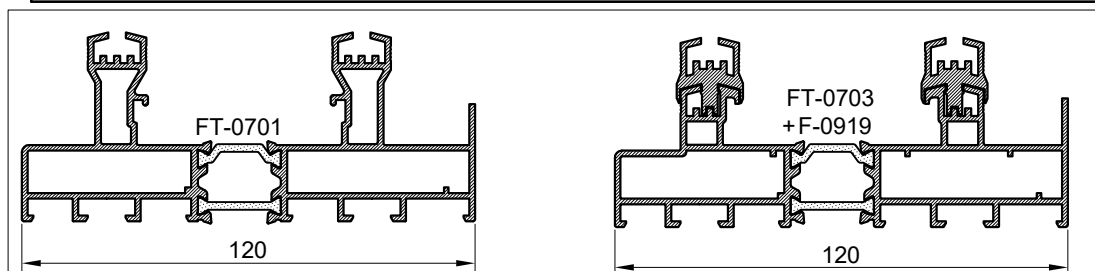
- MOGUĆNOST UGRADNJE NADSVJETLA I PREČKE U KRILU

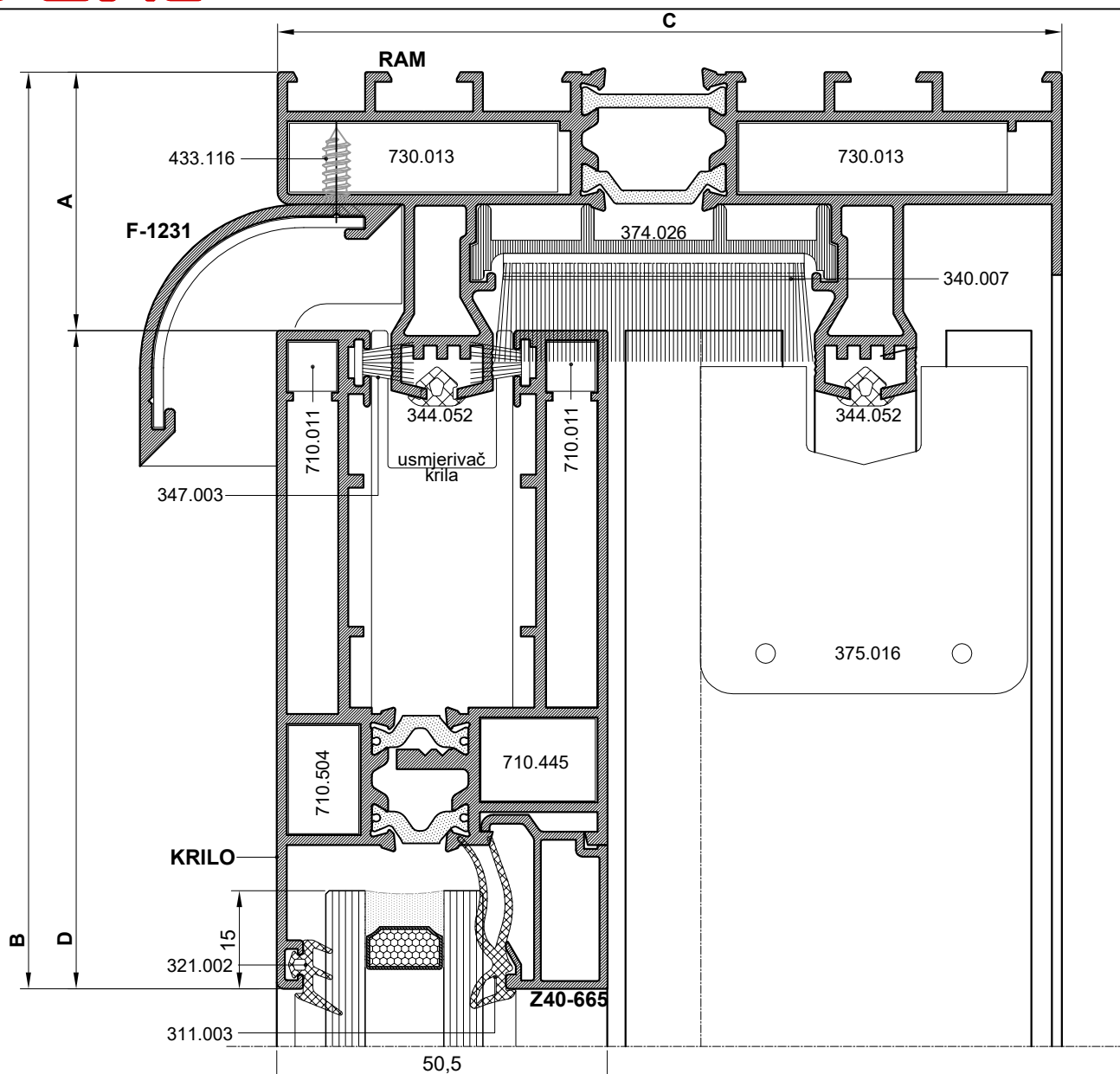




Opis		Oznaka	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	120	730.013	374.026	
	tri staze	FT-0702	185	730.013	374.026	
	dvije staze+umetak	FT-0703 +F-0919	120	730.013	374.026	
	tri staze+umetak	FT-0704 +F-0919	185	730.013	374.026	

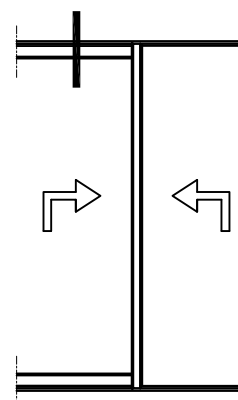
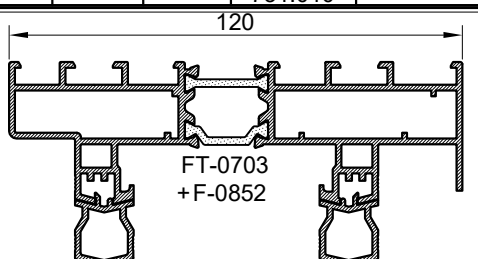
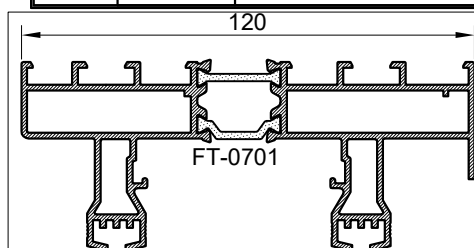
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	PVC podmetači
Kriilo	FT-0710	149.033 Hautau	41.5	142.1	100.6	F-1112	710.504 710.445 710.011	374.042
	FT-0711	149.034 Hautau	43	123	80	F-1112	710.406 710.011 730.017 731.010	374.096



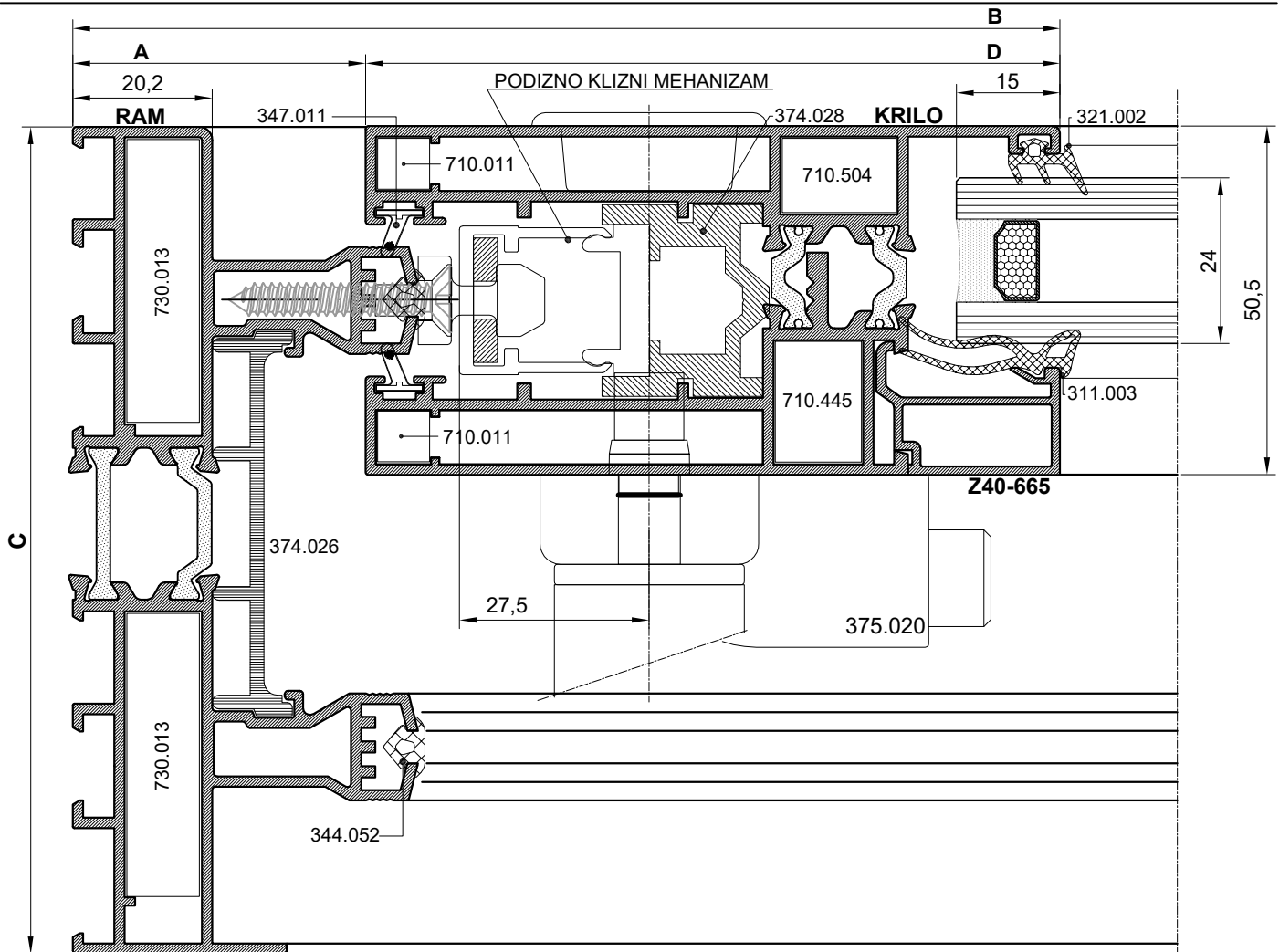


Opis		Oznaka	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	120	730.013	374.026	
	tri staze	FT-0702	185	730.013	374.026	
	dvije staze+umetak	FT-0703+F-0852	120	730.013	374.026	
	tri staze+umetak	FT-0704+F-0852	185	730.013	374.026	

Opis	Oznaka	Okov (kotači)	A (mm)	B (mm)	D (mm)	Kutne spojnice	Usmjerivač krila
<b>Krilo</b>	FT-0710	149.033 Hautau	41.5	142.1	100.6	710.504 710.445 710.011	373.061
	FT-0711	149.034 Hautau	40	120	80	710.406 710.011 730.017 731.010	373.061

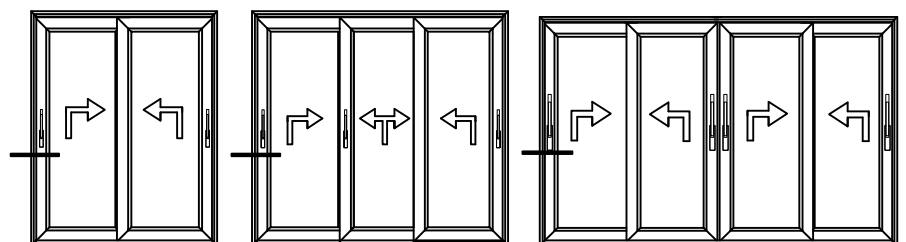
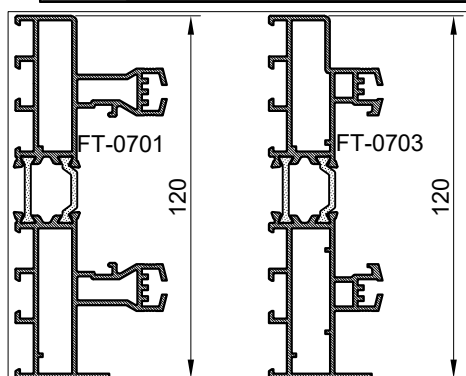


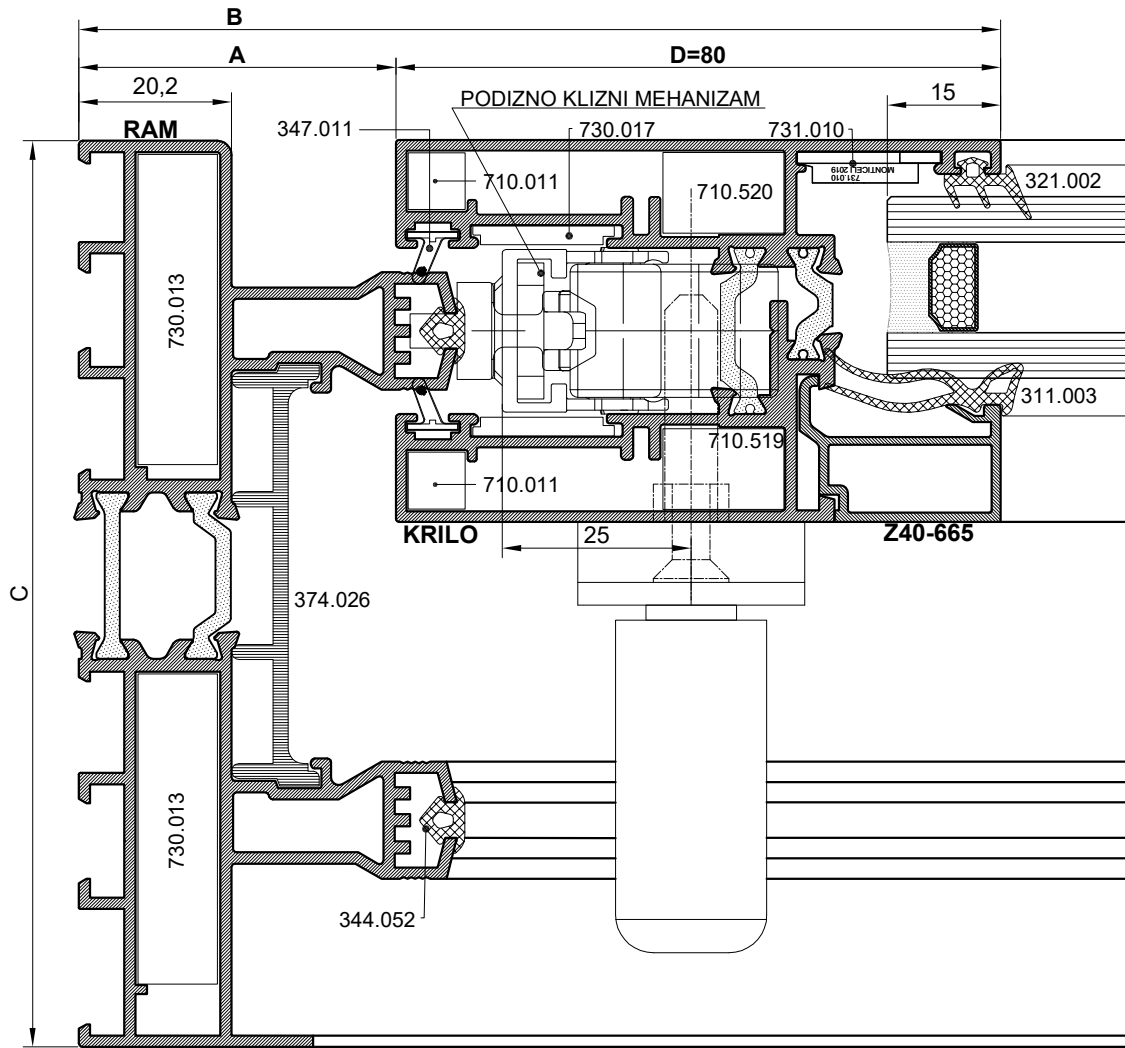




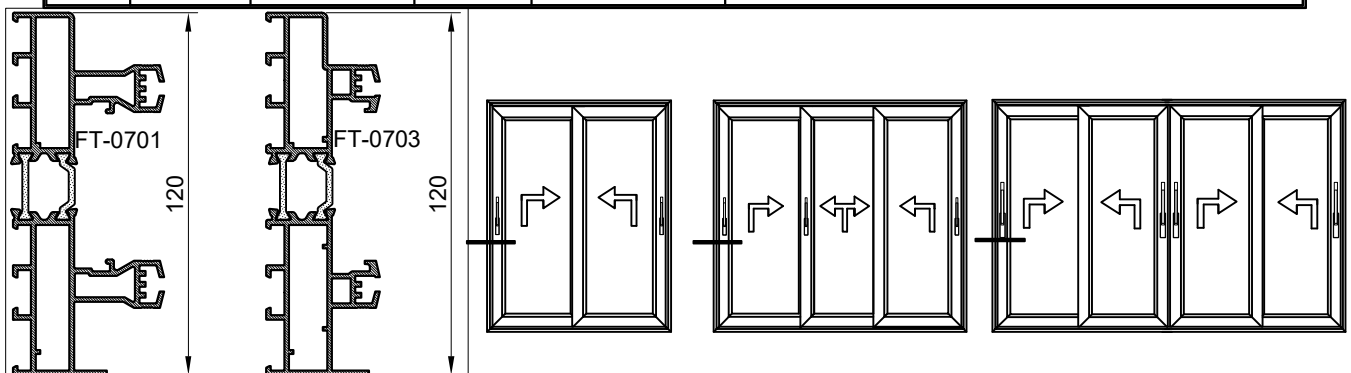
Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili
Ram	dvije staze	FT-0701	42.5/Hautau149.040	143.1	100.6	120	730.013	374.026
	tri staze	FT-0702	42.5/Hautau149.040	143.1	100.6	185	730.013	374.026
	dvije staze	FT-0703	30 /Hautau149.040	130.6	100.6	120	730.013	374.026
	tri staze	FT-0704	30 /Hautau149.040	130.6	100.6	185	730.013	374.026

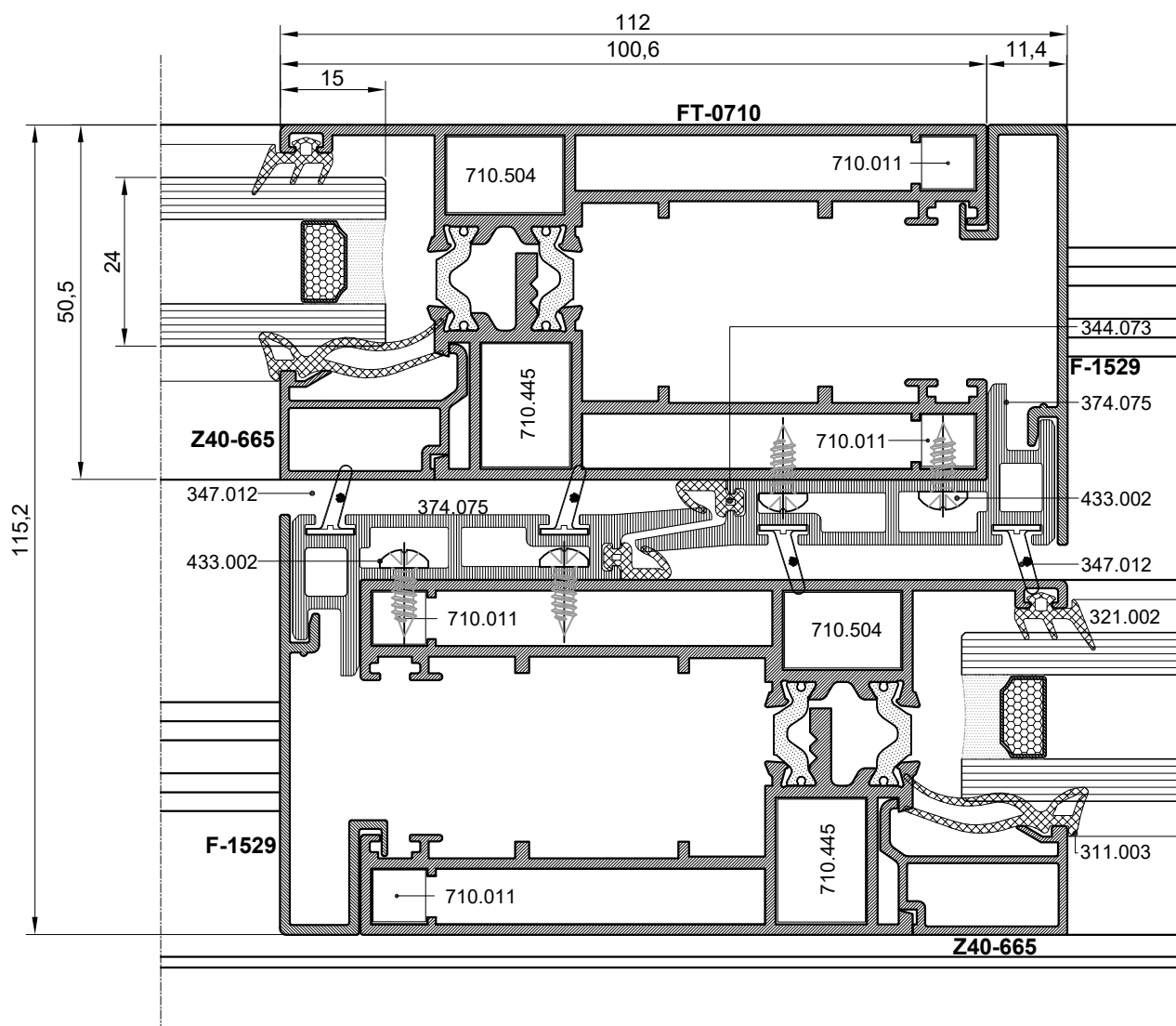
Opis	Oznaka	Okov	Kutne spojnice	D (mm)
Krilo	FT-0710	Hautau	710.504 710.445 710.011	100.6



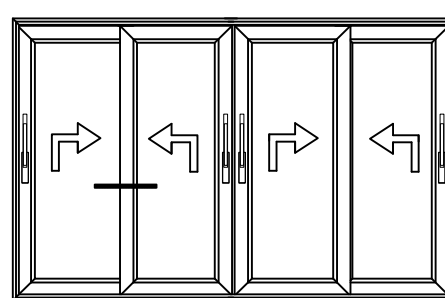
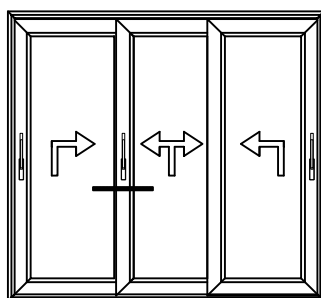
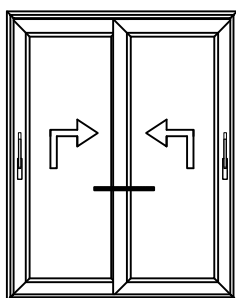


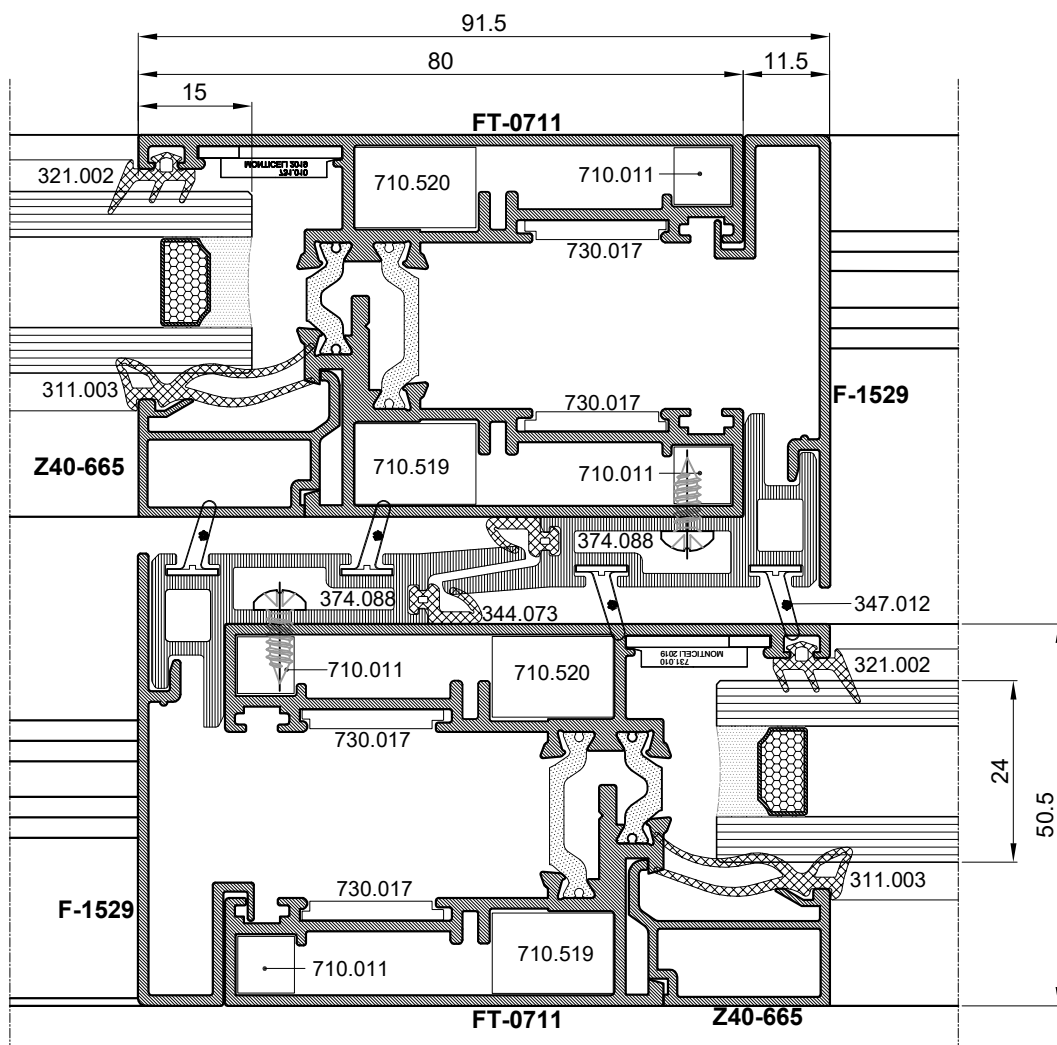
Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0701	42 / Hautau149.034	122	80	120	730.013	374.026	
	tri staze	FT-0702	42 / Hautau149.034	122	80	185	730.013	374.026	
	dvije staze	FT-0703	30 / Hautau149.034	110	80	120	730.013	374.026	
	tri staze	FT-0704	30 / Hautau149.034	110	80	185	730.013	374.026	
Opis	Oznaka	Okov	D (mm)	Kutne spojnice					
Krilo	FT-0710	Hautau	80	710.519 710.011 731.010 730.017	710.520				



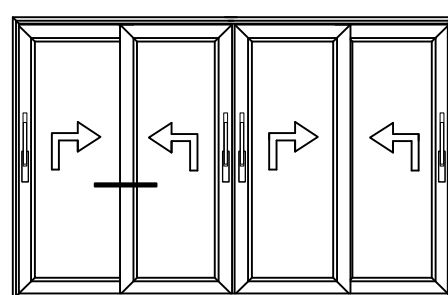
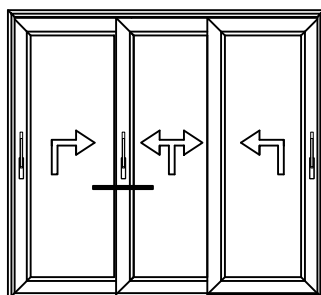
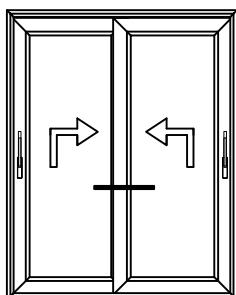


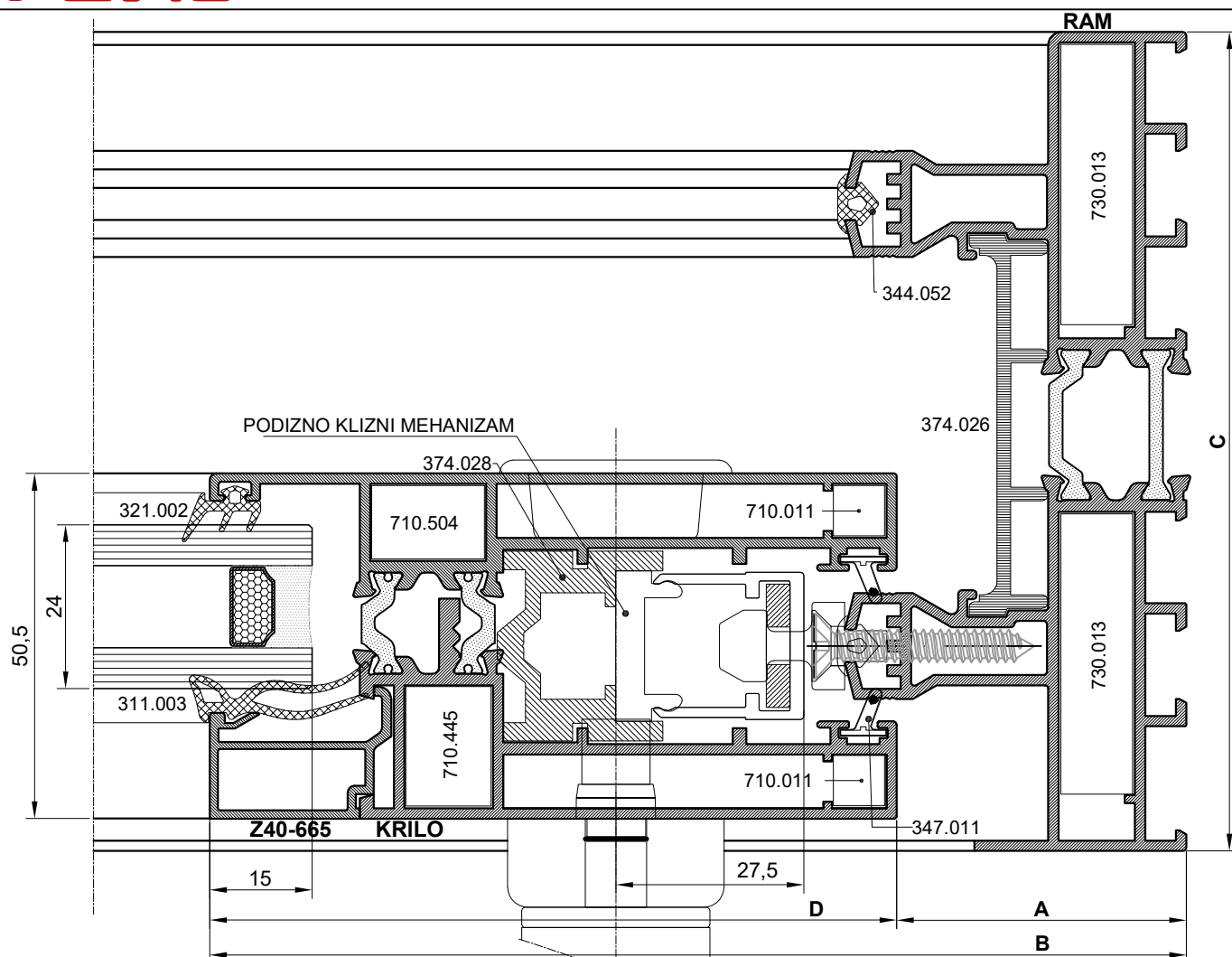
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva	Kutne spojnice	
Krilo	FT-0710	F-1529	374.075	344.073	347.003	710.504 710.445 710.011	





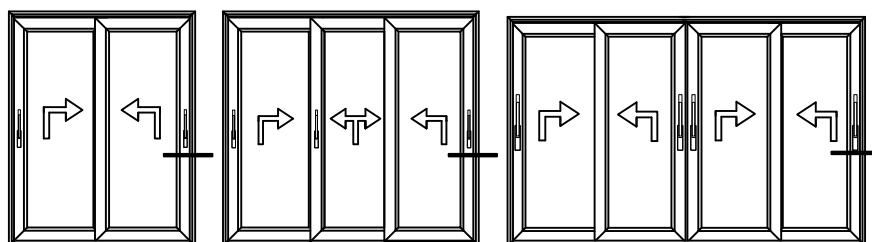
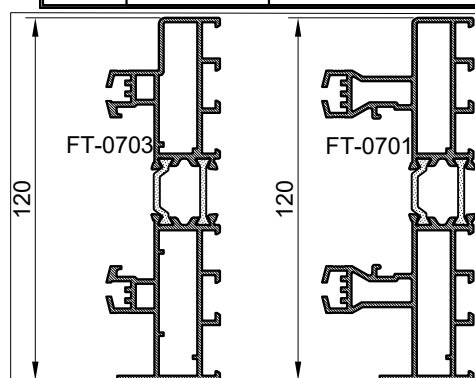
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva	Kutne spojnice	
Krilo	FT-0711	F-1529	374.088	344.073	347.003	710.520 710.519 710.011 731.010 730.017	

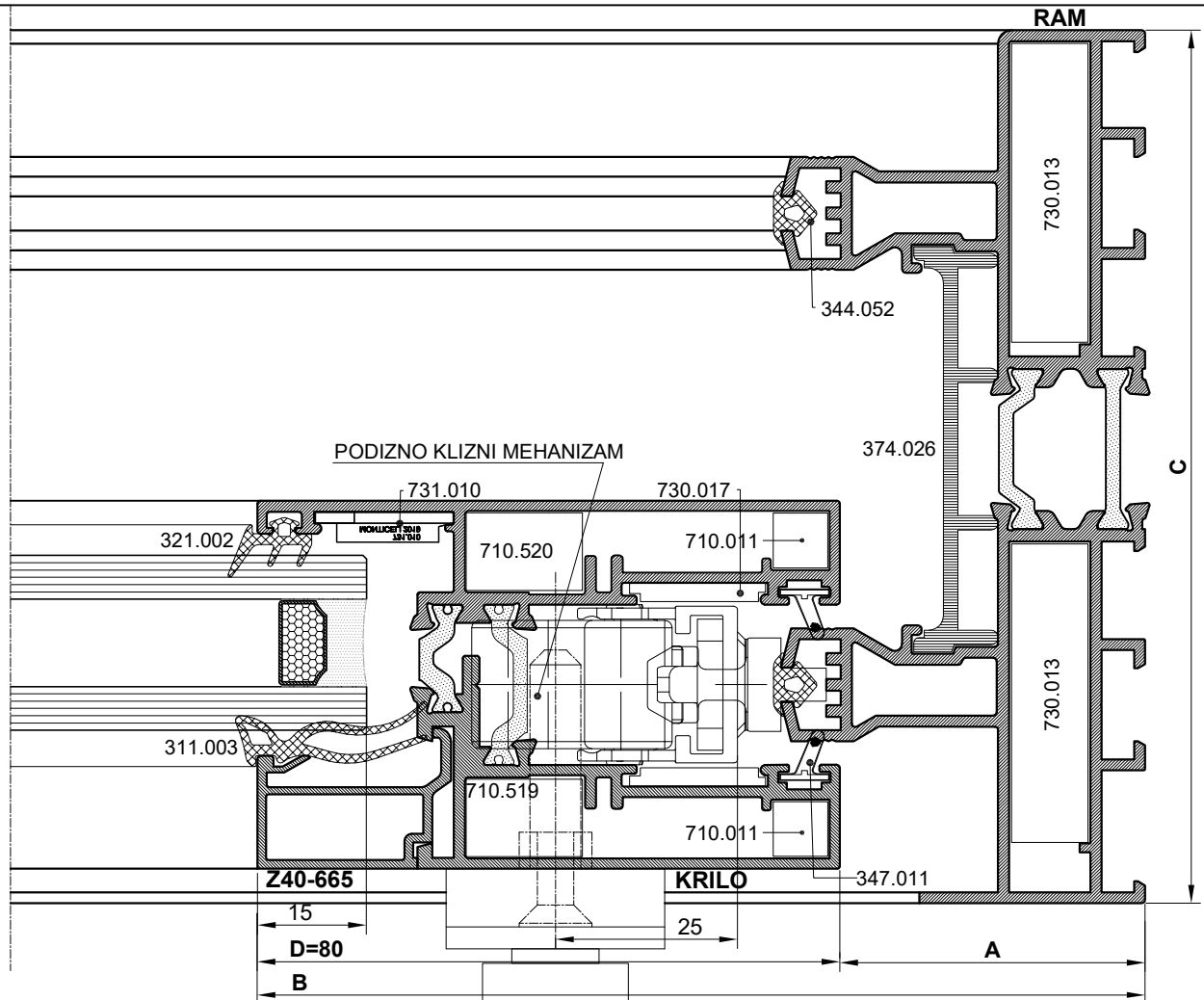




Opis		Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profil
Ram	dvije staze	FT-0701	42.5/Hautau149.040	143.1	100.6	120	730.013	374.026
	tri staze	FT-0702	42.5/Hautau149.040	143.1	100.6	185	730.013	374.026
	dvije staze	FT-0703	30 /Hautau149.040	130.6	100.6	120	730.013	374.026
	tri staze	FT-0704	30 /Hautau149.040	130.6	100.6	185	730.013	374.026

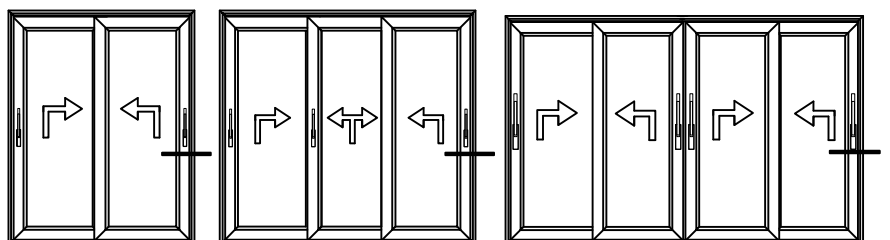
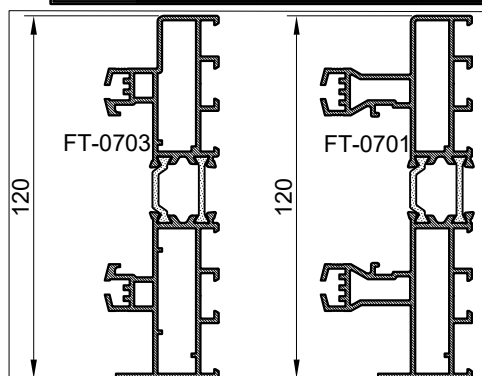
Opis	Oznaka	Okov	Kutne spojnice	D (mm)	
Krilo	FT-0710	Hautau	710.504 710.445 710.011	100.6	



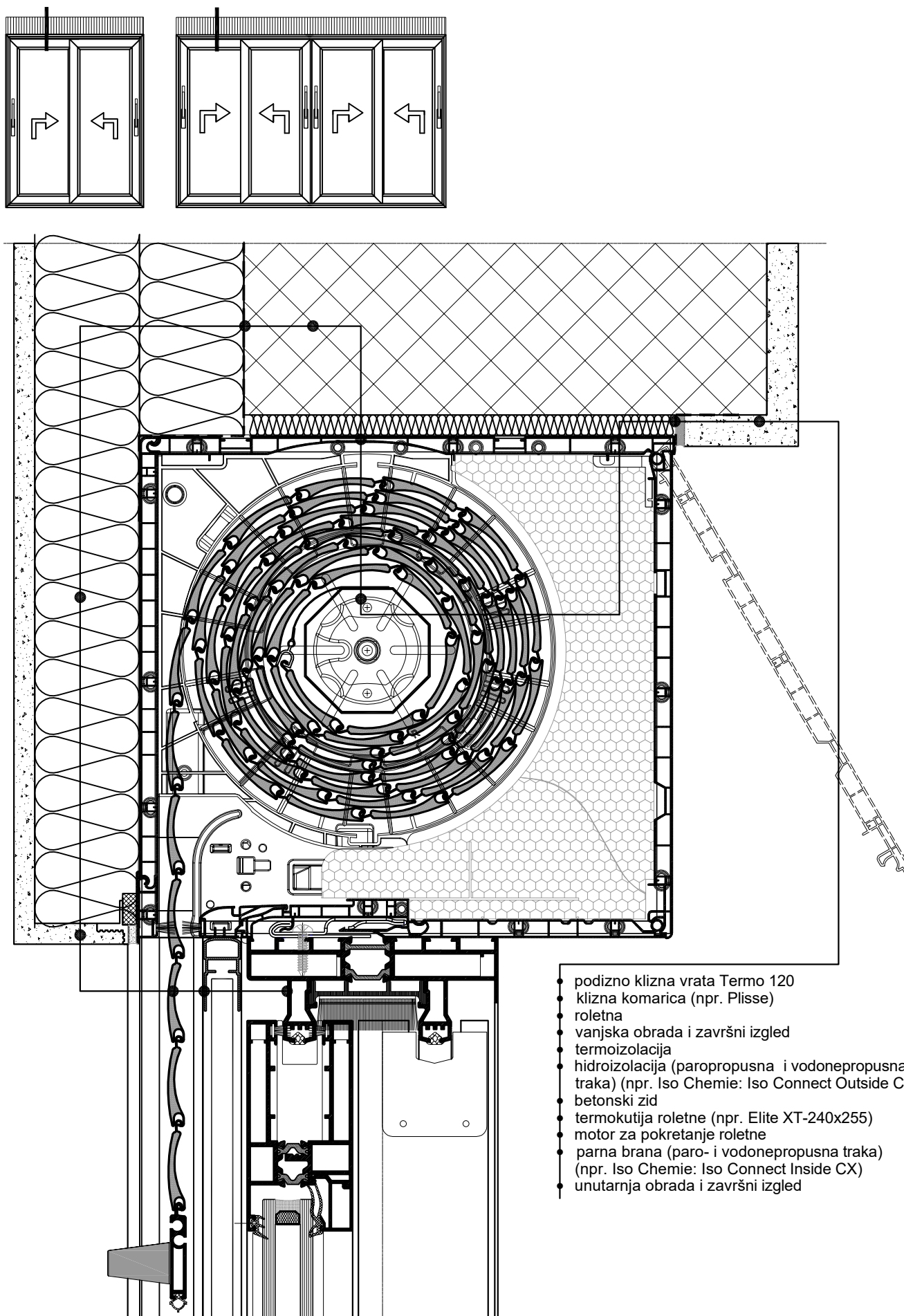


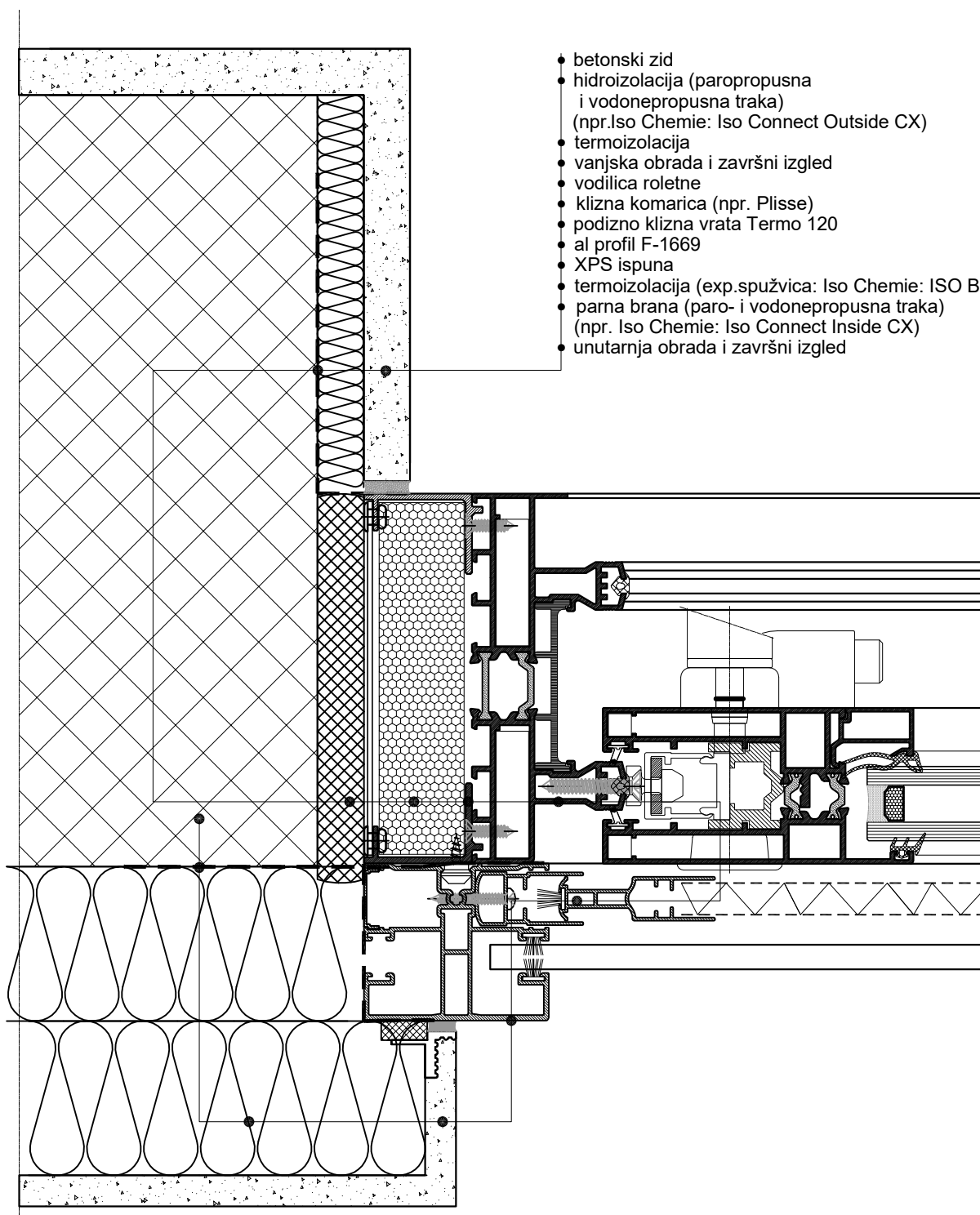
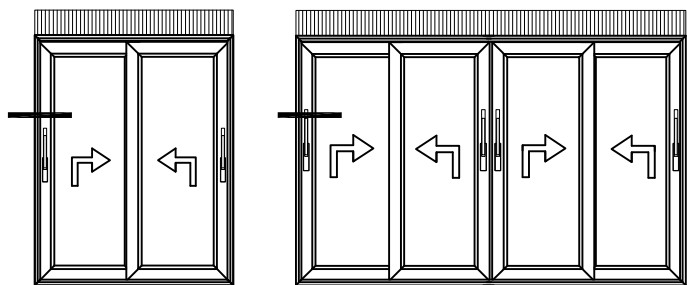
Opis	Oznaka	A (mm)/okov	B (mm)	D (mm)	C (mm)	Kutne spojnice	PVC profili
Ram	dvije staze	FT-0701	42 / Hautau149.034	122	80	120	730.013 374.026
	tri staze	FT-0702	42 / Hautau149.034	122	80	185	730.013 374.026
	dvije staze	FT-0703	30 / Hautau149.034	110	80	120	730.013 374.026
	tri staze	FT-0704	30 / Hautau149.034	110	80	185	730.013 374.026

Opis	Oznaka	Okov	D (mm)	Kutne spojnice
Krilo	FT-0711	Hautau	80	710.520 710.519 710.011 731.010 730.017



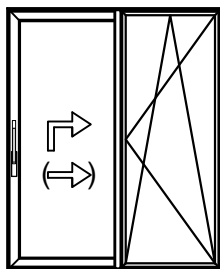
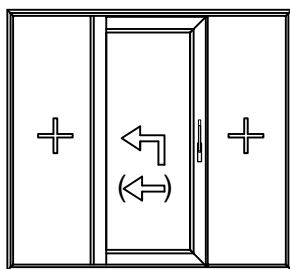
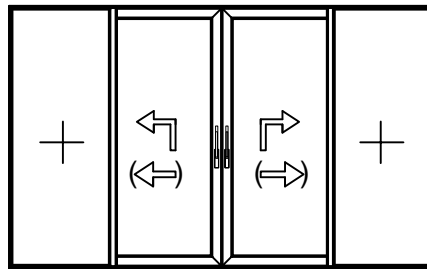
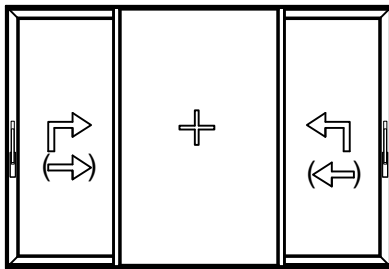
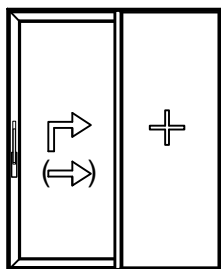






- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- podizno klizna vrata Termo 120
- al profil F-1669
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled





## Klizni sistem:

**RAM:** - ram sa integriranim fiksnim dijelom (FT-0705)

**KRILO:** - FT-0710 .....okov Notter; Hautau  
- FT-0711 .....okov Hautau

**STAKLO:** - dvoslojno.....debljina 10-37 mm

- MOGUĆNOST UGRADNJE NADSVJETLA I PREČKE U RAMU I KRILU

## Podizno klizni sistem:

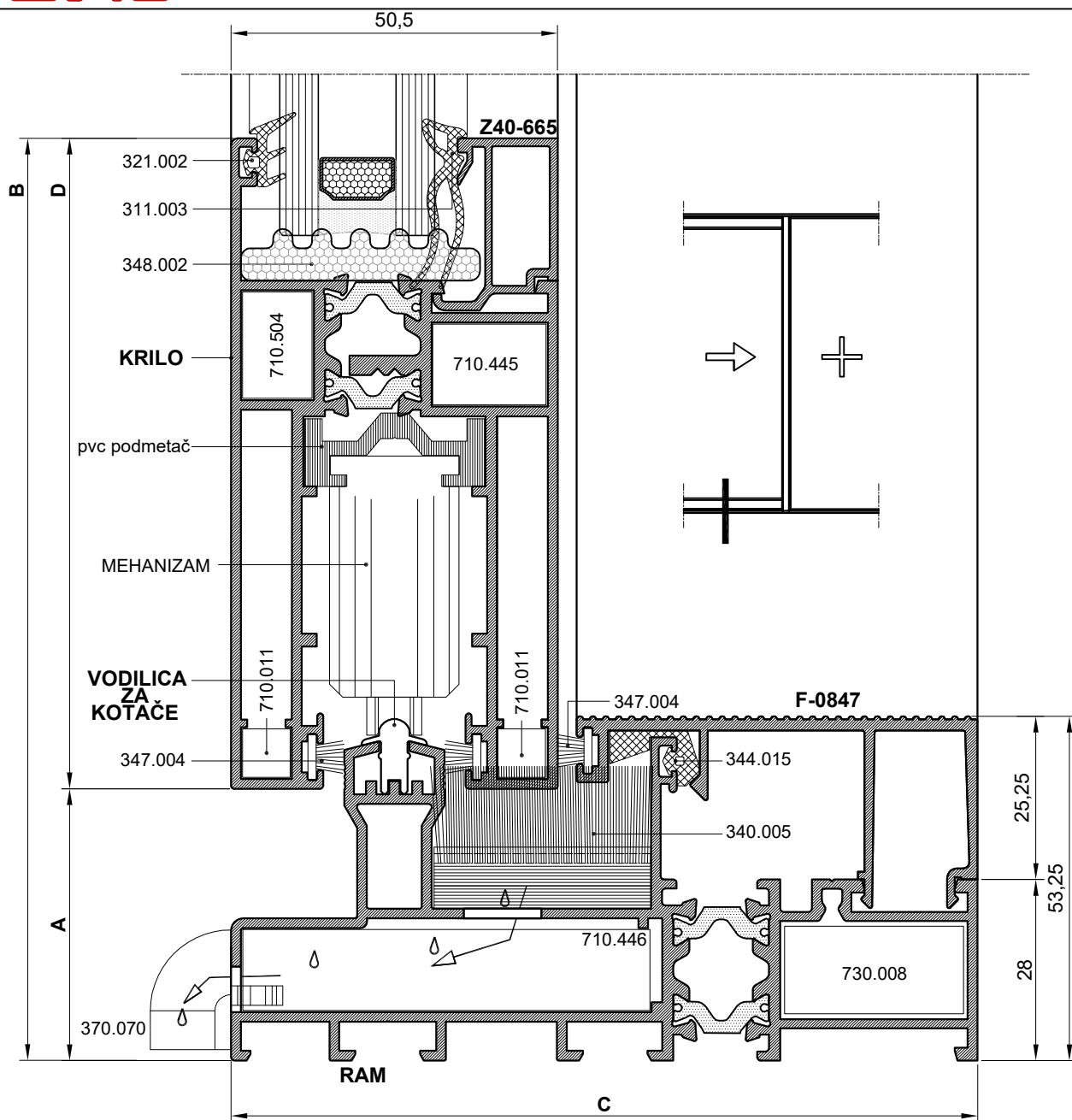
**RAM:** - ram sa integriranim fiksnim dijelom (FT-0705)

**KRILO:** - FT-0710 ..... okov Hautau  
- FT-0711 ..... okov Hautau

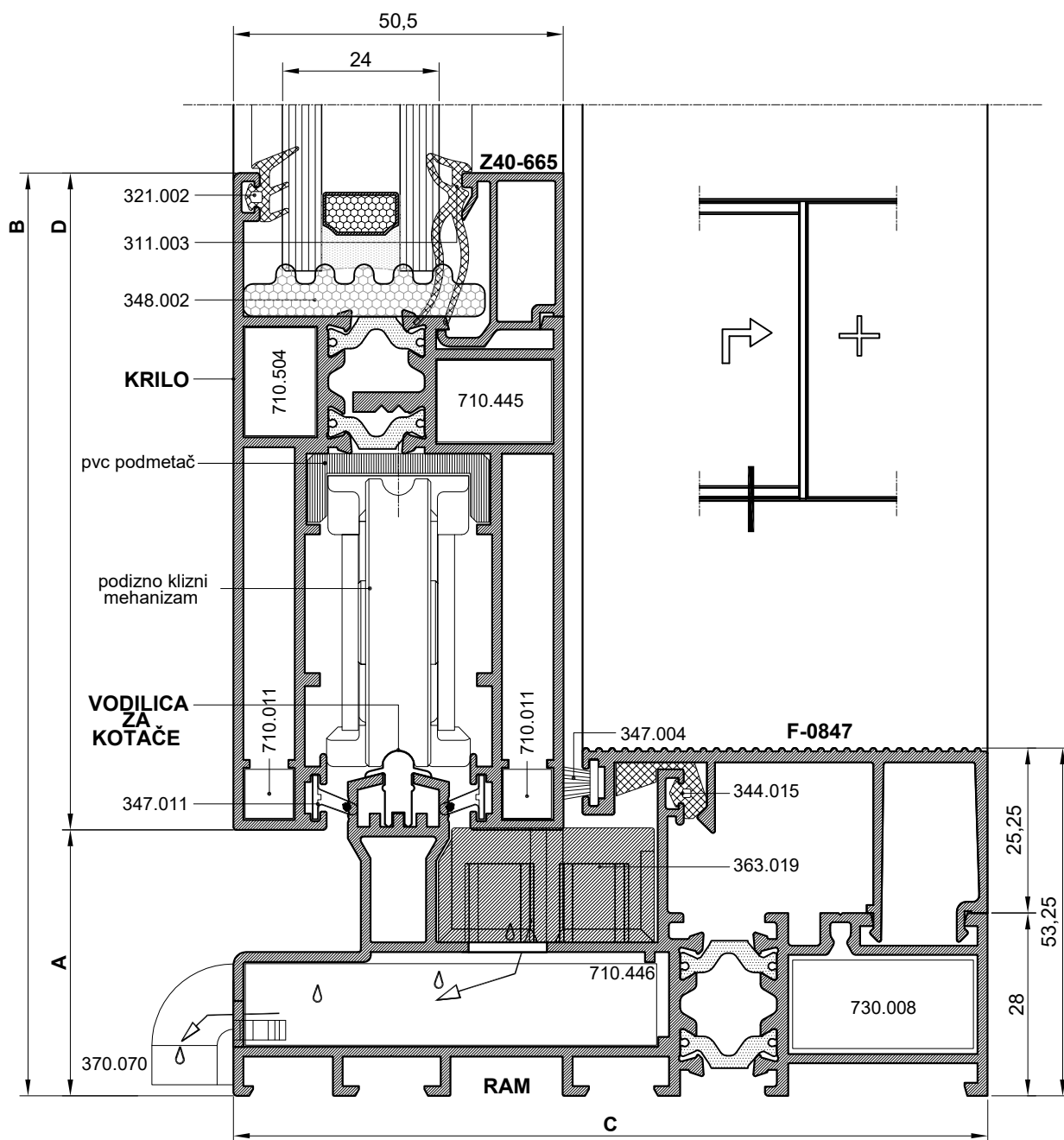
**STAKLO:** - dvoslojno.....debljina 10-37 mm

- MOGUĆNOST UGRADNJE NADSVJETLA I PREČKE U RAMU I KRILU

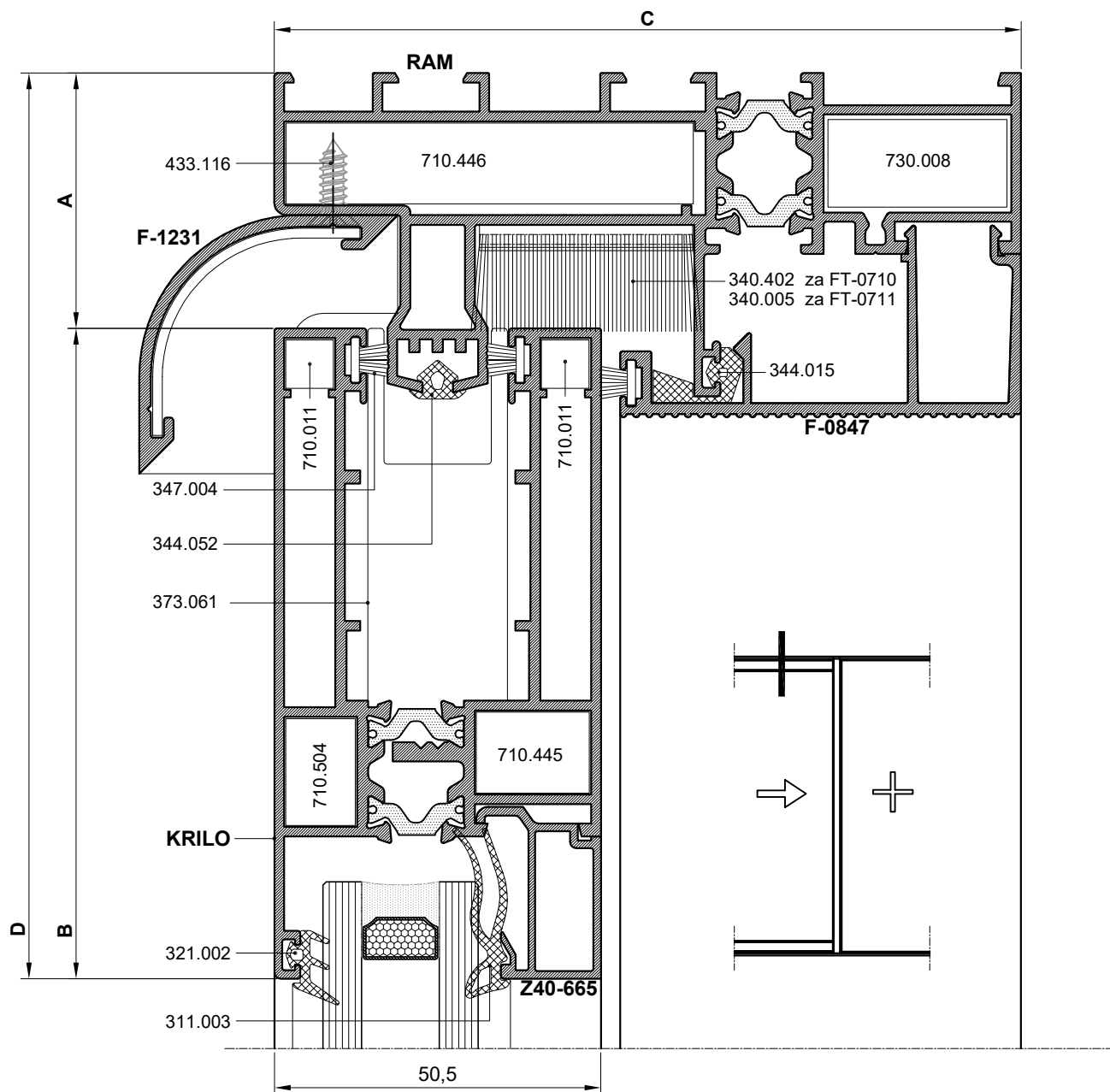




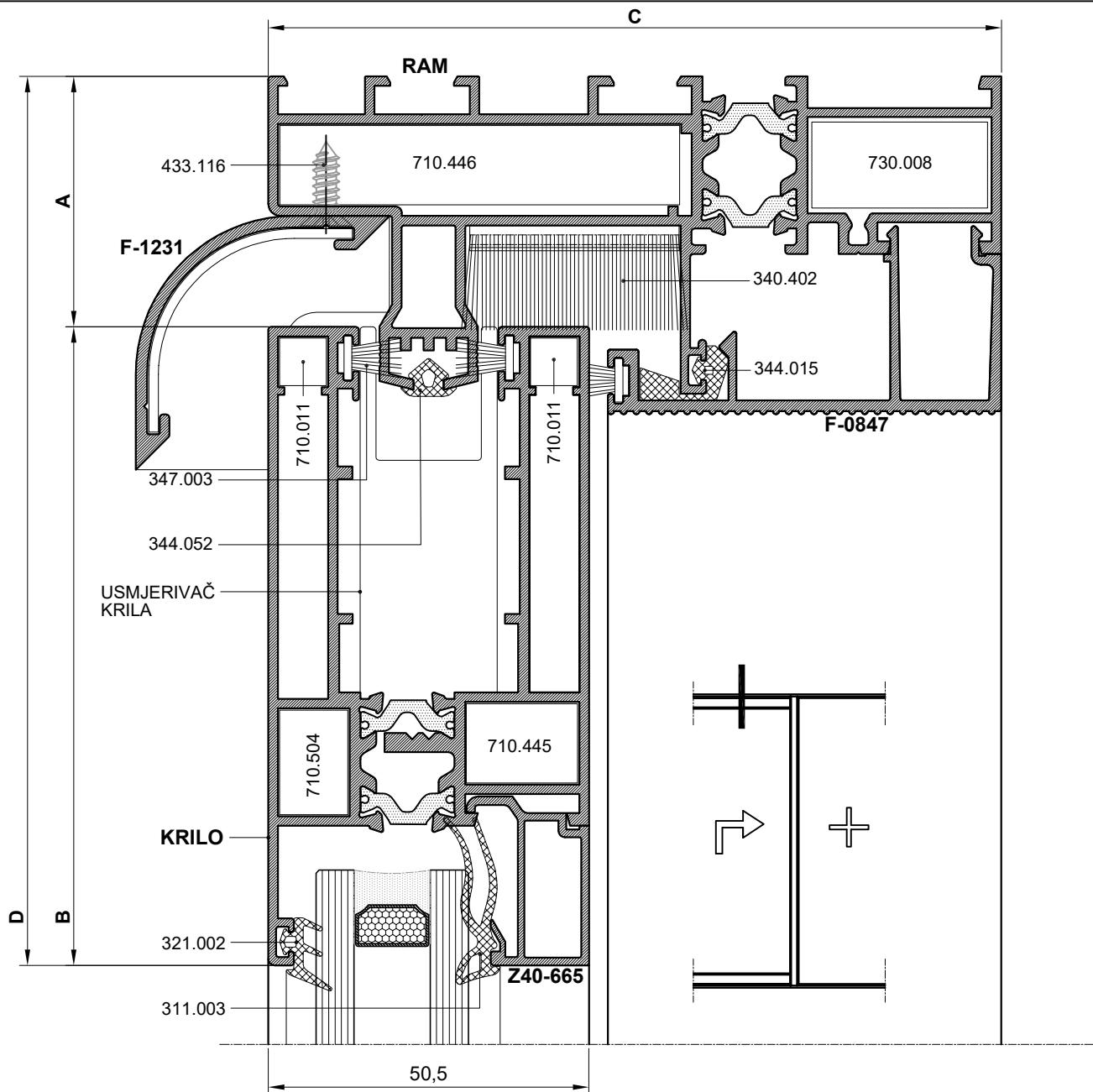
Opis	Oznaka		C (mm)	Kutne spojnice					
Ram	FT-0705		115.5	710.446 730.008					
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	PVC podmetač	
Krillo	FT-0710	133.006 Notter	42	142.6	100.6	F-1112	710.504 710.445 710.011	374.027	
	FT-0710	149.039 Hautau	41	141.6	100.6	F-1112	710.504 710.445 710.011	374.042	
	FT-0711	149.040 Hautau	42	122	80	F-1112	710.406 710.011 730.017 731.010	374.096	



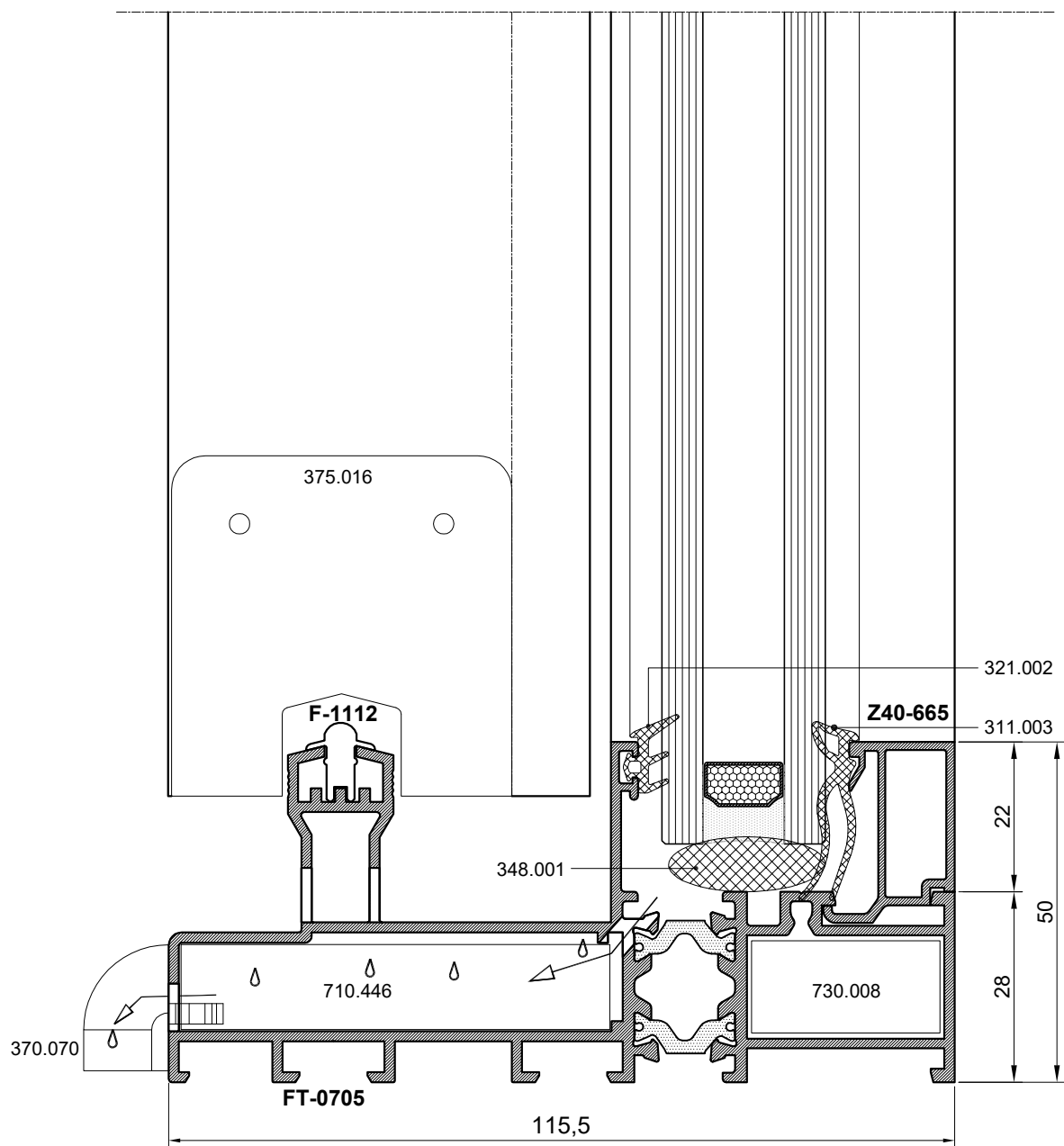
Opis	Oznaka	C (mm)	Kutne spojnice						
Ram	FT-0705	115.5	710.446 730.008						
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	PVC podmetač	
Kriilo	FT-0710	149.033 Hautau	41	141.6	100.6	F-1112	710.504 710.445 710.011	374.042	
	FT-0711	149.034 Hautau	42	122	80	F-1112	710.406 710.011 730.017 731.010	374.096	



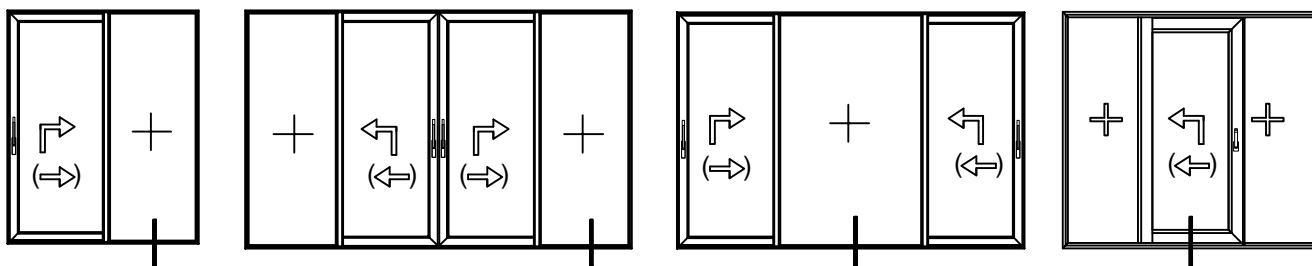
Opis	Oznaka	C (mm)	Kutne spojnice					
Ram	FT-0705	115.5	710.446 730.008					
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	
Kriilo	FT-0710	133.006 Notter	39.5	140.1	100.6	F-1112	710.504 710.445 710.011	
	FT-0710	149.039 Hautau	39.5	140.1	100.6	F-1112	710.504 710.445 710.011	
	FT-0711	149.040 Hautau	39.5	119.5	80	F-1112	710.406 710.011 730.017 731.010	

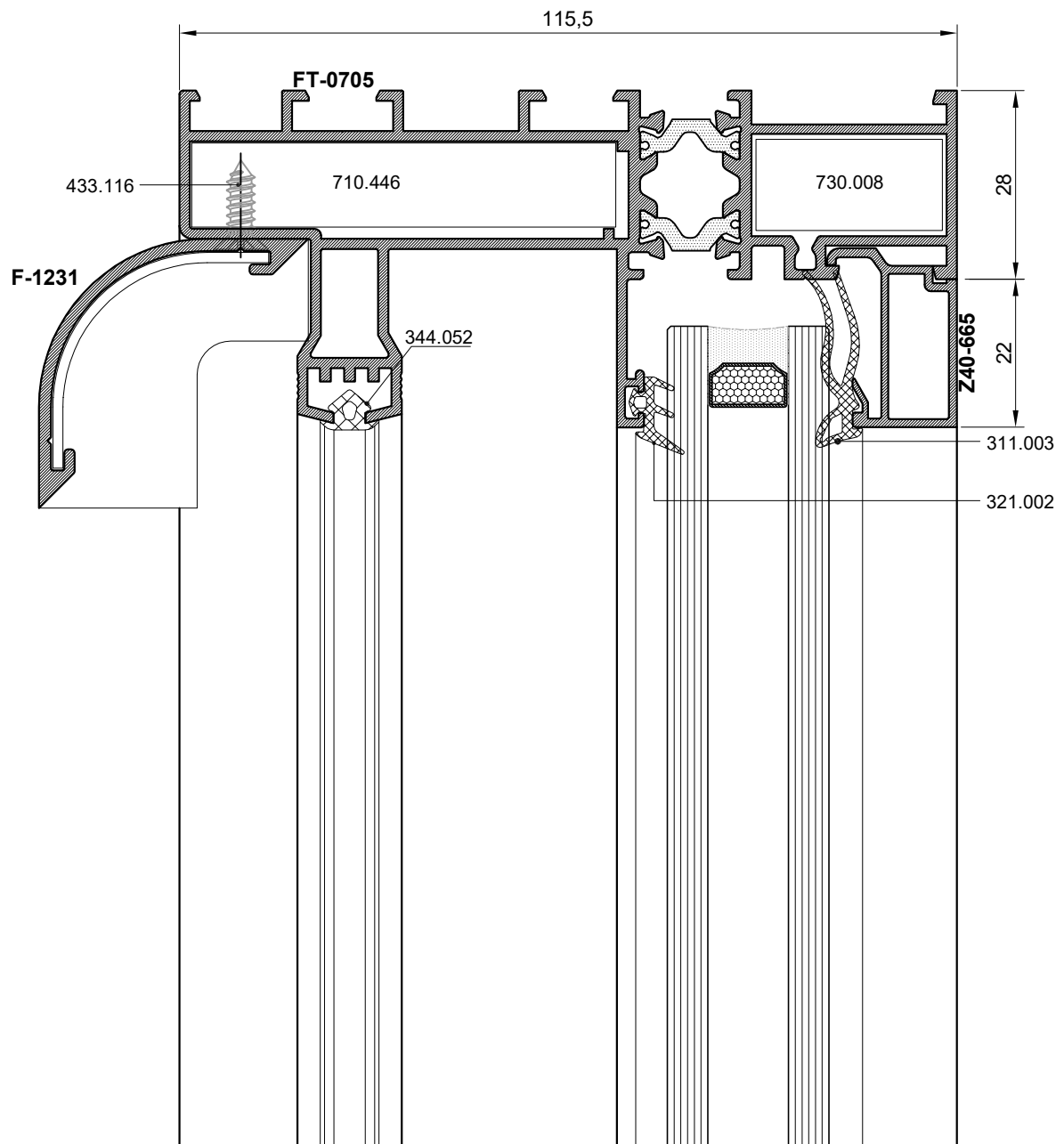


Opis	Oznaka	C (mm)	Kutne spojnice						
Ram	FT-0705	115.5	710.446	730.008					
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	Usmjerivač krila	
Krilo	FT-0710	149.033 Hautau	39.5	140.1	100.6	F-1112	710.504 710.445 710.011	373.061	
	FT-0711	149.034 Hautau	39.5	119.5	80	F-1112	710.406 710.011 730.017 731.010	373.061	

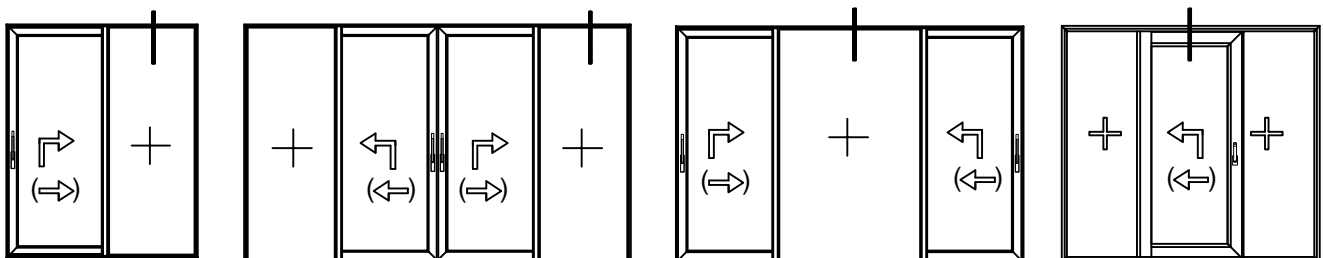


Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0705	115.5	710.446 730.008		

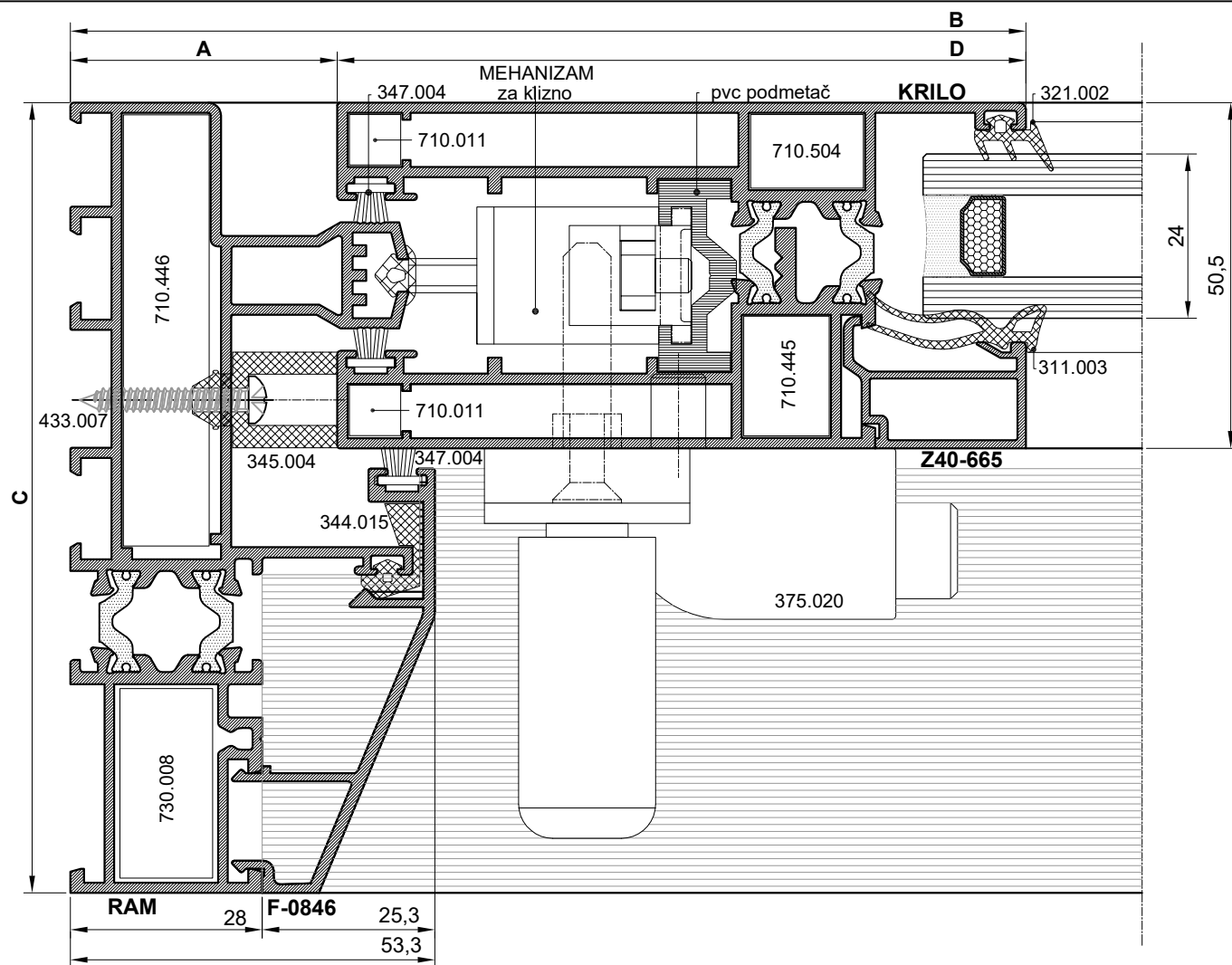




Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0705	115.5	710.446 730.008		



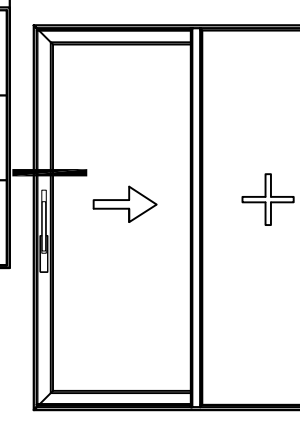


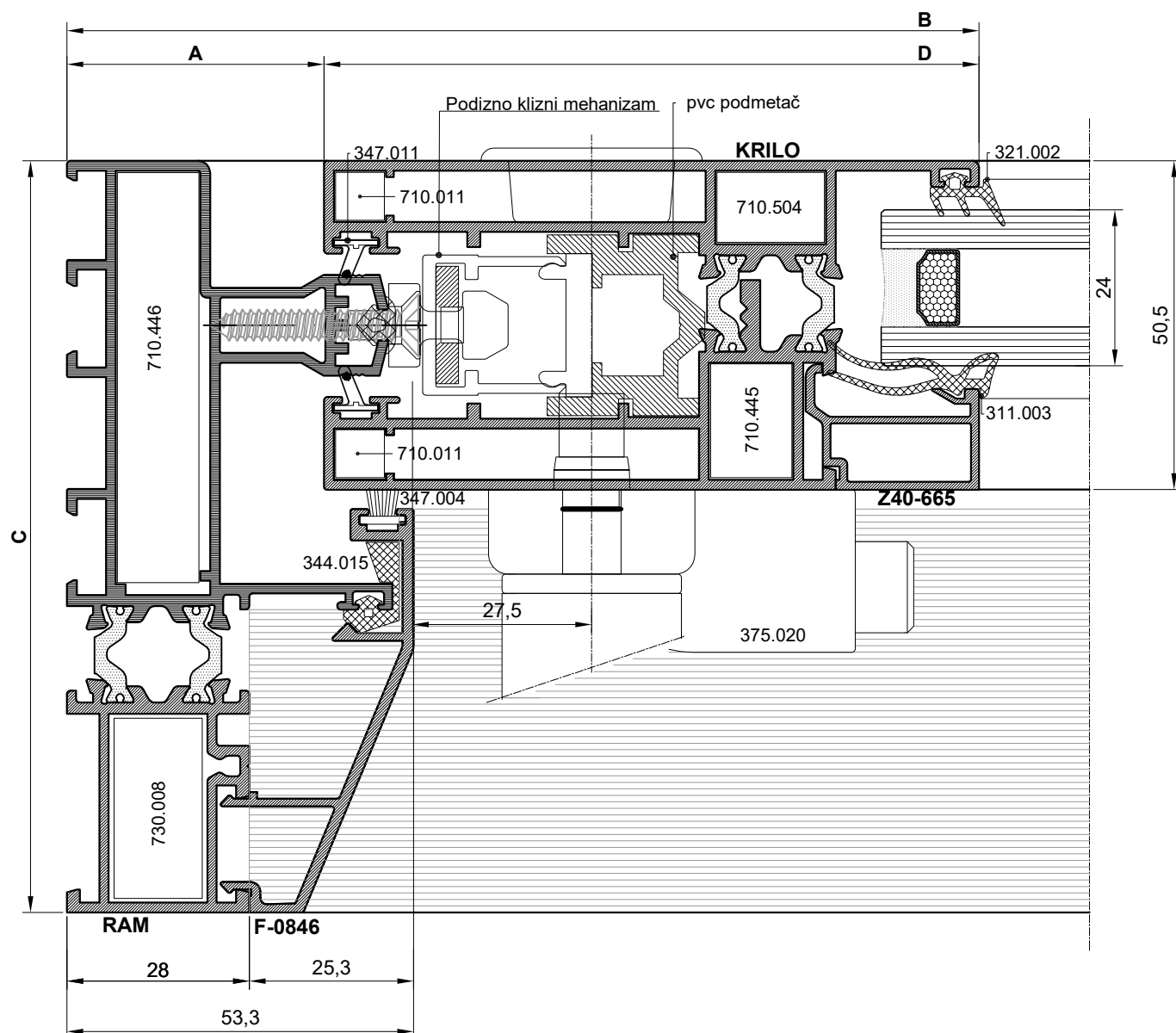


Opis	Oznaka	C (mm)	Kutne spojnice			
Ram	FT-0705	115.5	710.446	730.008		

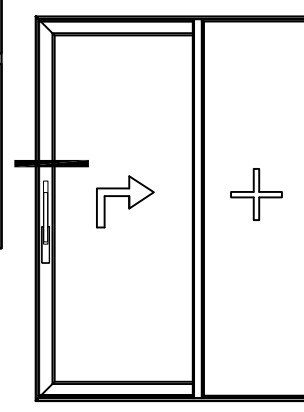
  

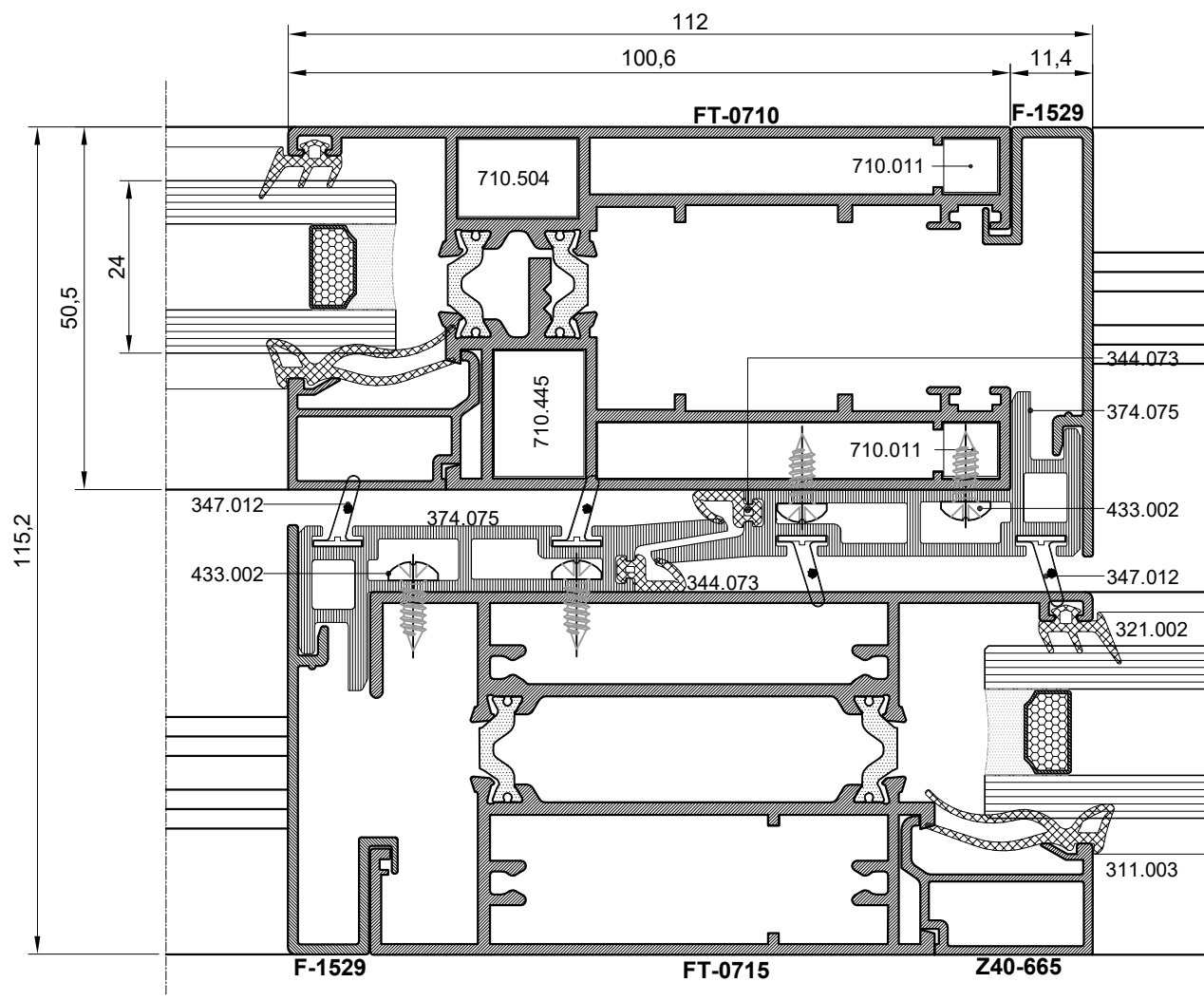
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Kutne spojnice	PVC podmetač	
Krilo	FT-0710	133.006 Notter	39	139.6	100.6	710.504 710.445 710.011	374.027	
	FT-0710	149.039 Hautau	39.5	140.1	100.6	710.504 710.445 710.011	-	
	FT-0711	149.040 Hautau	41.5	121.5	80	710.406 710.011 730.017 731.010	-	





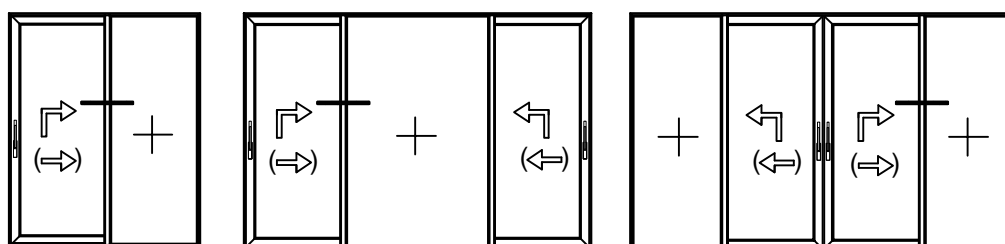
Opis	Oznaka	C (mm)	Kutne spojnice				
Ram	FT-0705	115.5	710.446	730.008			
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Kutne spojnice	PVC podmetač
Kriilo	FT-0710	149.033 Hautau	39.5	140.1	100.6	710.504 710.445 710.011	374.028
	FT-0711	149.034 Hautau	41.5	121.5	80	710.406 710.011 730.017 731.010	-

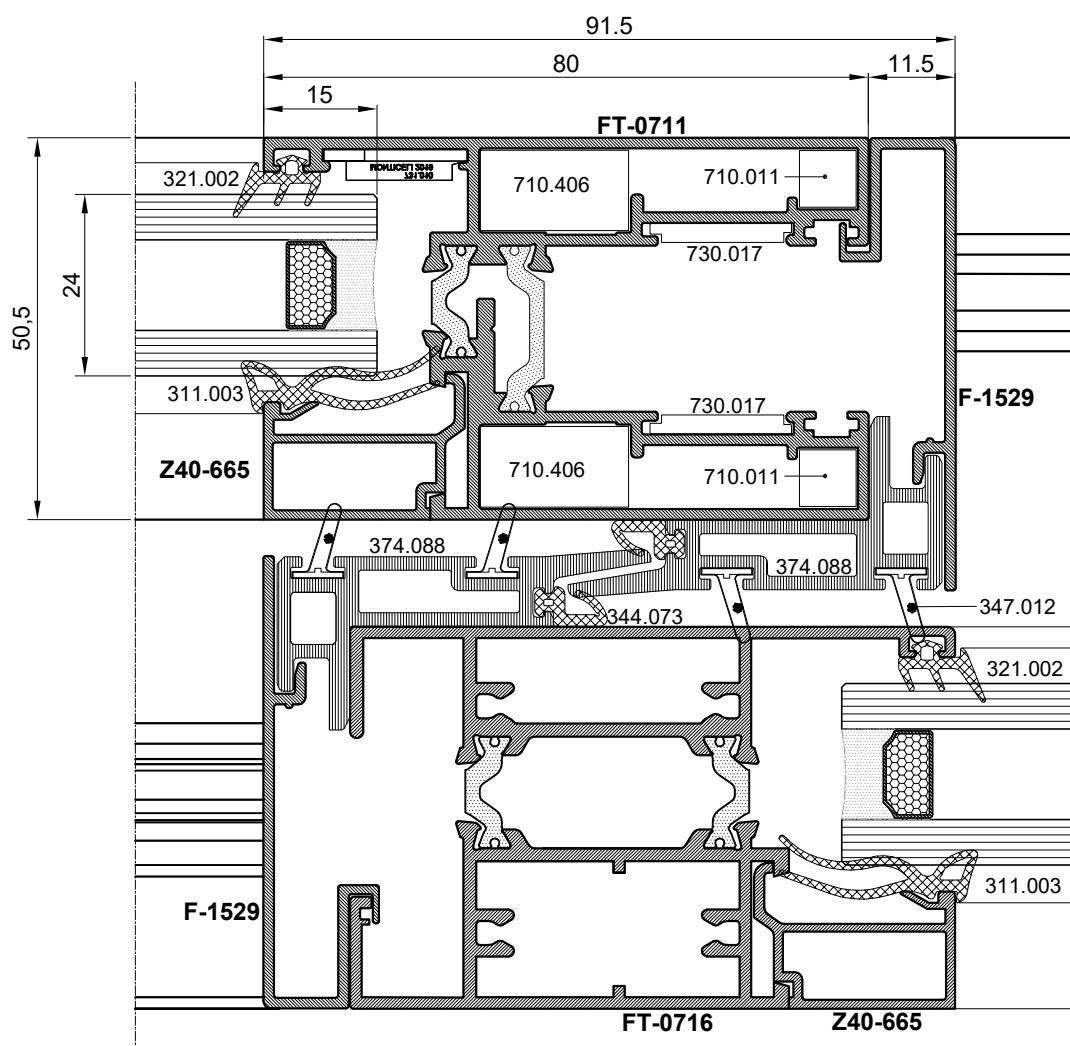




Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva
Prečka	FT-0715	F-1529	374.075	344.073	347.003

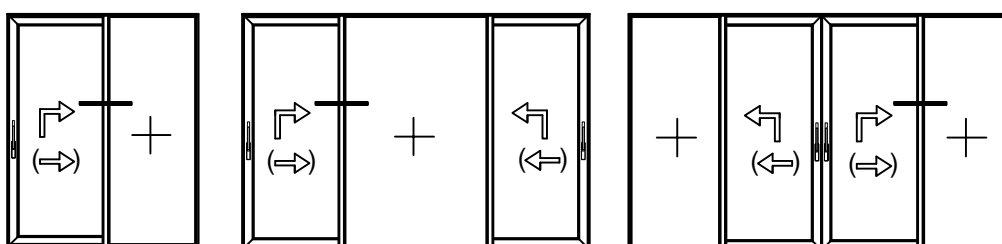
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva
Krilo	FT-0710	F-1529	374.075	344.073	347.003

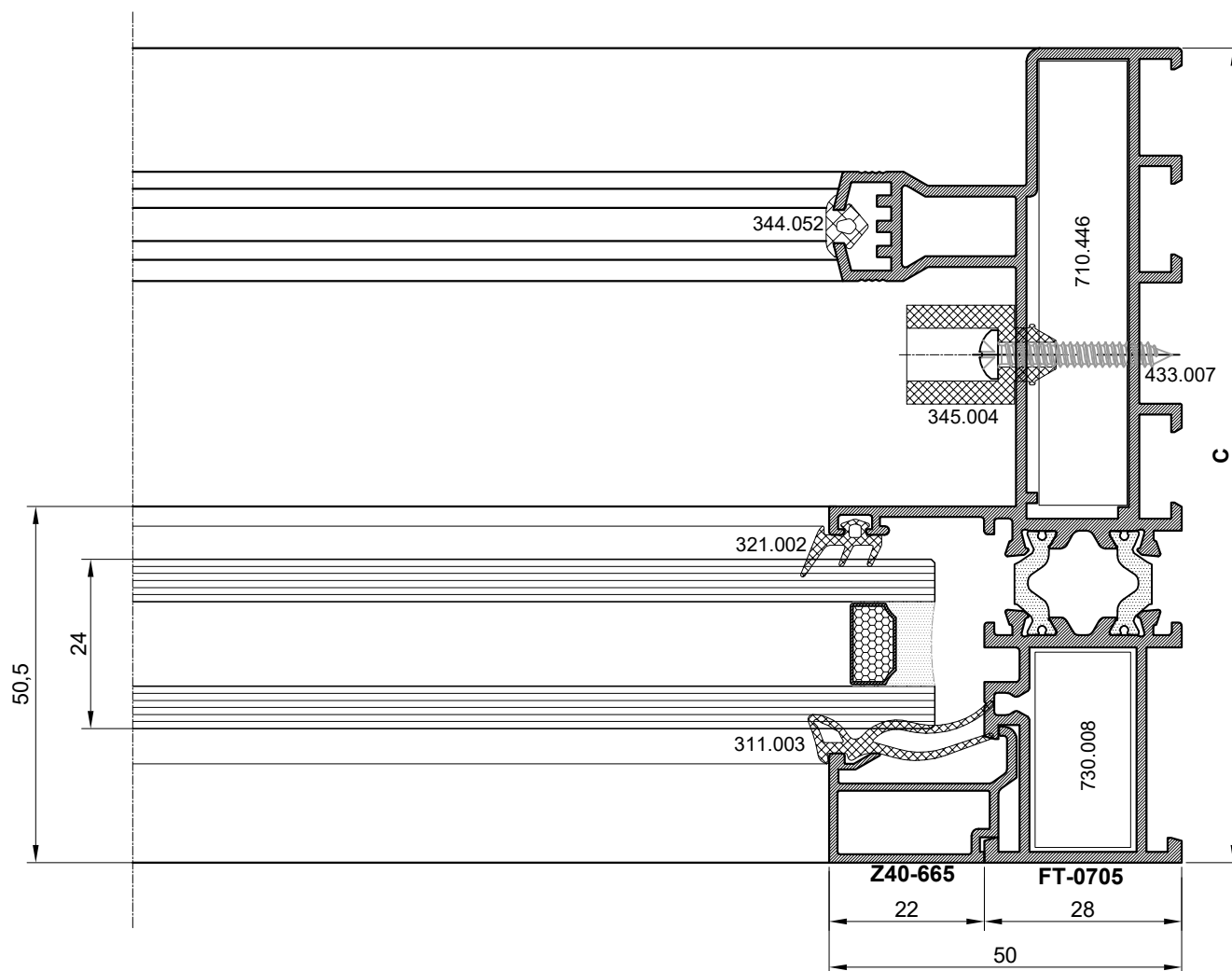




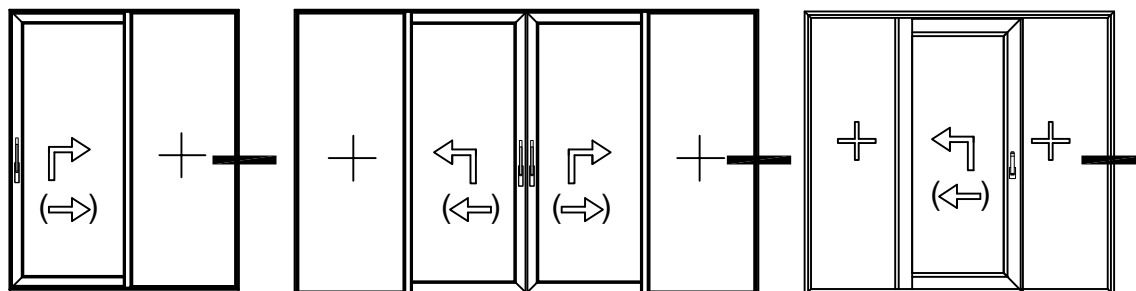
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva
Prečka	FT-0716	F-1529	374.088	344.073	347.003

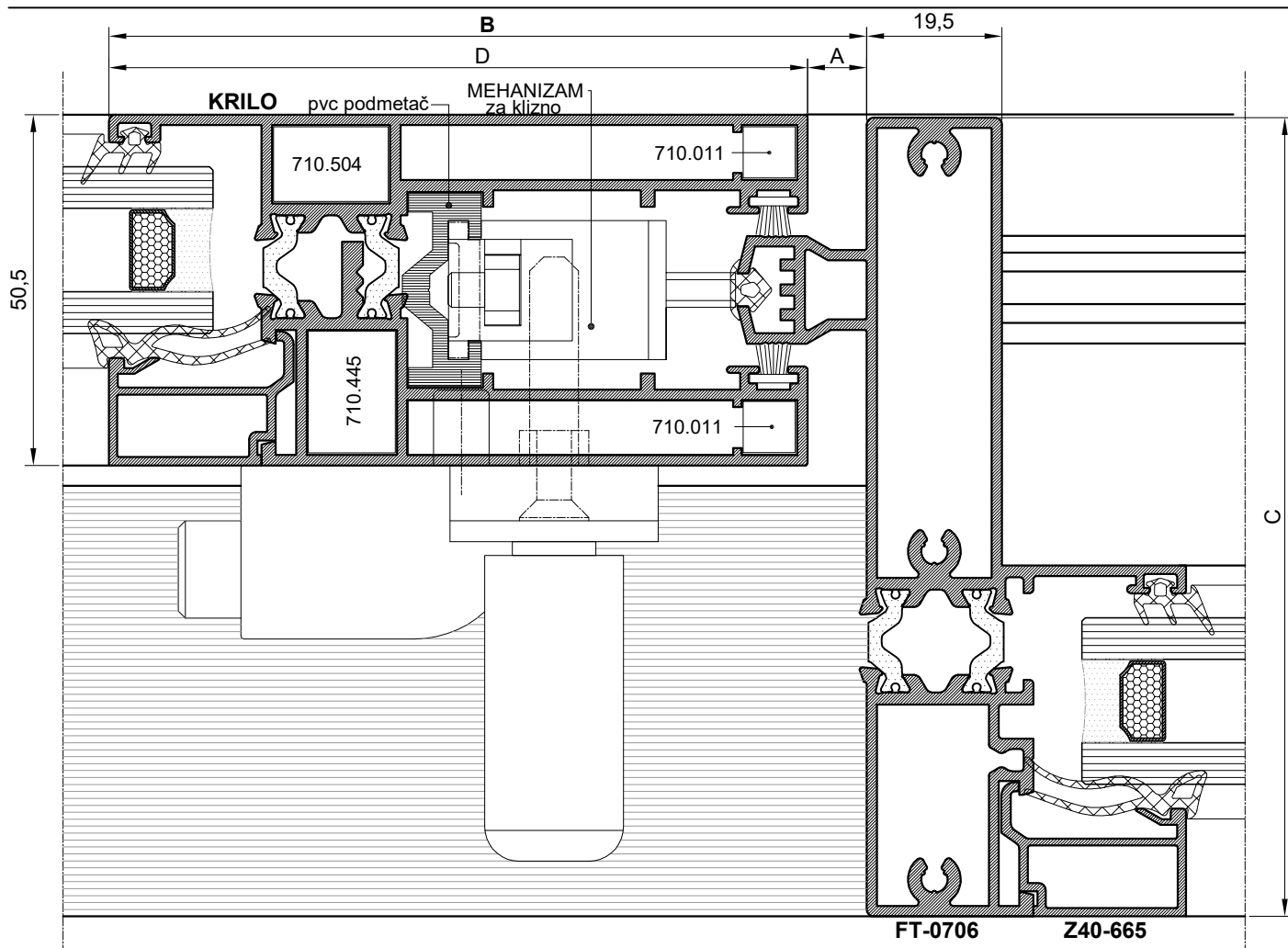
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva
Krilo	FT-0710	F-1529	374.088	344.073	347.003



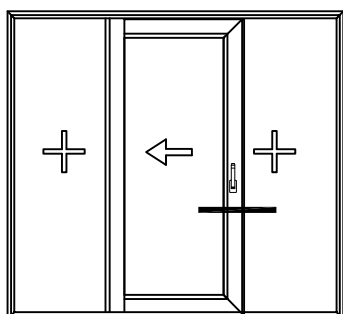


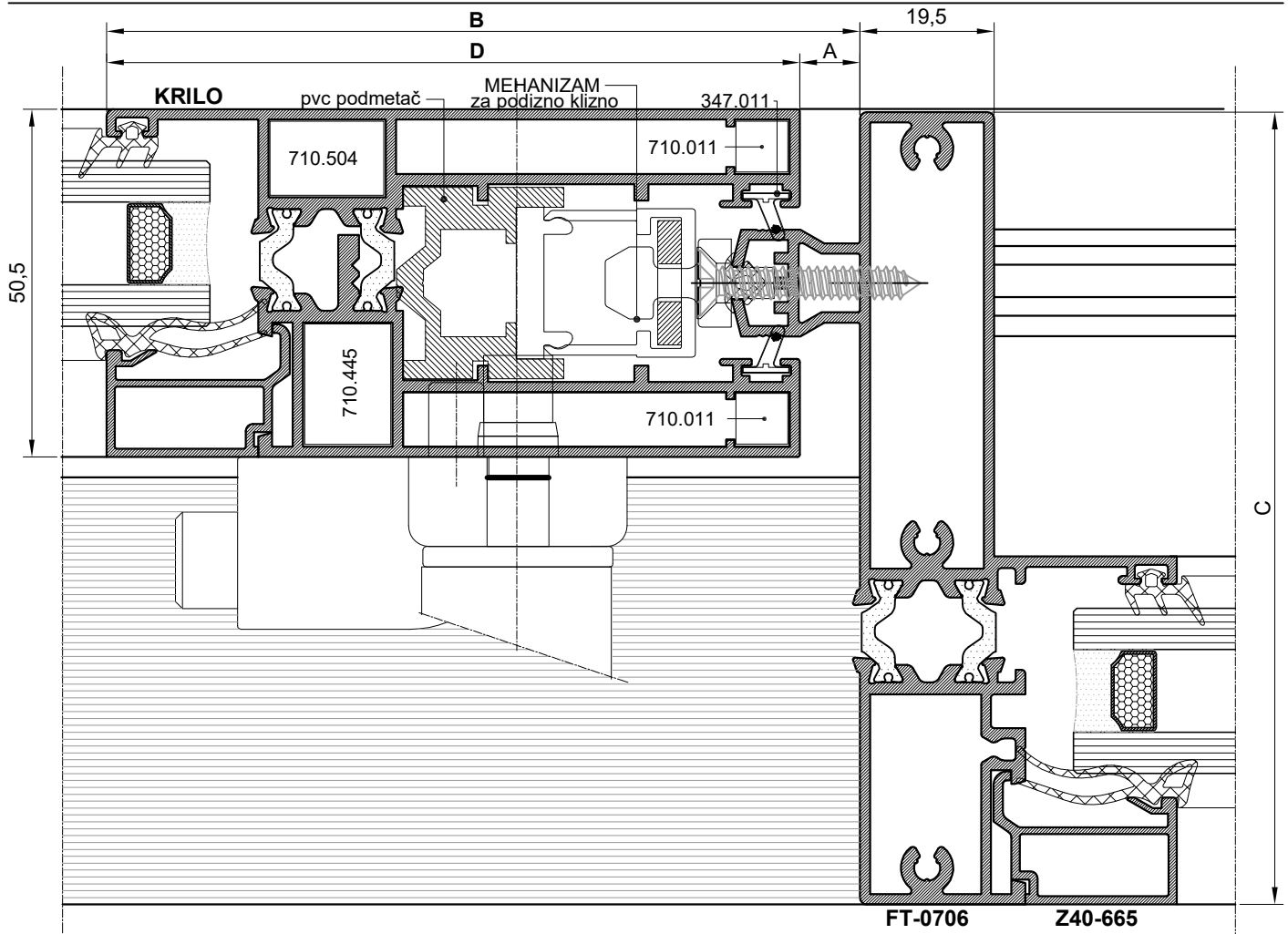
Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0705	115.5	710.446 730.008		





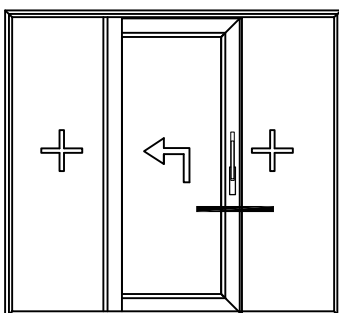
Opis	Oznaka	C (mm)	Spojnica sa ramom					
Prečka	FT-0706	115	375.017					
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Kutne spojnice	PVC profili	
Kriilo	FT-0710	133.006 Notter	8.5	109.1	100.6	710.504 710.445 710.011	374.027	
	FT-0710	149.039 Hautau	8.5	109.1	100.6	710.504 710.445 710.011	-	
	FT-0711	149.040 Hautau	10.5	90.5	80	710.406 710.011 730.017 731.010	-	

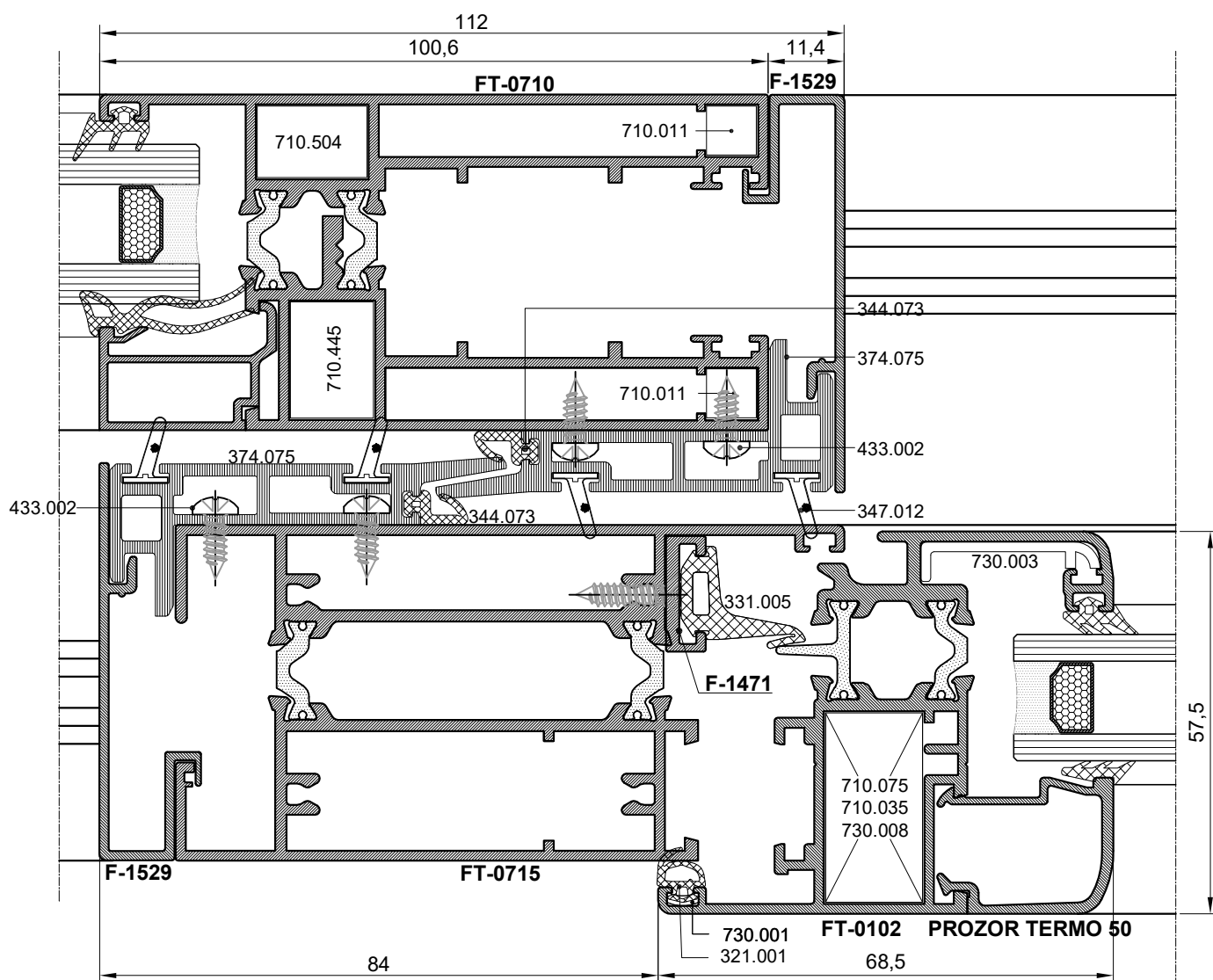
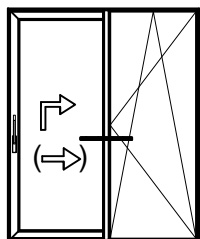




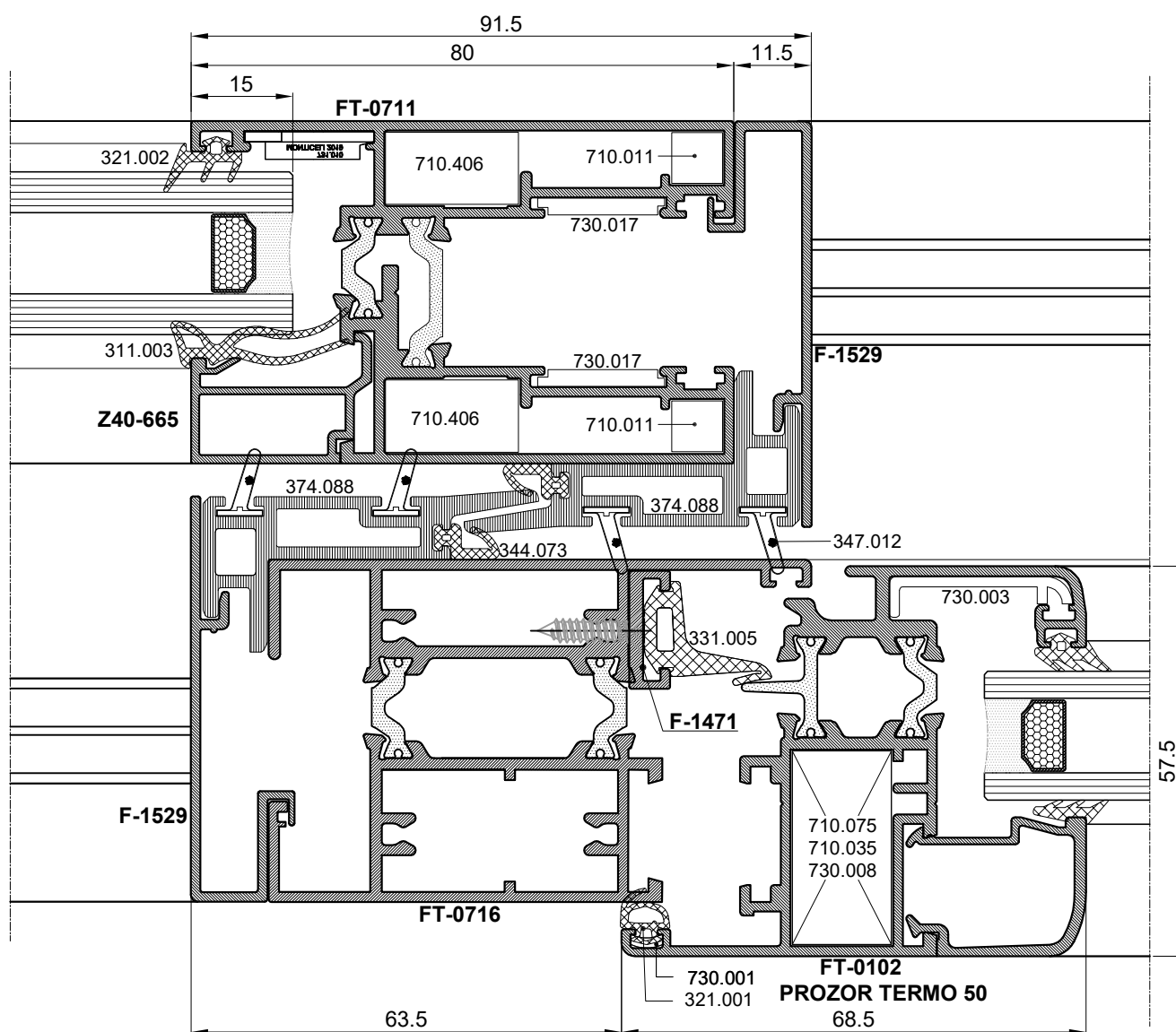
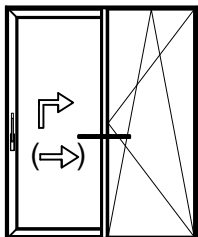
Opis	Oznaka	C (mm)	Spojница sa ramom		
Prečka	FT-0706	115	375.017		

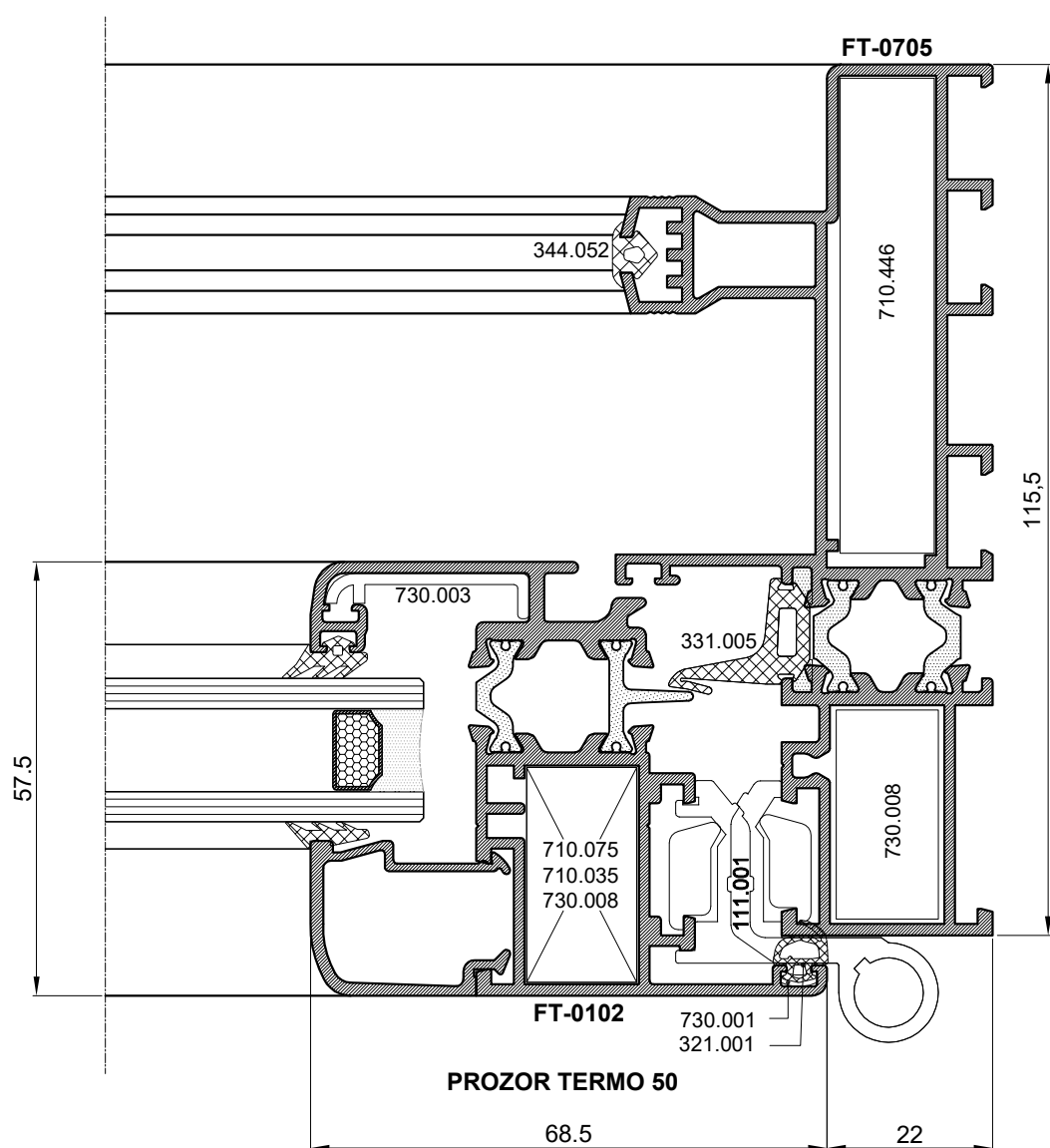
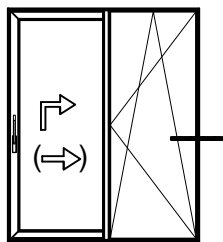
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)	Kutne spojnice	PVC podmetač	
Krilo	FT-0710	149.033 Hautau	9	109.6	100.6	710.504 710.445 710.011	374.028	
	FT-0711	149.034 Hautau	10.5	109.6	80	710.406 710.011 730.017 731.010	-	

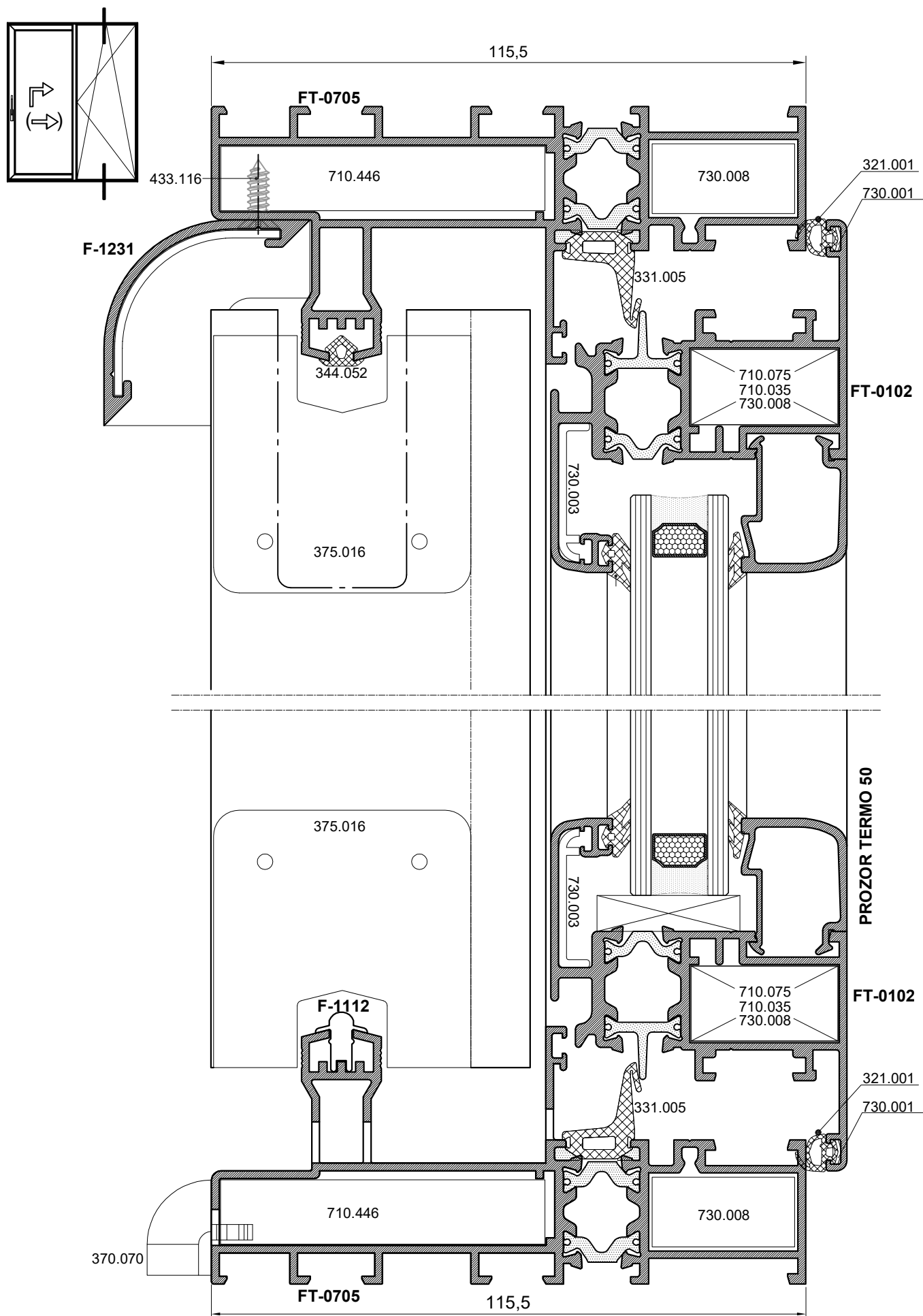


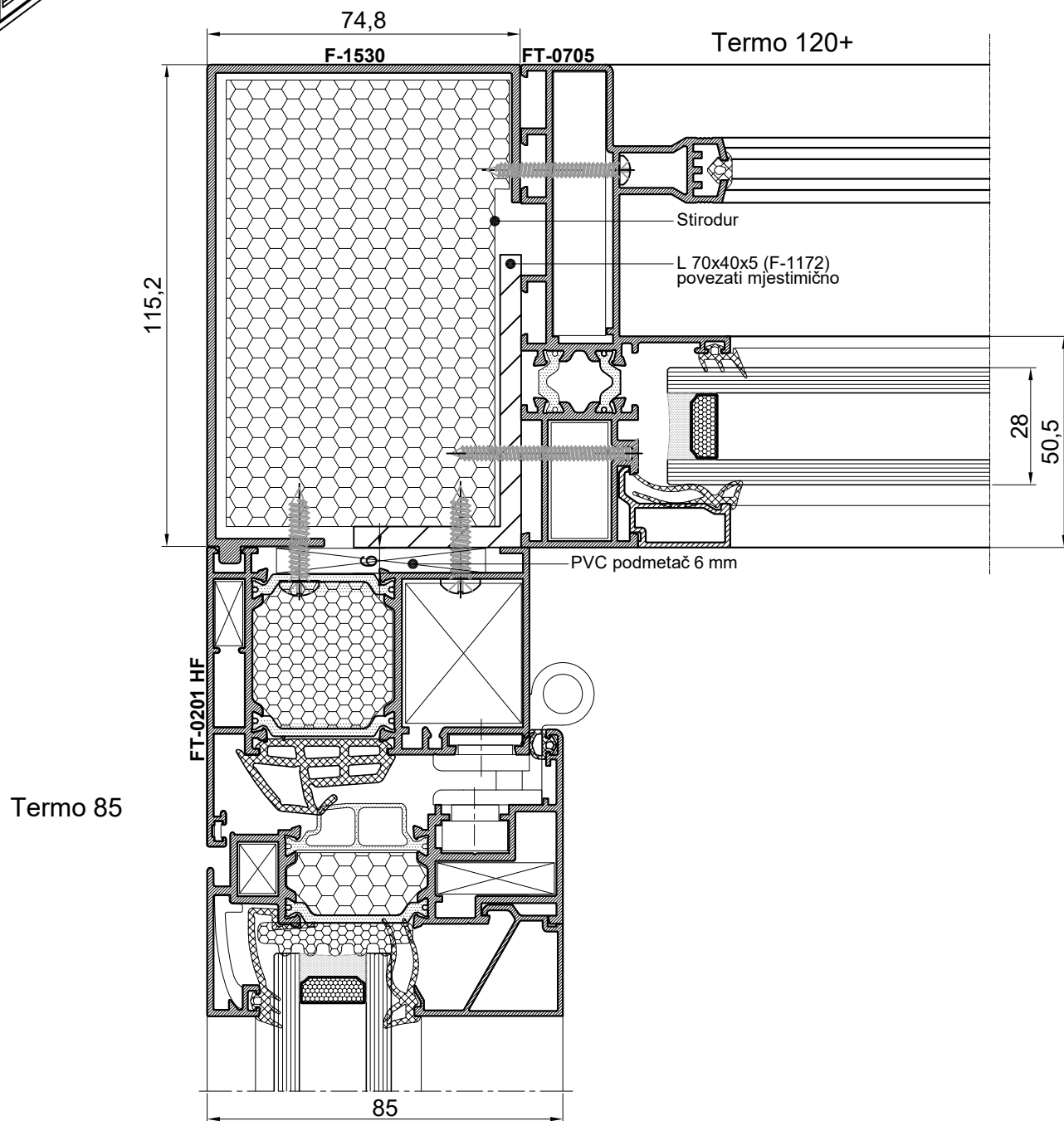
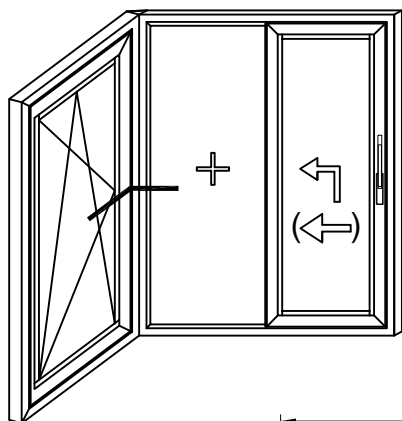


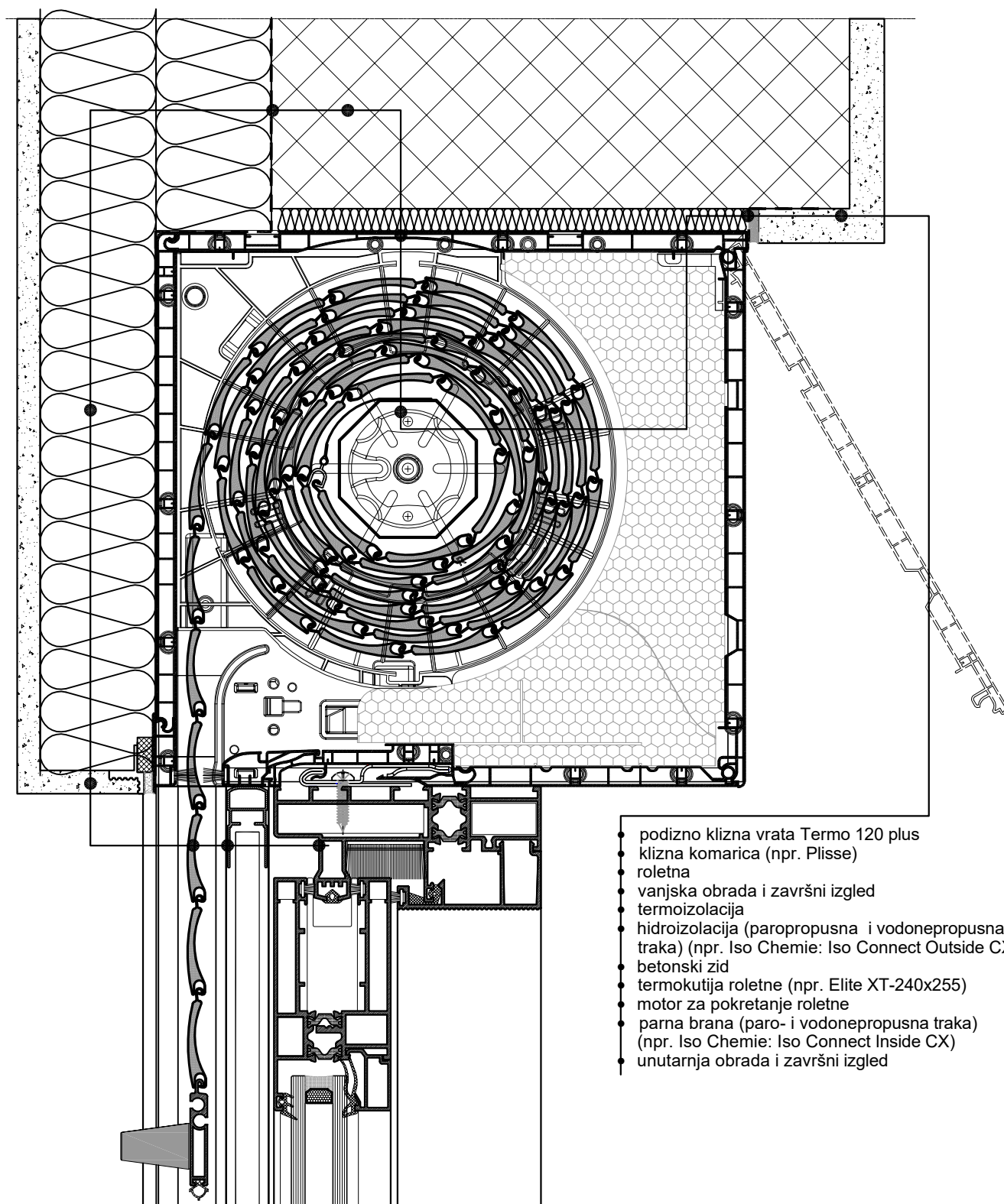
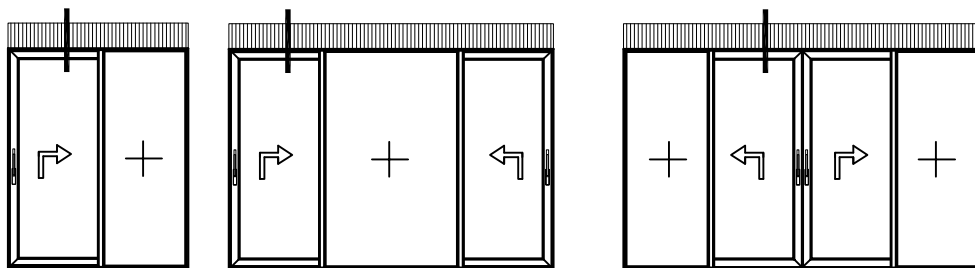




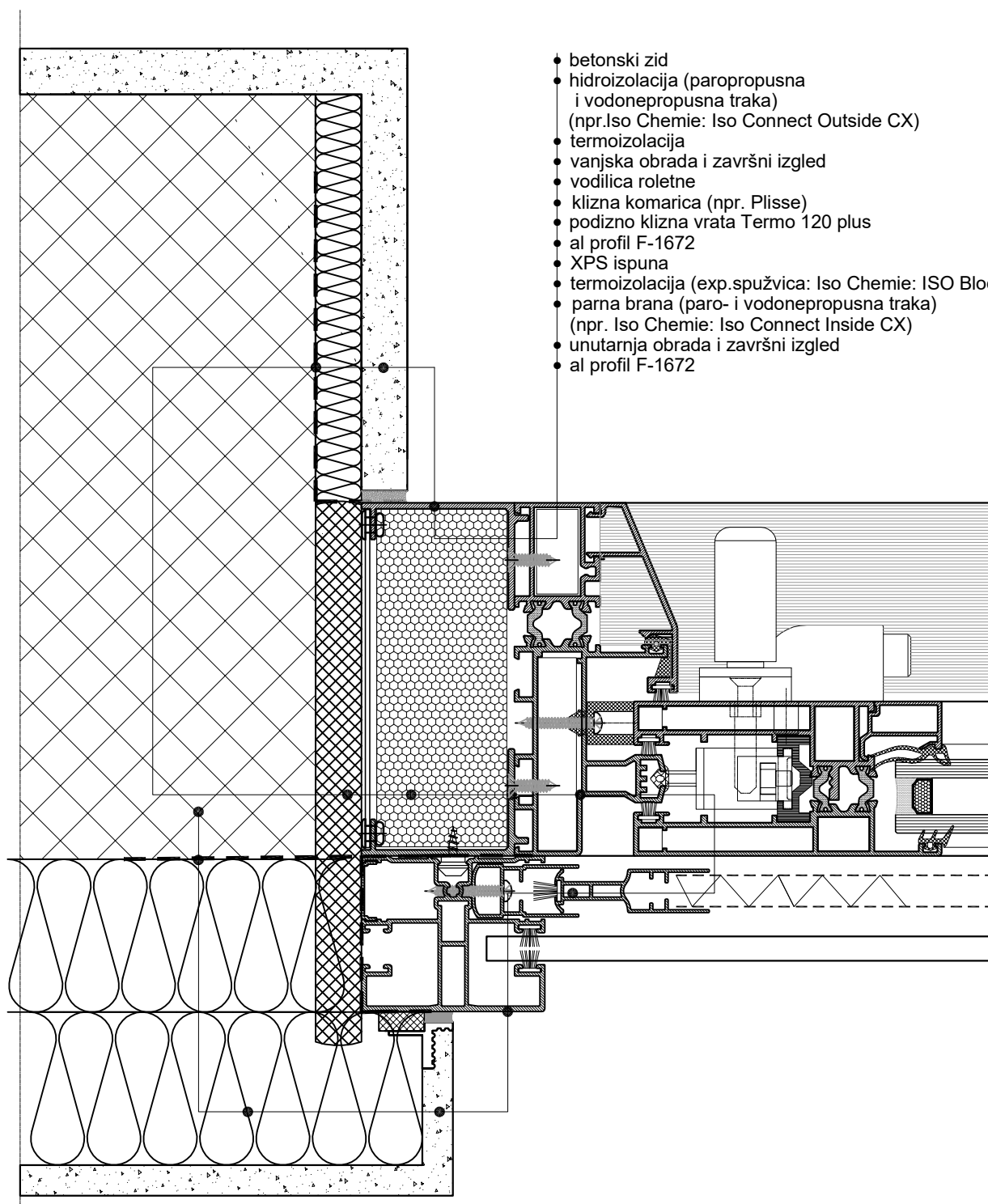
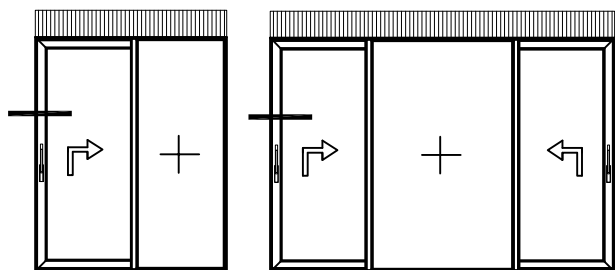






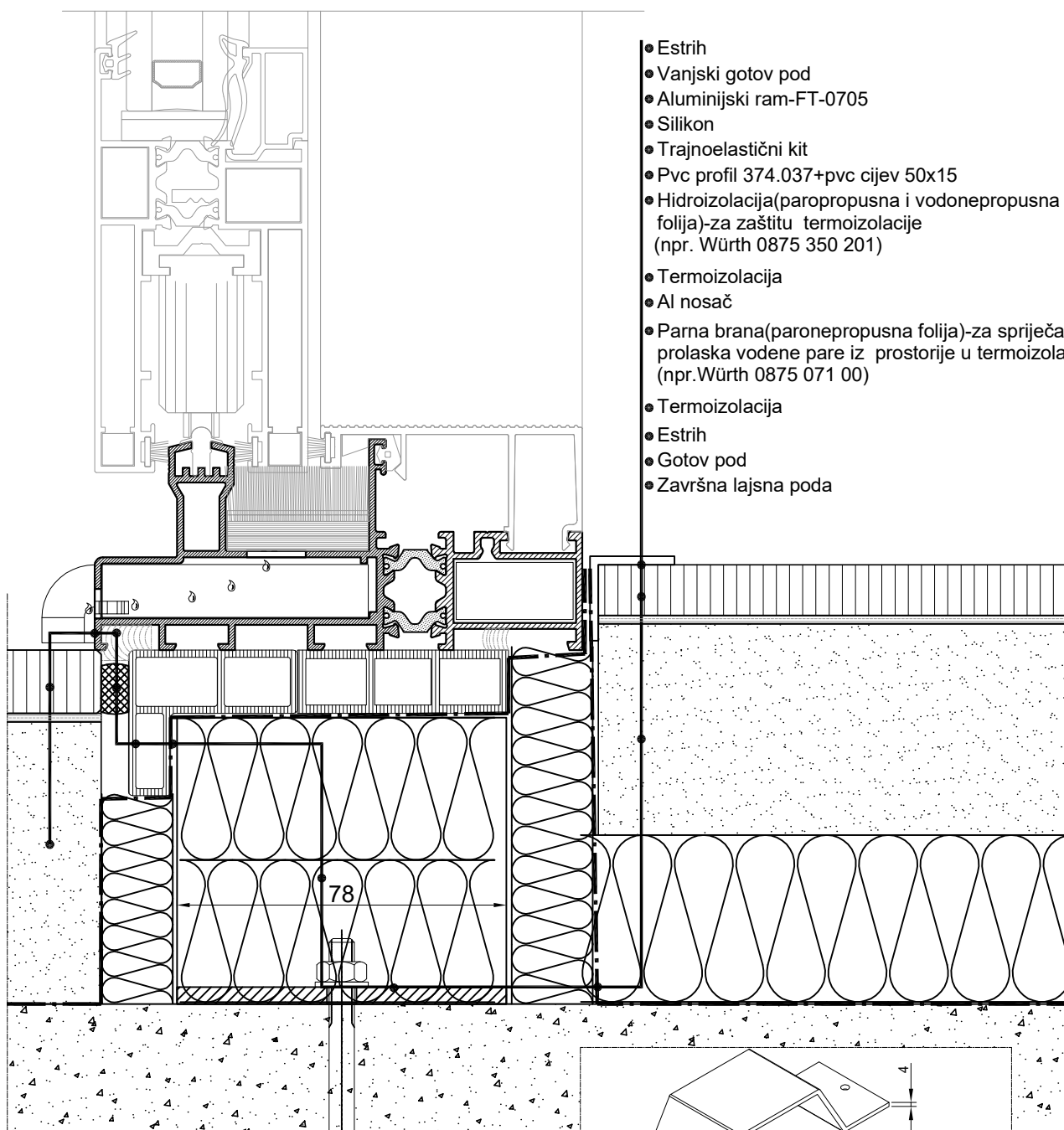
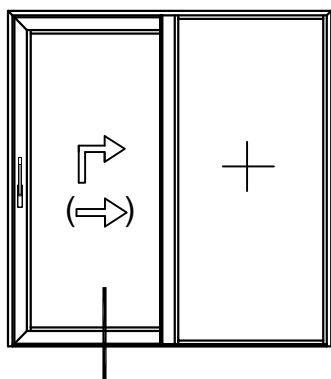


- podizno klizna vrata Termo 120 plus
- klizna komarica (npr. Plisse)
- roletna
- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- betonski zid
- termokutija roletne (npr. Elite XT-240x255)
- motor za pokretanje roletne
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled



- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- podizno klizna vrata Termo 120 plus
- al profil F-1672
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- al profil F-1672





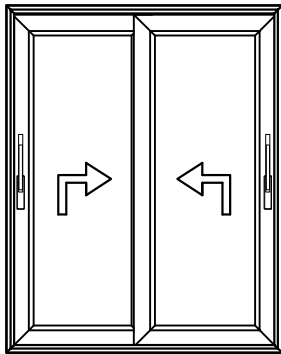
- Estrih
- Vanjski gotov pod
- Aluminijski ram-FT-0705
- Silikon
- Trajnoelastični kit
- Pvc profil 374.037+pvc cijev 50x15
- Hidroizolacija(paropropusna i vodonepropusna folija)-za zaštitu termoizolacije (npr. Würth 0875 350 201)
- Termoizolacija
- Al nosač
- Parna brana(paronepropusna folija)-za sprječavanje prolaska vodene pare iz prostorije u termoizolaciju (npr. Würth 0875 071 00)
- Termoizolacija
- Estrih
- Gotov pod
- Završna lajsna poda



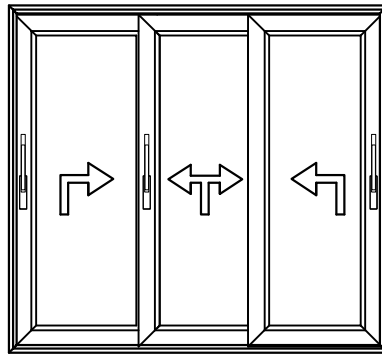




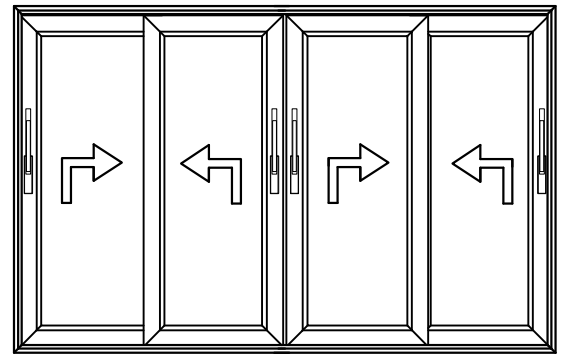
DVOKRILNO PODIZNO KLIZNO



TROKRILNO PODIZNO KLIZNO



ČETVEROKRILNO PODIZNO KLIZNO



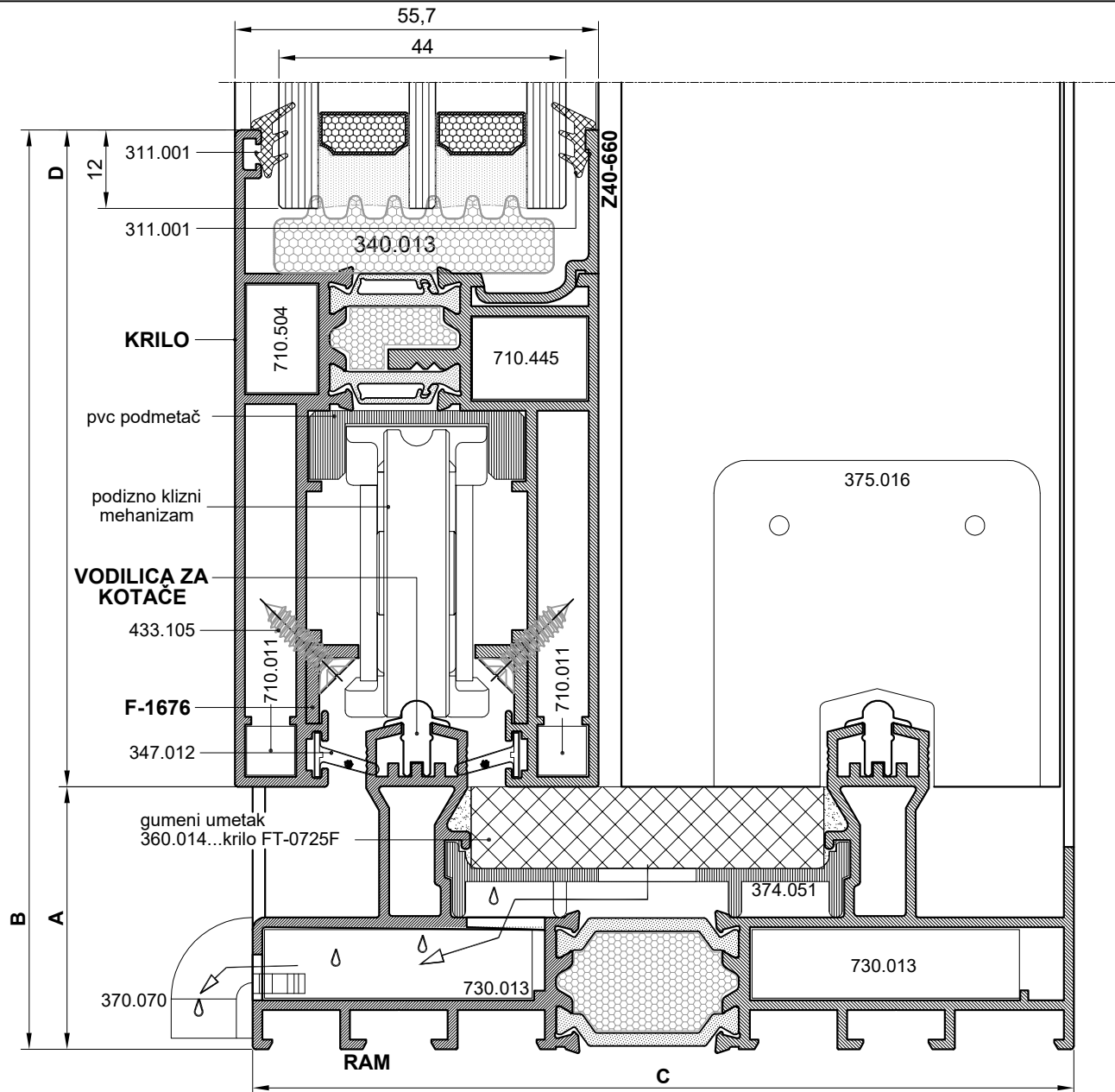
**Podizn klizni sistem:**

**RAM:** - dvije staze (FT-0720F)  
- tri staze (FT-0721F)

**KRILO:** - FT-0725F .....okov Hautau

**STAKLO:** - troslojno.....debljina 36-43 mm

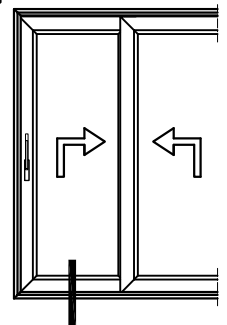
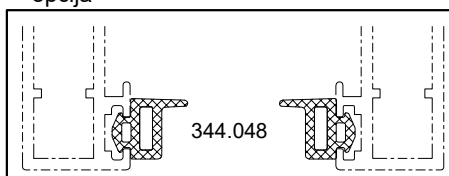


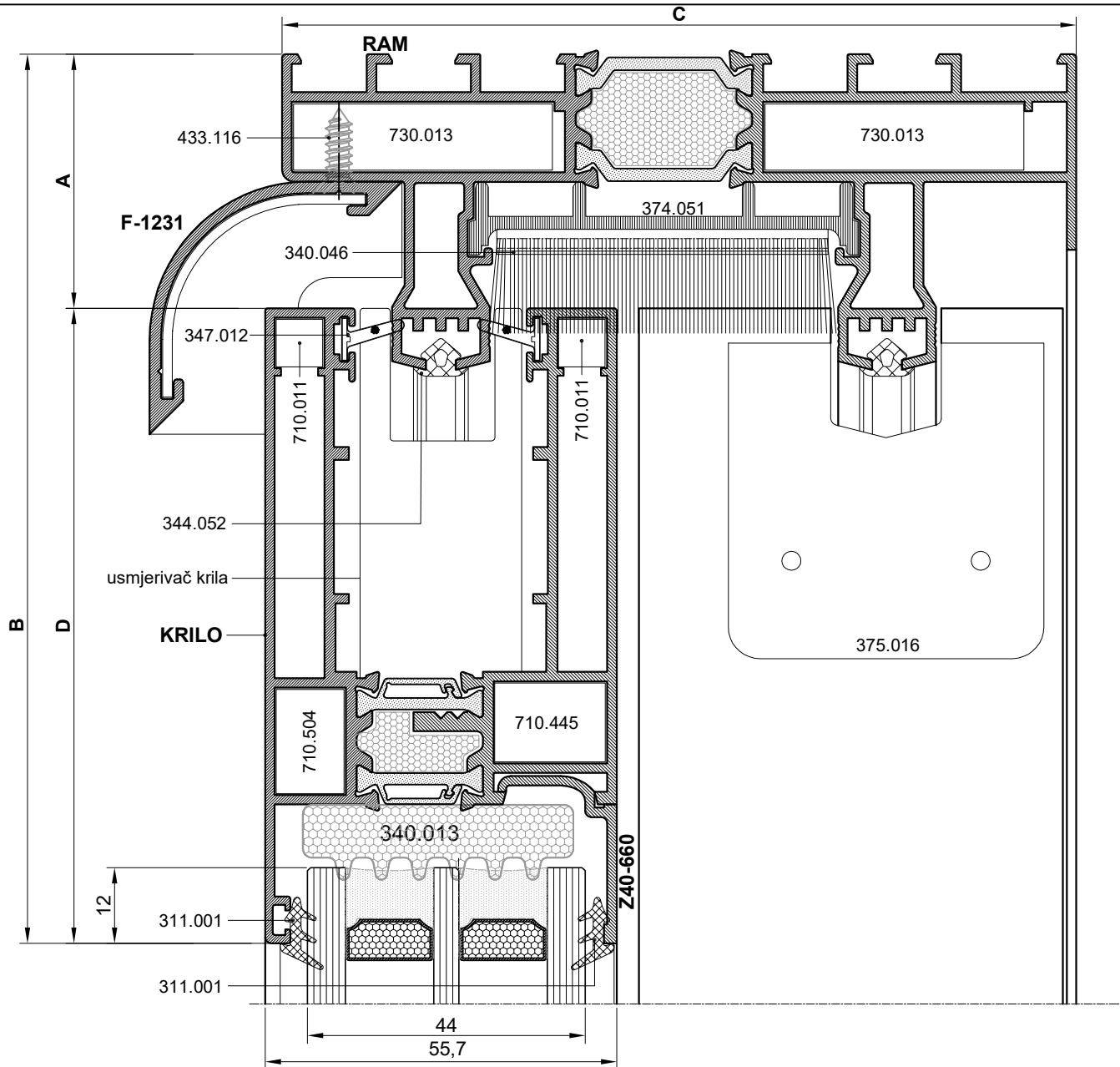


Opis		Oznaka	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0720F	126	730.013	374.051	
	tri staze	FT-0721F	196.5	730.013	374.051	

Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	PVC podmt.	Brtvilo između krila i rama
Krilo	FT-0725F	149.033 Hautau	➡	40.3	140.9	100.6	F-1112	710.504 710.445 710.011	374.052	347.012 (344.048*)

\* opcija

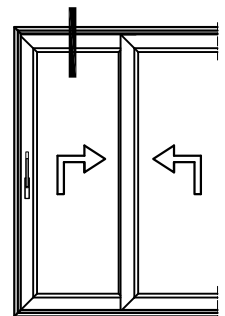
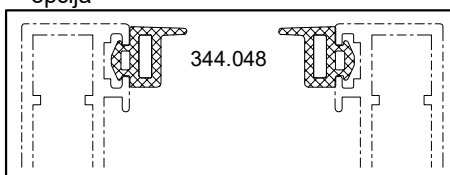


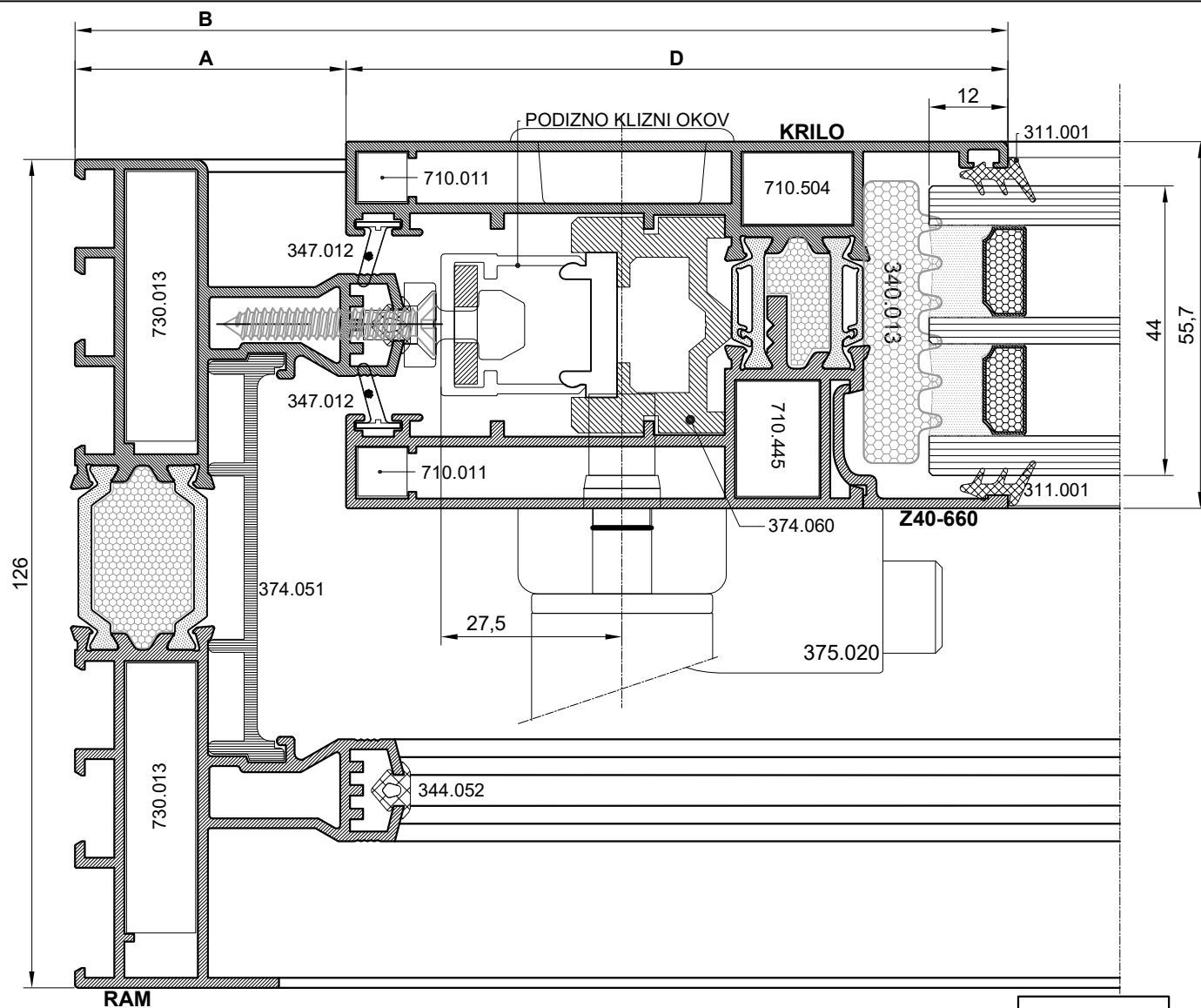


Opis		Oznaka	C (mm)	Kutne spojnice	PVC profili	
Ram	dvije staze	FT-0720F	126	730.013	374.051	
	tri staze	FT-0721F	196.5	730.013	374.051	



Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Usmjerivač krila	Kutne spojnice	Brtvilo između krila i rama
Krilo	FT-0725F	149.033 Hautau	➡	41.5	142.1	100.6	373.060	710.504 710.445 710.011	347.012 (344.048*)

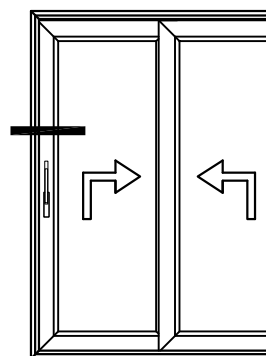
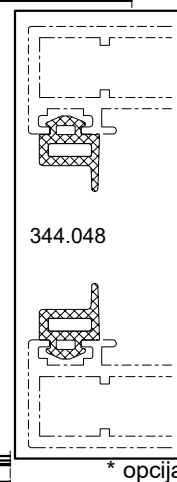
\* opcija

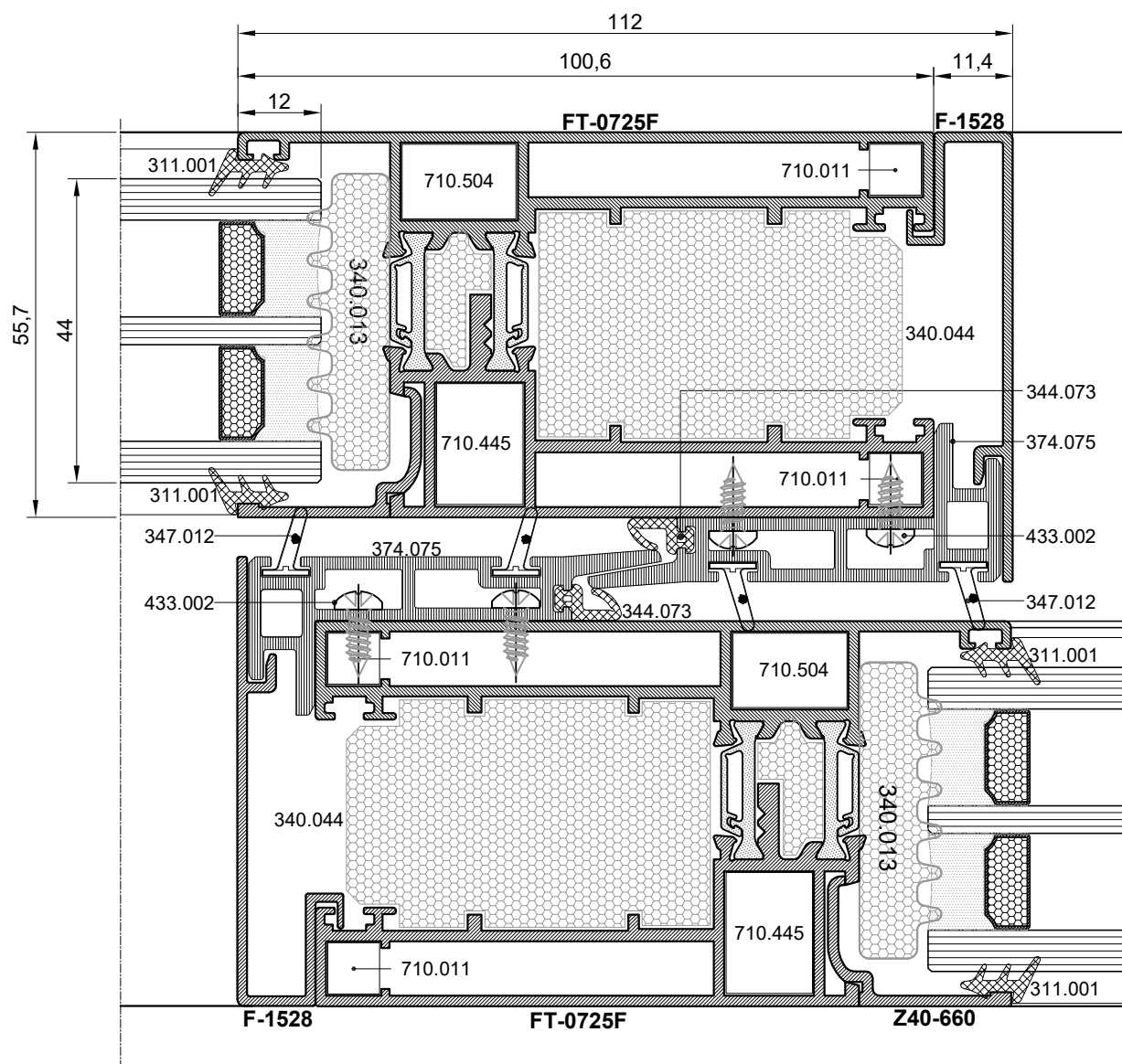




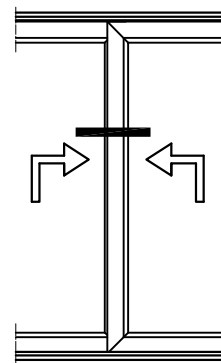
Opis		Oznaka	C (mm)	Kutne spojnice	PVC profili
Ram	dvije staze	FT-0720F	126	730.013	374.051
	tri staze	FT-0721F	196.5	730.013	374.051

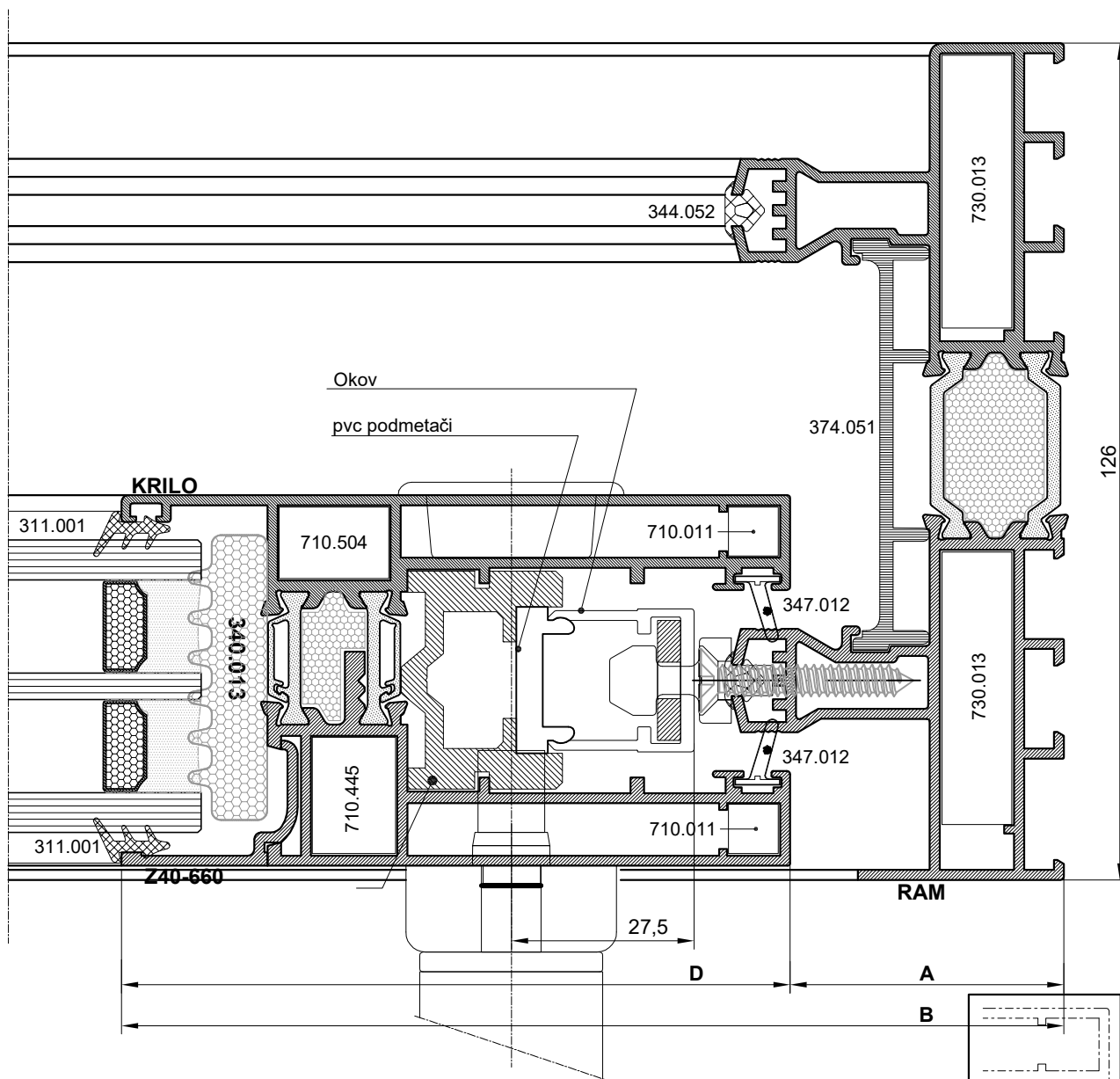
Opis	Oznaka	Okov		A (mm)	B (mm)	D (mm)	Kutne spojnice	Brtvilo između krila i rama	PVC podmetači
<b>Krilo</b>	FT-0725F	149.033 Hautau		41.2	141.8	100.6	710.504 710.445 710.011	347.012 (344.048*)	374.060





Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva	Kutne spojnice	
Krilo	FT-0725F	F-1528	374.075	344.073	347.003	710.504 710.445 710.011	





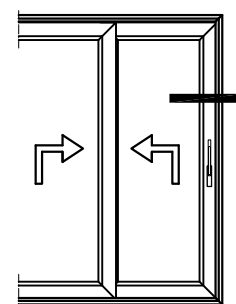
\* opcija

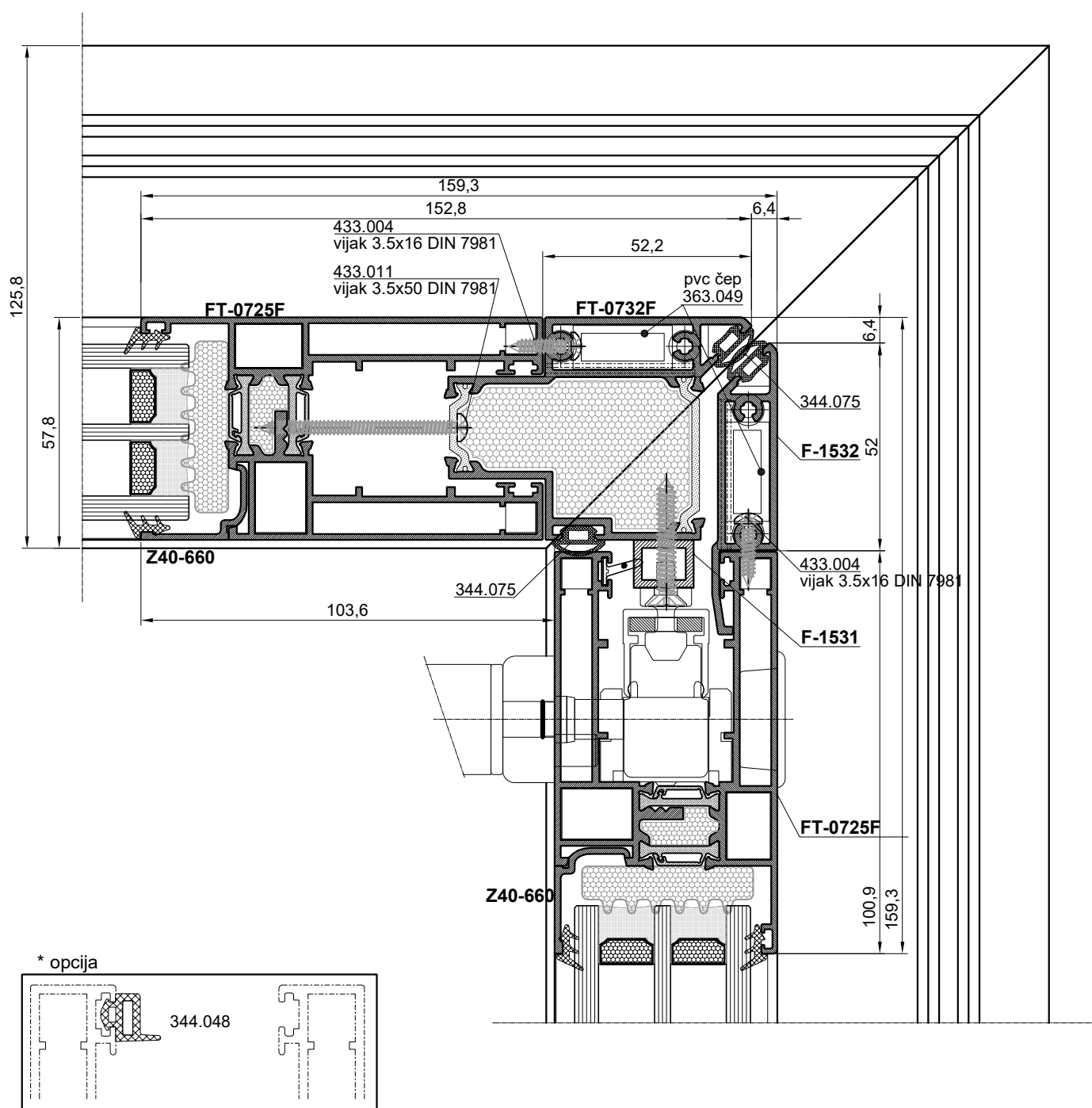
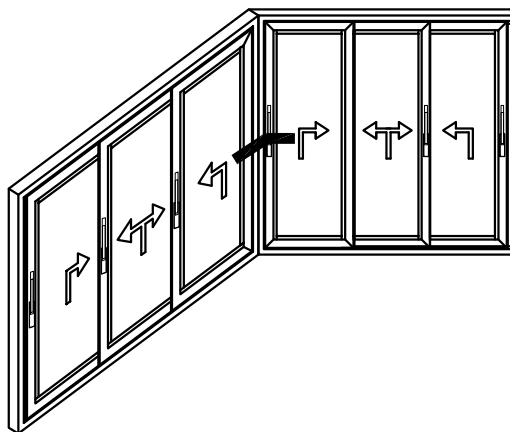
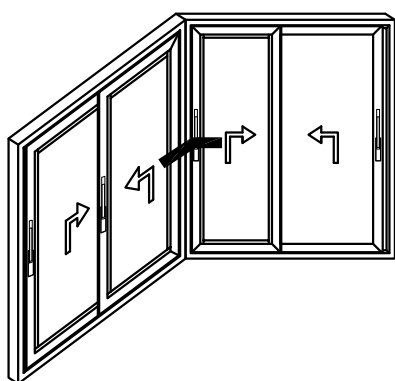
344.048

Opis	Oznaka	C (mm)	Kutne spojnice		PVC profili	
Ram	dvije staze	FT-0720F	126	730.013	374.051	
	tri staze	FT-0721F	196.5	730.013	374.051	

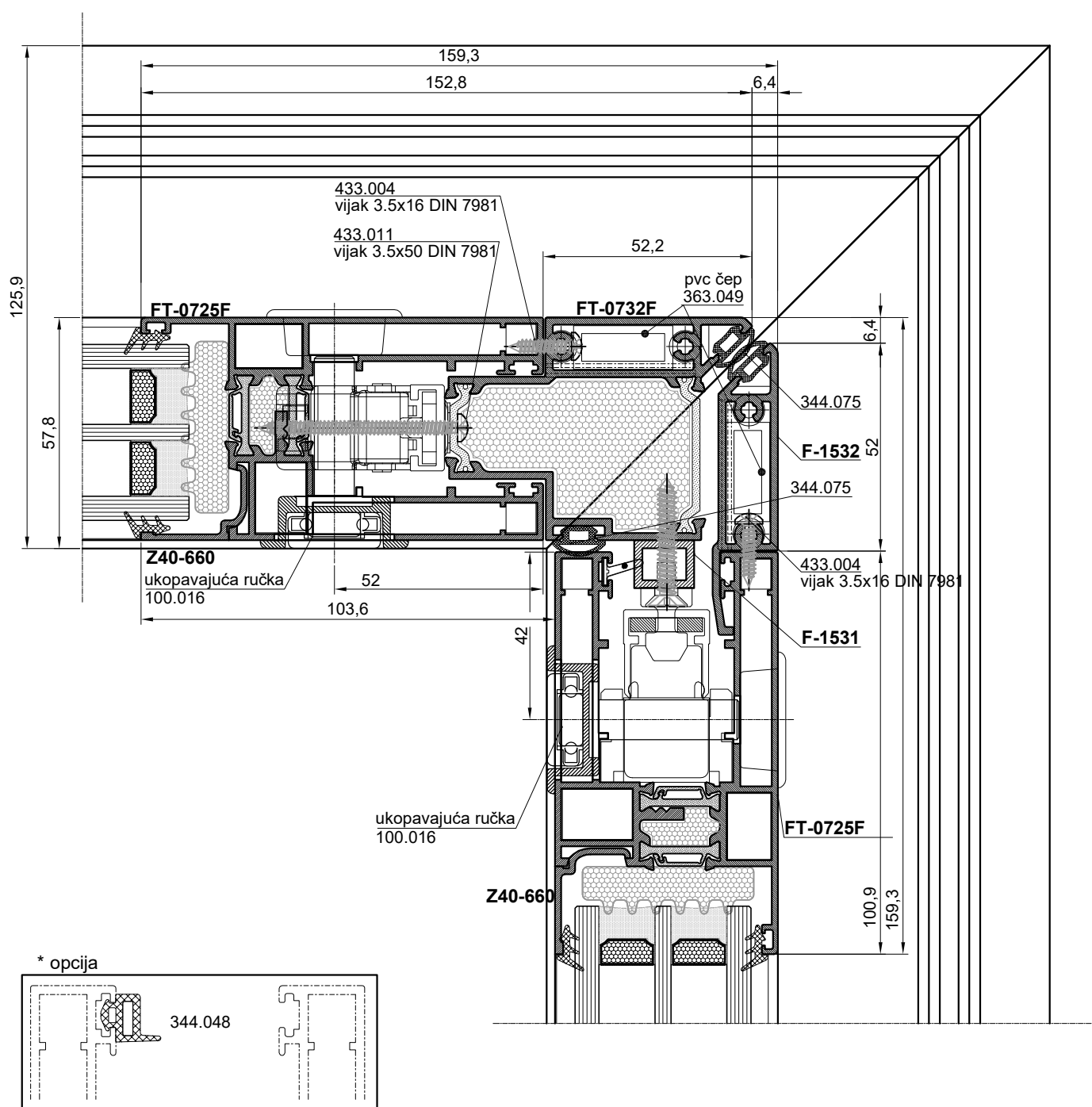
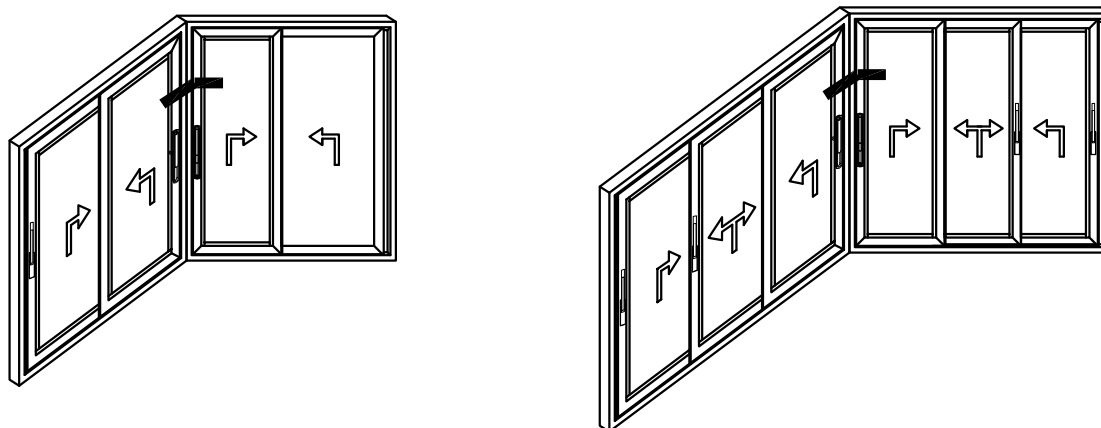
  

Opis	Oznaka	Okov		A (mm)	B (mm)	D (mm)	Kutne spojnice	Brtvalo između krila i rama	PVC podmetači
Krilo	FT-0725F	149.033 Hautau		41.2	141.8	100.6	710.504 710.445 710.011	347.012 (344.048*)	374.060



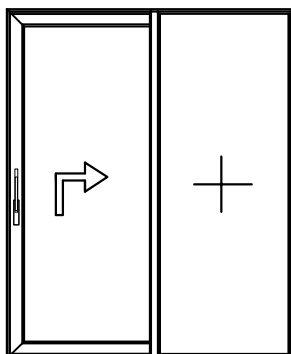




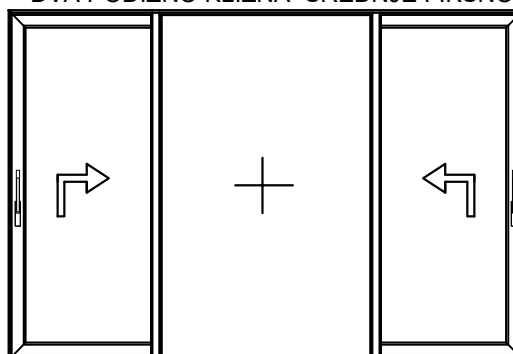




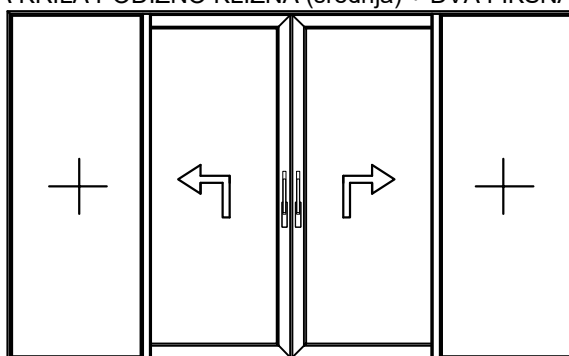
PODIZNO KLIZNO+FIKSNO



DVA PODIZNO KLIZNA+SREDNJE FIKSNO



DVA KRILA PODIZNO KLIZNA (srednja) + DVA FIKSNA (bočna)

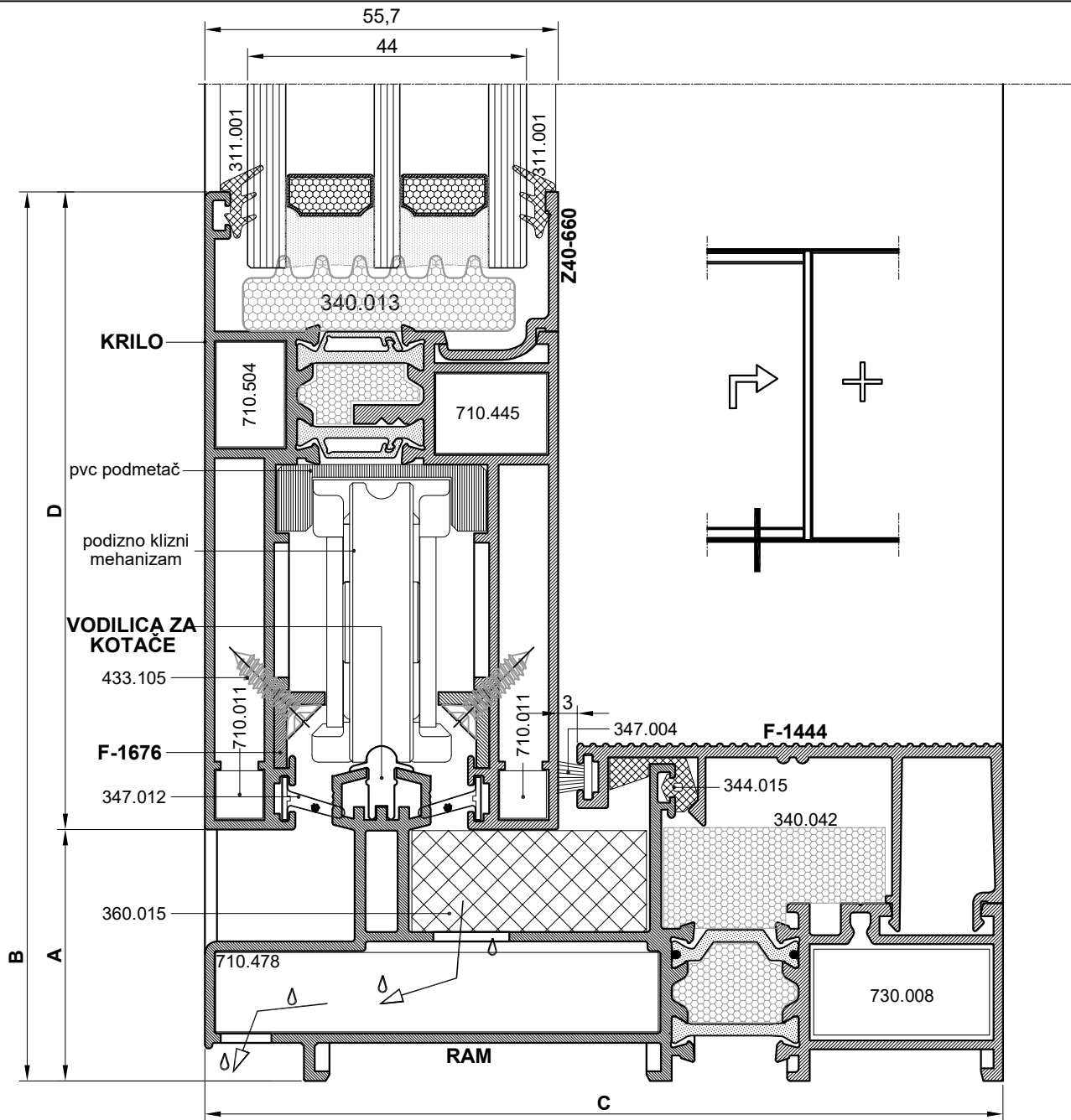

**Podizni klizni sistem:**

**RAM:** - ram sa integriranim fiksnim dijelom (FT-0722F)

**KRILO:** - FT-0725F ..... okov Hautau

**STAKLO:** - troslojno.....debljina 36-43 mm

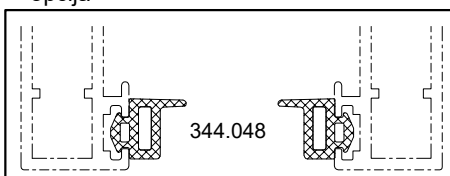


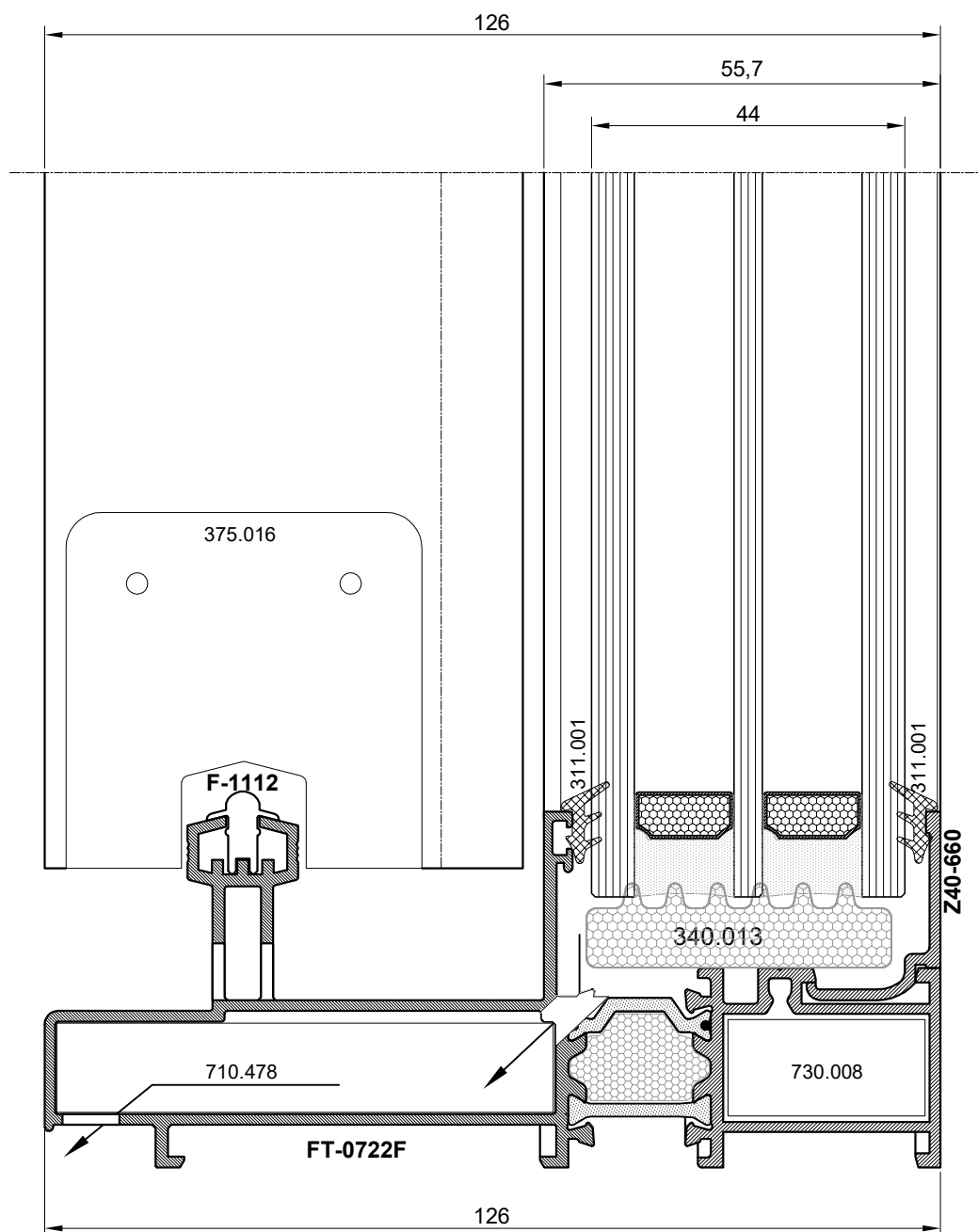


Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0722F	126	710.478 730.008		

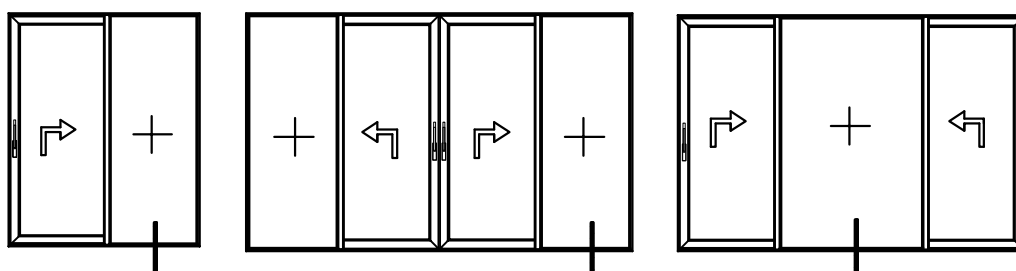
Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	PVC podmetač	Brtvilo između krila i rama
Krilo	FT-0725F	149.033 Hautau	➡	39.7	140.3	100.6	F-1112	710.504 710.445 710.011	374.052	347.012 (344.048*)

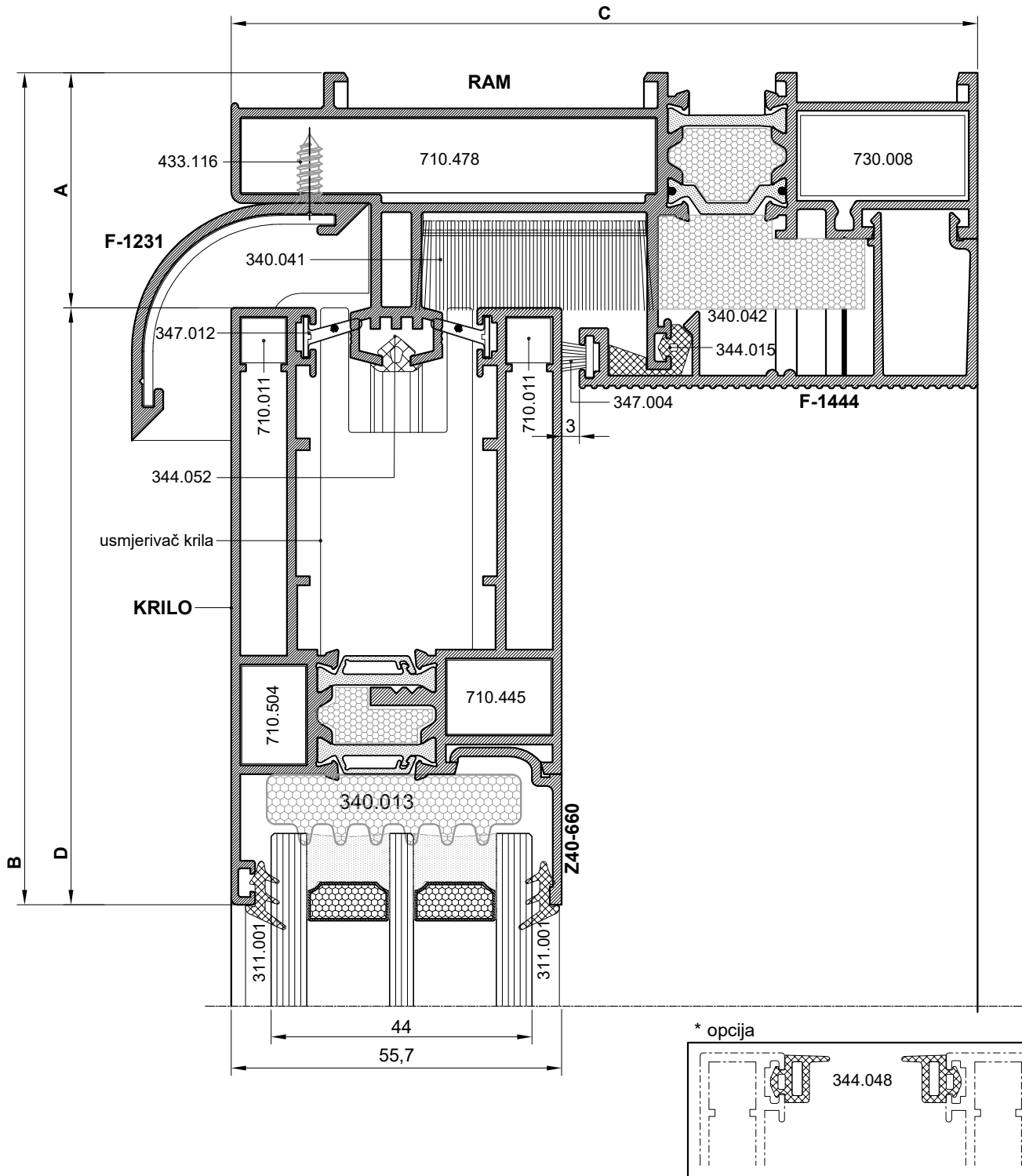
\* opcija



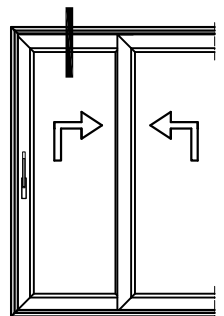


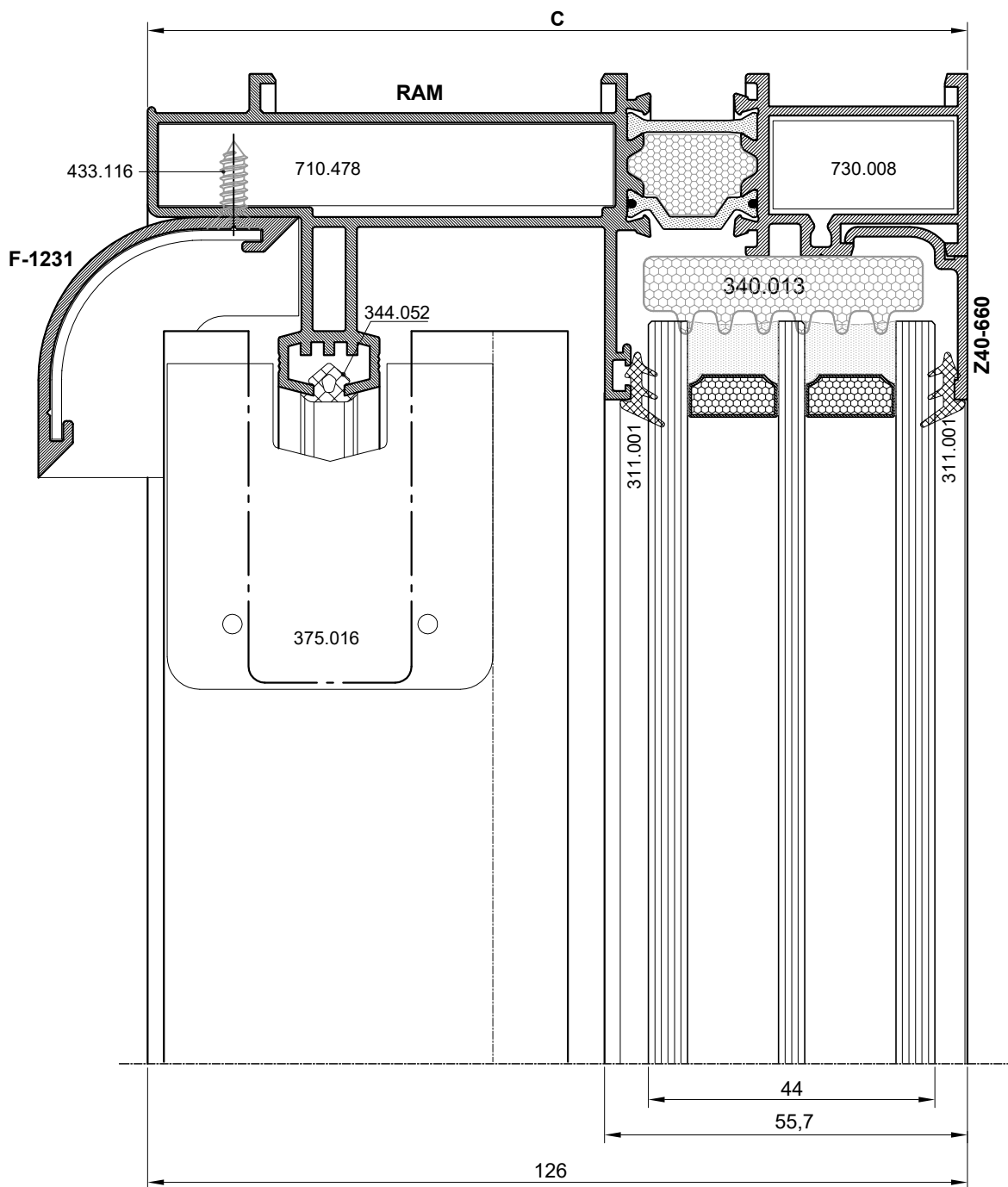
Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0722F	126	710.478 730.008		



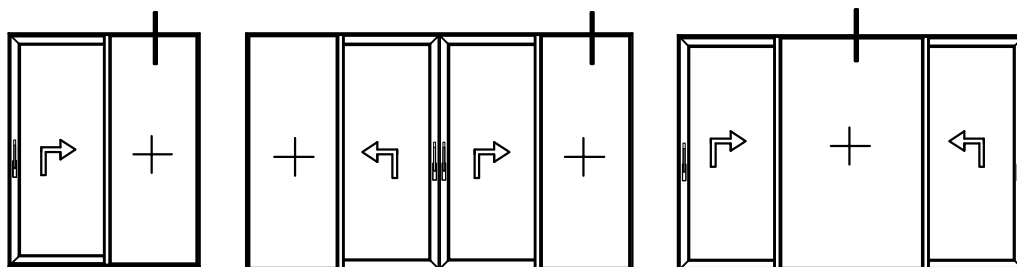


Opis	Oznaka	C (mm)	Kutne spojnice			Maska			
Ram	FT-0722F	126	710.478			F-1444			
			730.008			F-1380			
Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Usmjerivač krila	Kutne spojnice	Brtvilo između krila i rama
Krilo	FT-0725F	149.033 Hautau	➡	40.3	140.9	100.6	373.060	710.504 710.445 710.011	347.012 (344.048*)

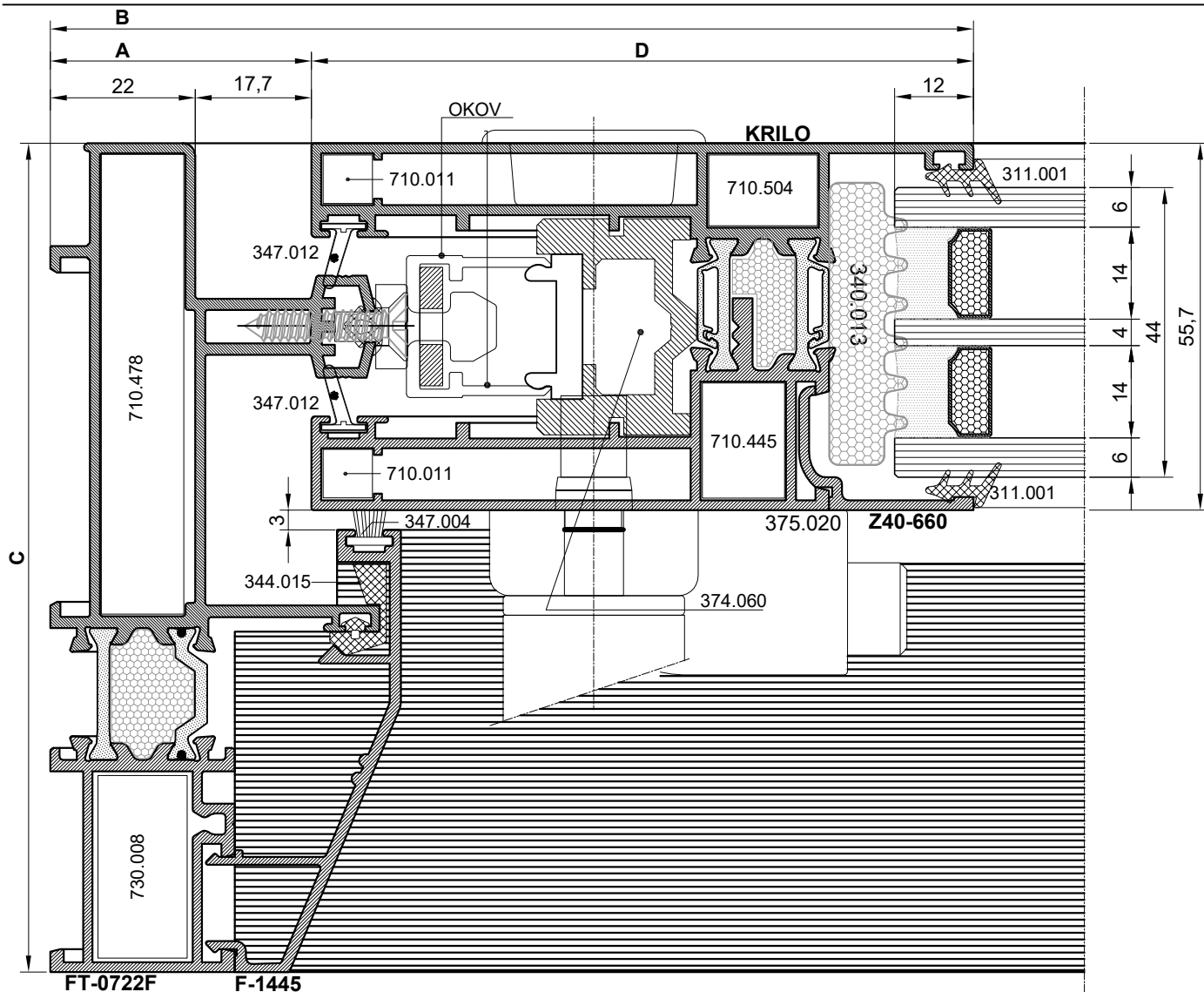




Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0722F	126	710.478 730.008		

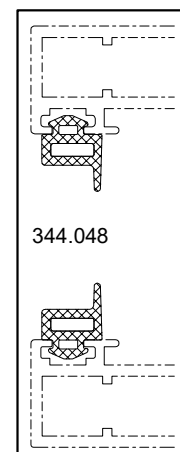
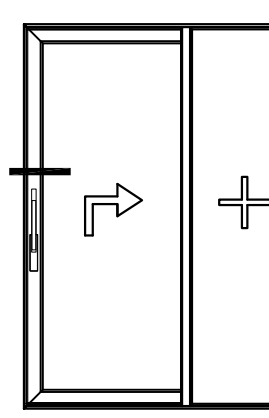




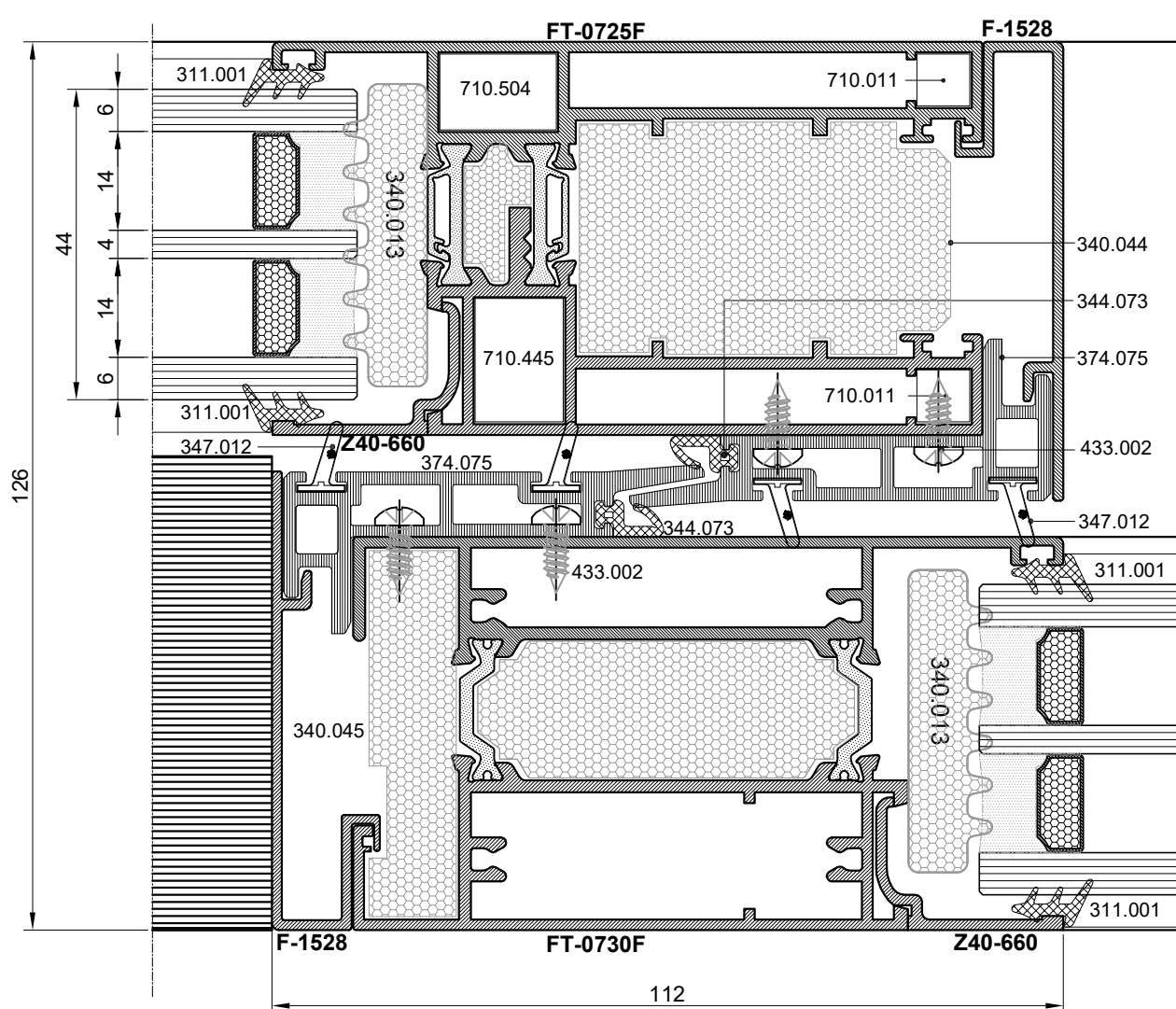


Opis	Oznaka	C (mm)	Kutne spojnice
Ram	FT-0722F	126	710.478 730.008

Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Kutne spojnice	Brtvilo između krila i rama	PVC podmetač
Krilo	FT-0725F	149.033 Hautau	➡	39.5	140.1	100.6	710.504 710.445 710.011	347.012 (344.048*)	374.060

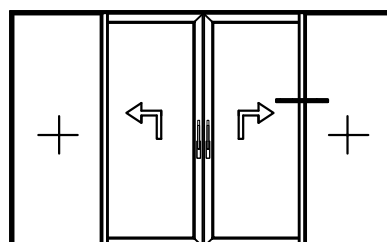
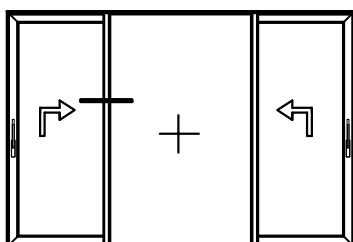
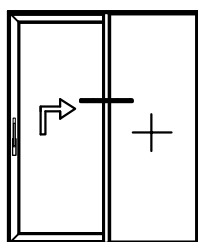


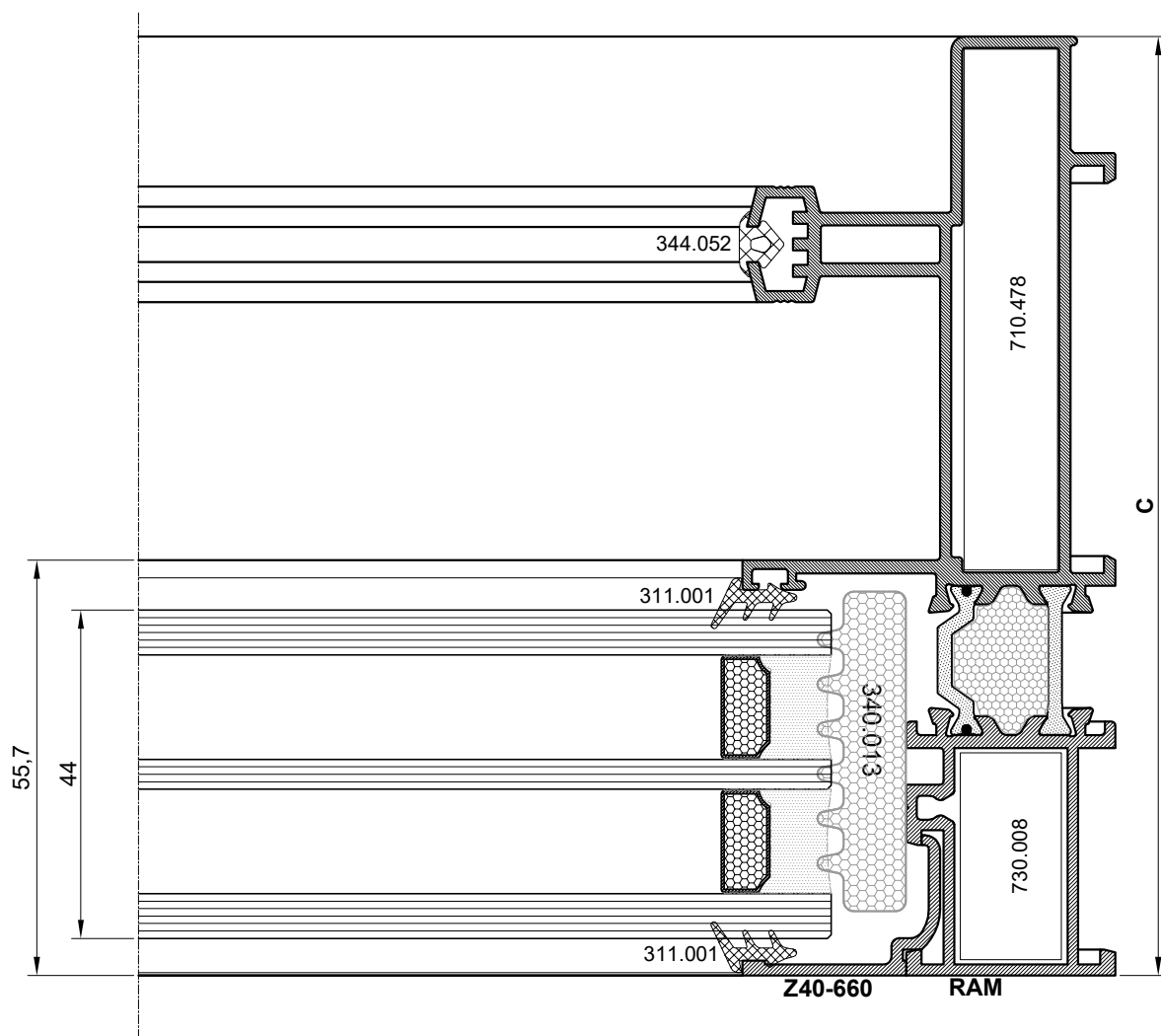
\* opcija



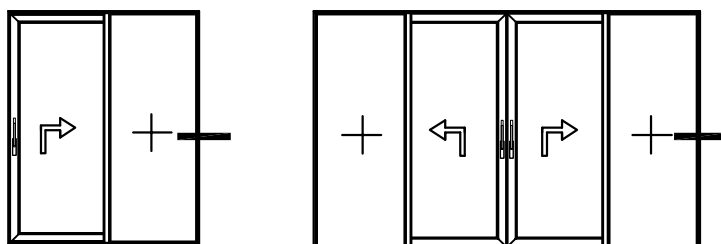
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva	
Prečka	FT-0730F	F-1528	374.075	344.073	347.003	

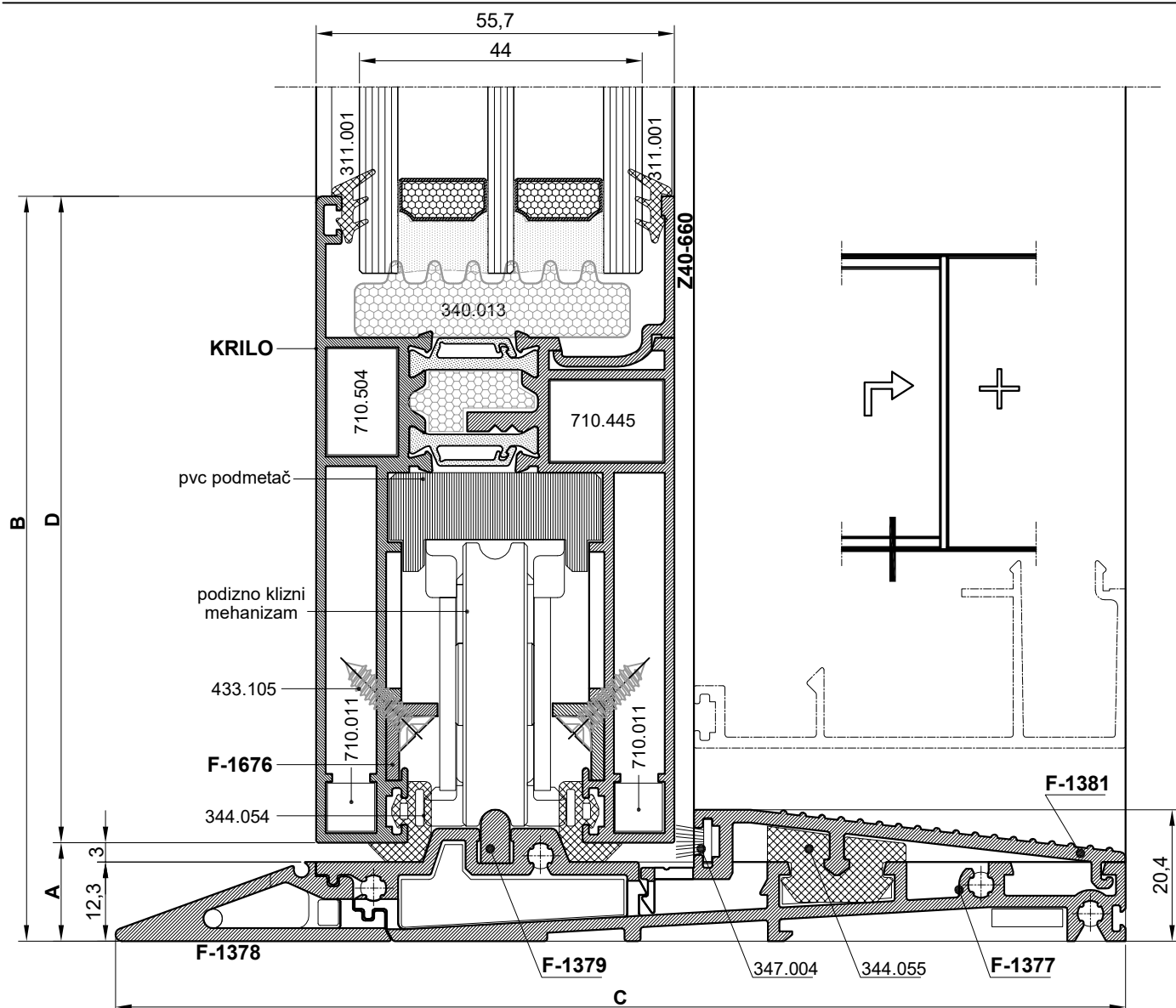
Opis	Oznaka	Maska	Pvc profil	Brtva	Četkasta brtva	
Krilo	FT-0725F	F-1528	374.075	344.073	347.003	





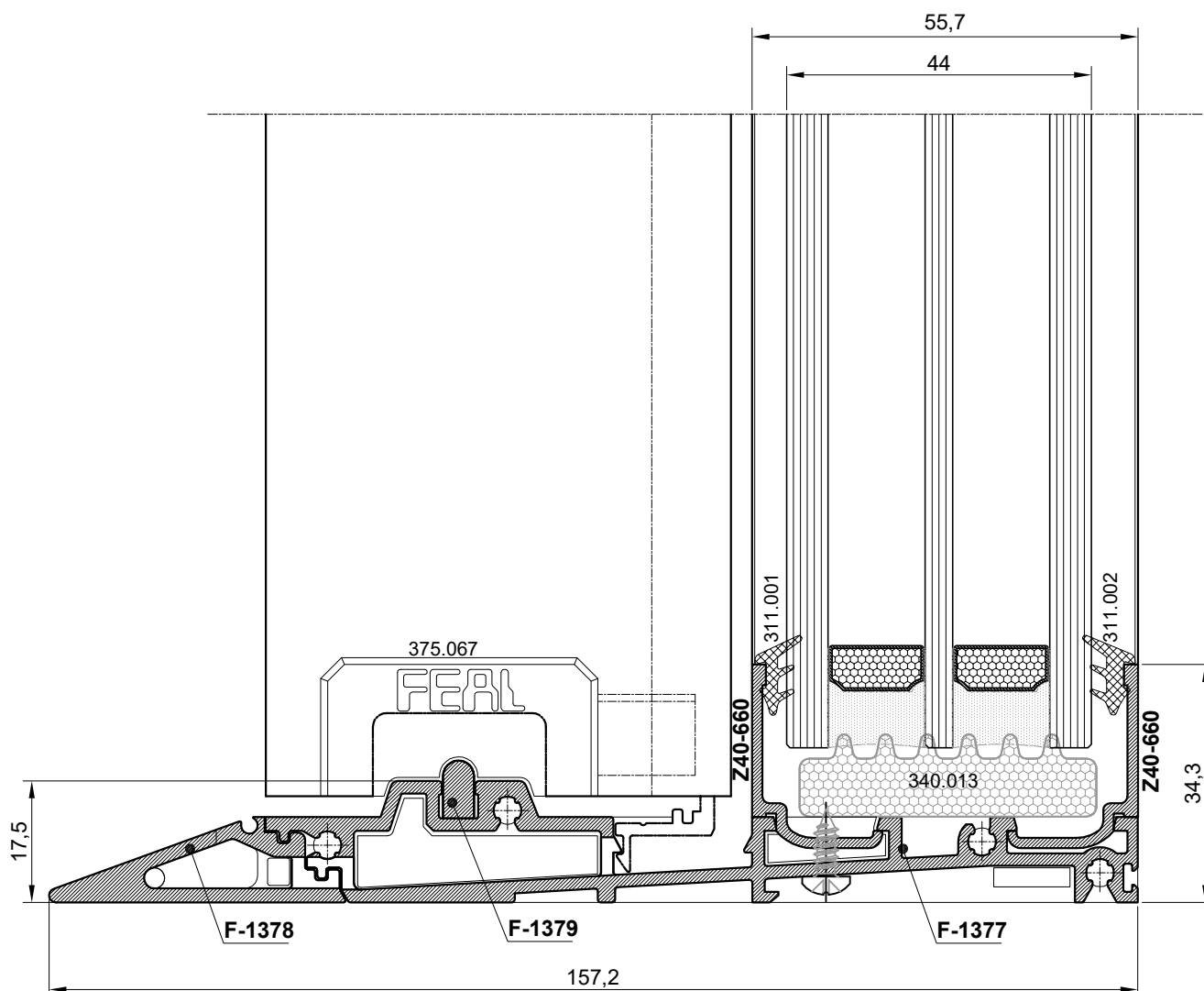
Opis	Oznaka	C (mm)	Kutne spojnice		
Ram	FT-0722F	126	710.478 730.008		



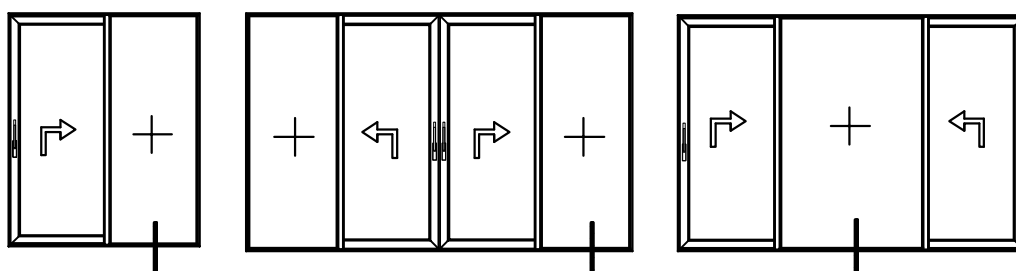


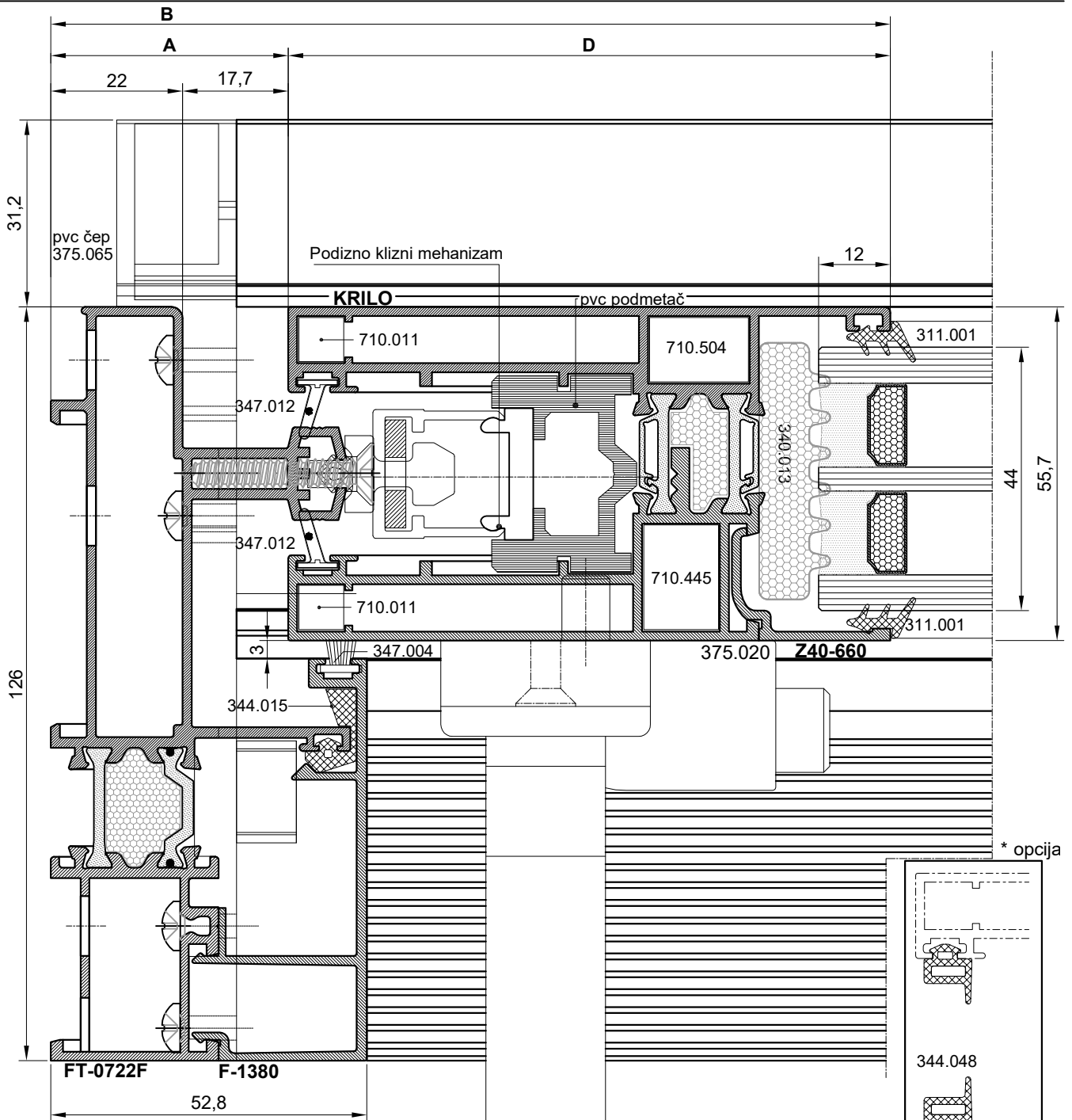
Opis	Oznaka	C (mm)	Spojnica sa ramom		
Ram (niski prag)	F-1377	157	375.065		
	F-1378				

Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Vodilica za kotače	Kutne spojnice	PVC podmetač	Brtvilo između krila i rama
Krilo	FT-0725F	149.033 Hautau	➡	15.3	115.9	100.6	F-1379	710.504 710.445 710.011	374.068	344.054



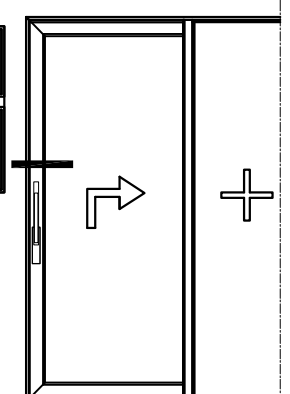
Opis	Oznaka	C (mm)	Spojnica sa ramom
Ram (niski prag)	F-1377	157	375.065
	F-1378		

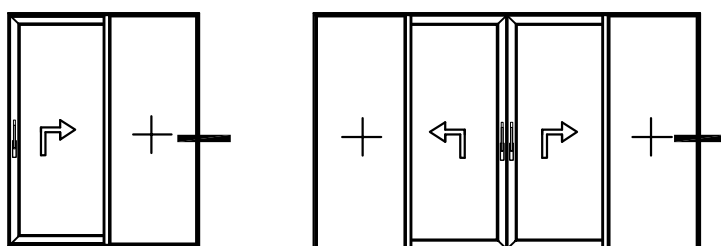
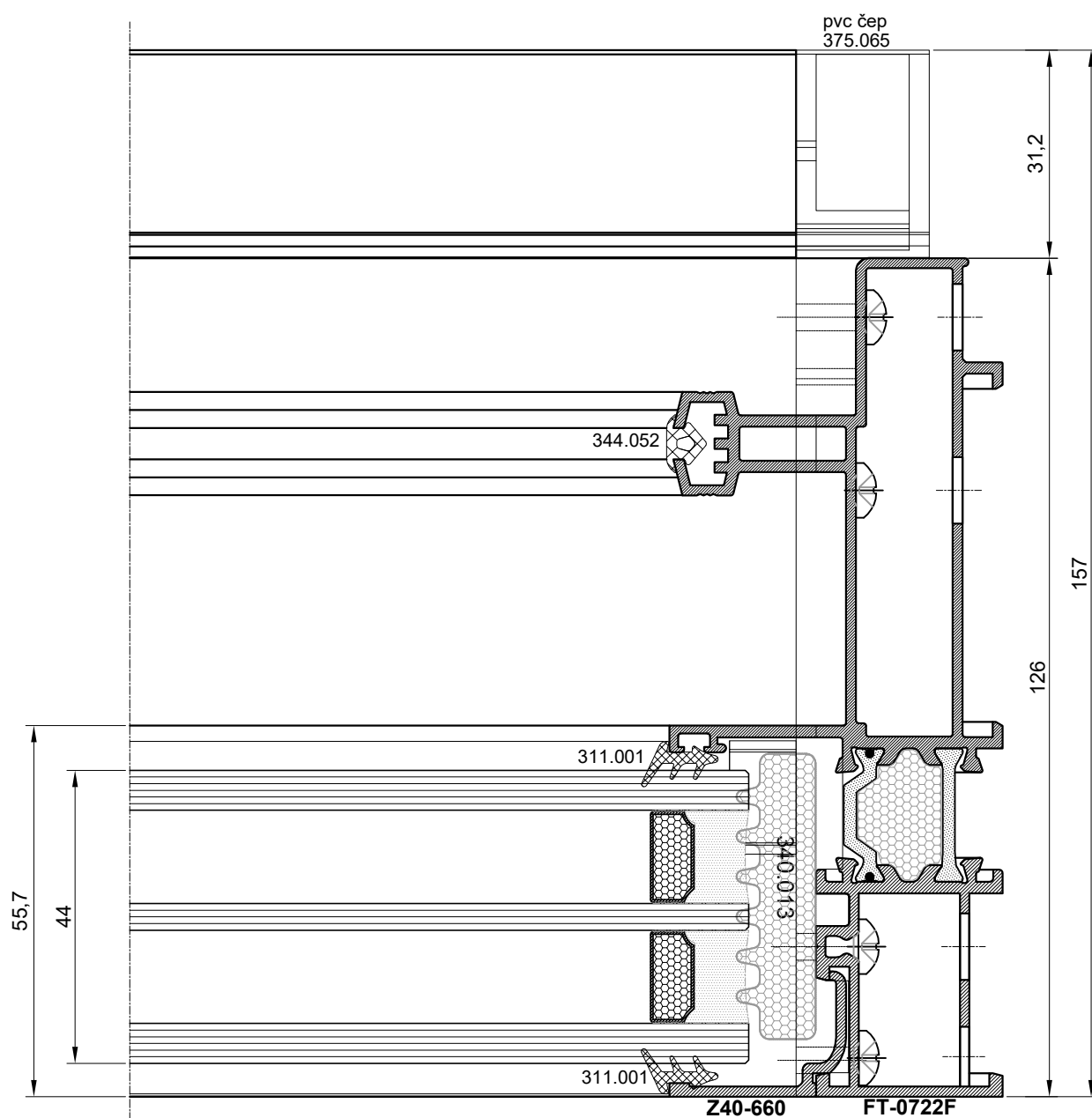


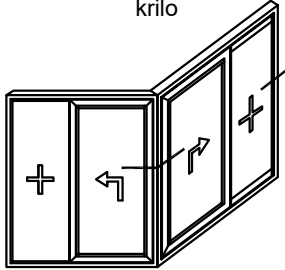
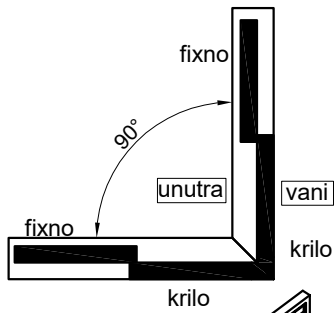


Opis	Oznaka	C (mm)	Kutne spojnice	Spojnica sa ramom	
Ram	FT-0722F	126	710.478 730.008	375.065	

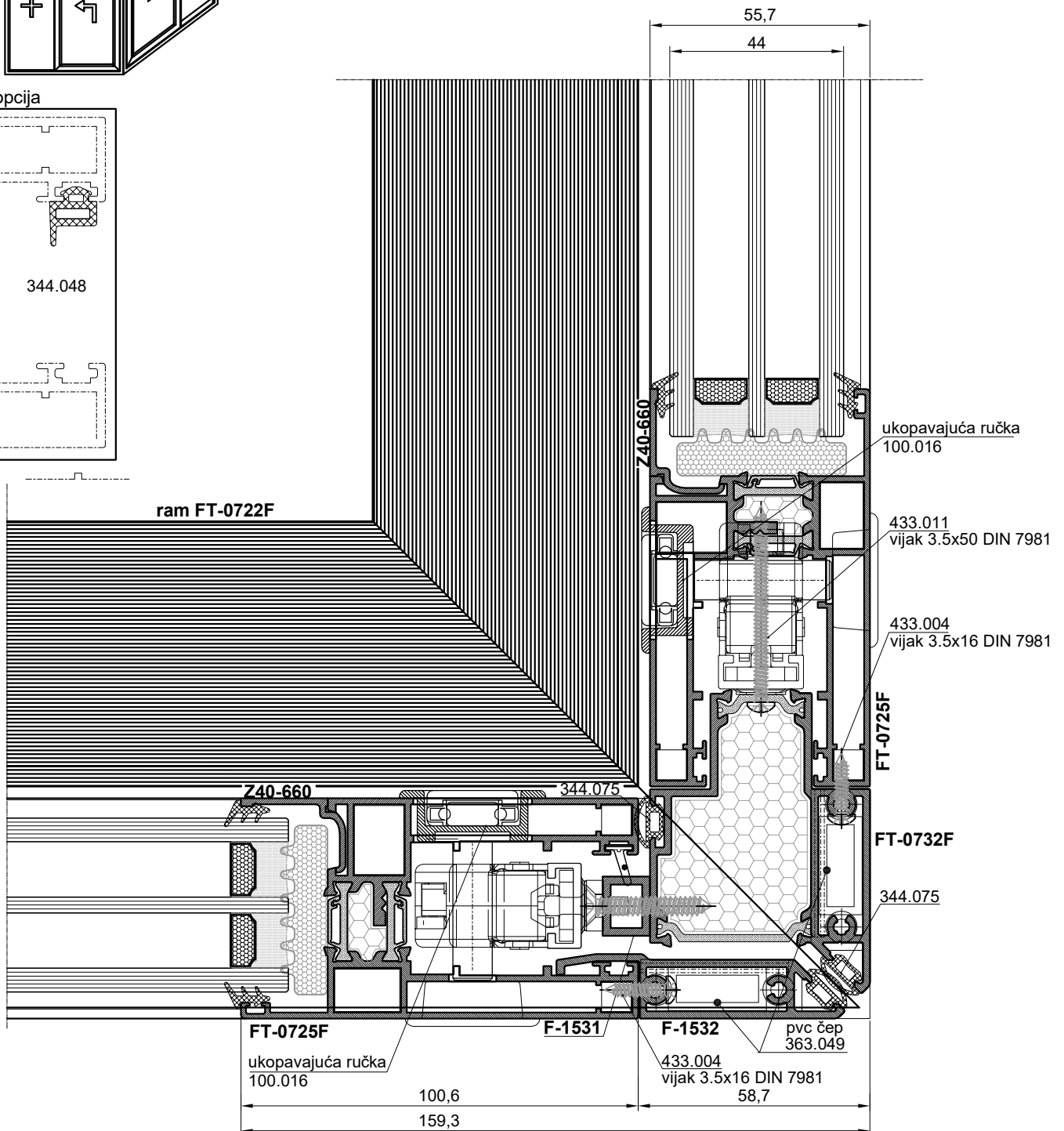
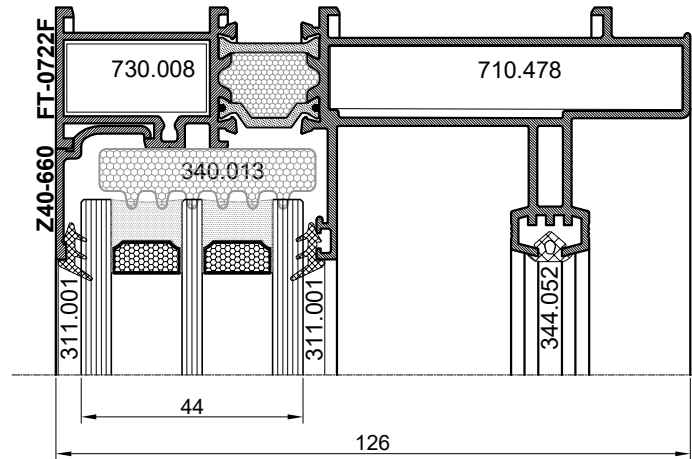
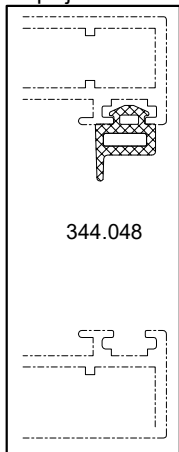
Opis	Oznaka	Okov	➡	A (mm)	B (mm)	D (mm)	Kutne spojnice	Brtvilo između krila i rama	PVC podmetač
Krilo	FT-0725F	149.033 Hautau	➡	39.5	140.1	100.6	710.504 710.445 710.011	347.012 (344.048*)	374.060



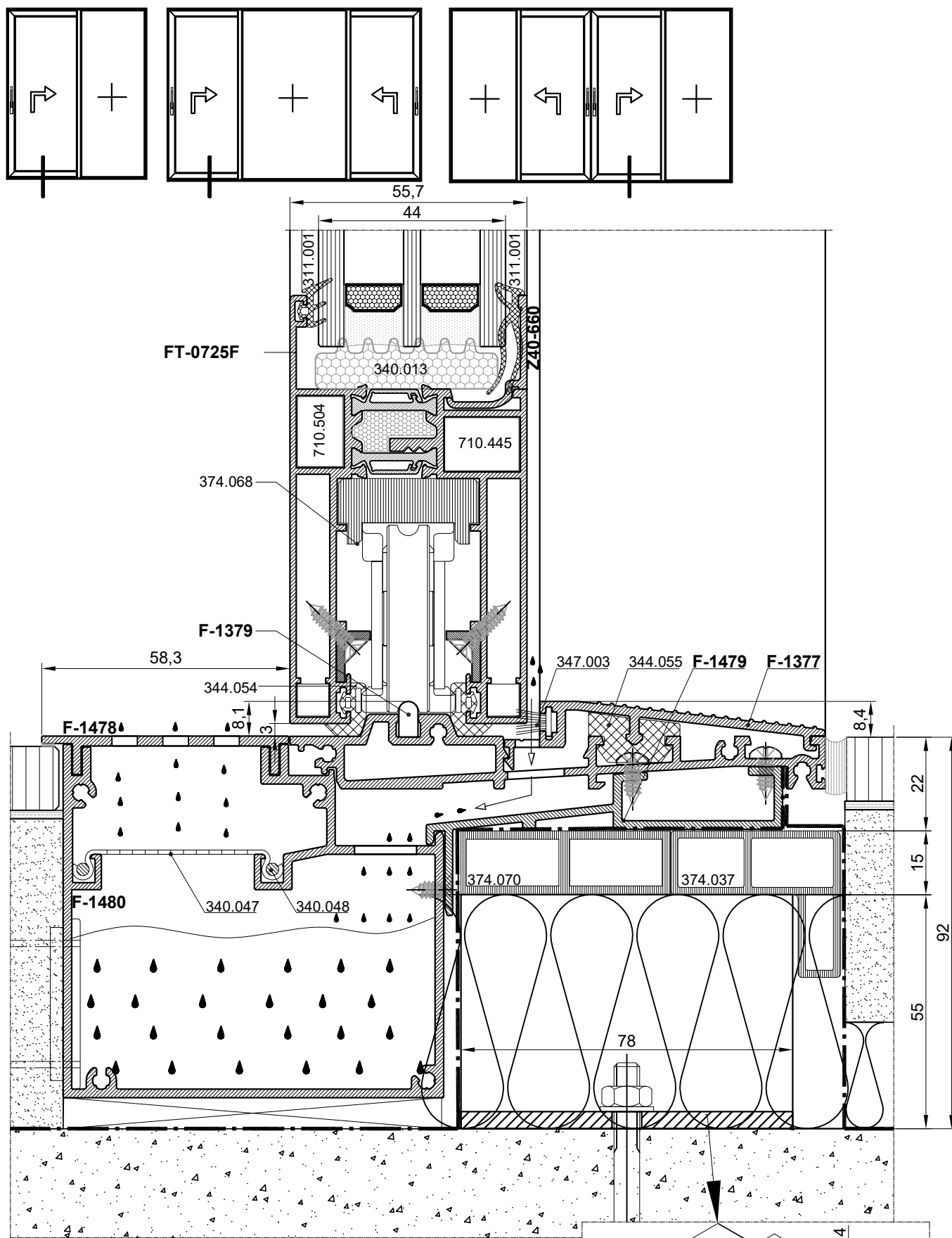




\* opcija

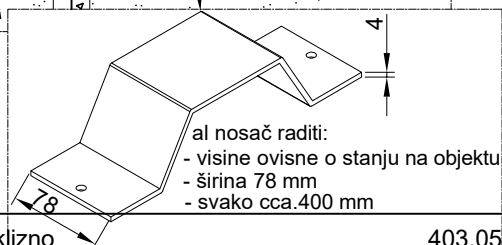


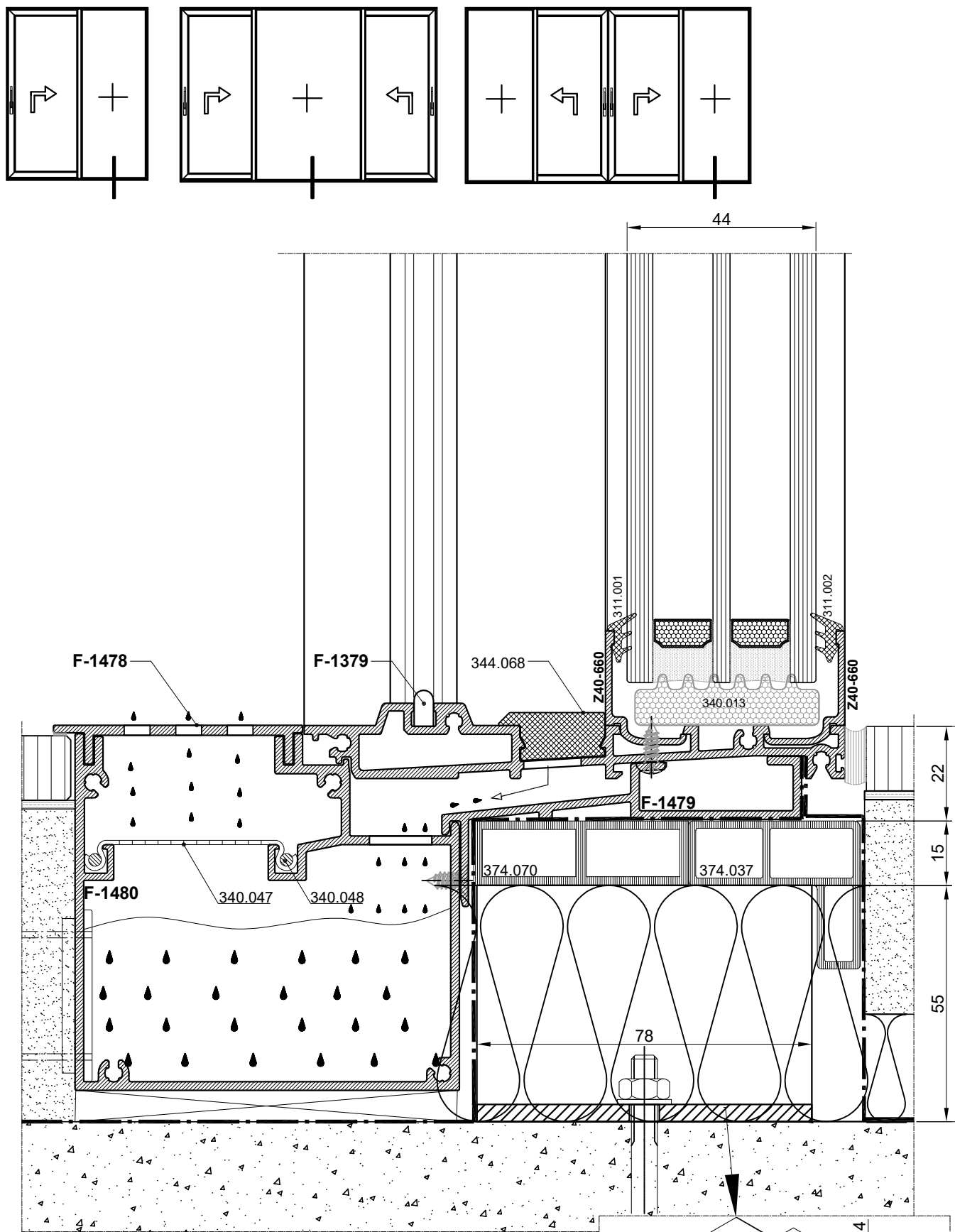




### Napomena:

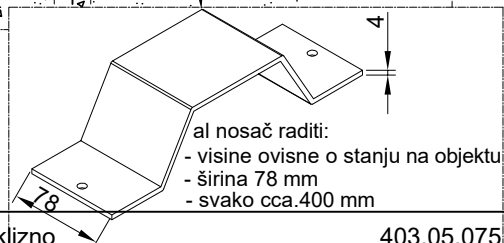
- Montaža vrata sa dodatnim profilom za sakupljanje kapljevina
- Visina praga u odnosu na kotu gotova poda 9 mm.



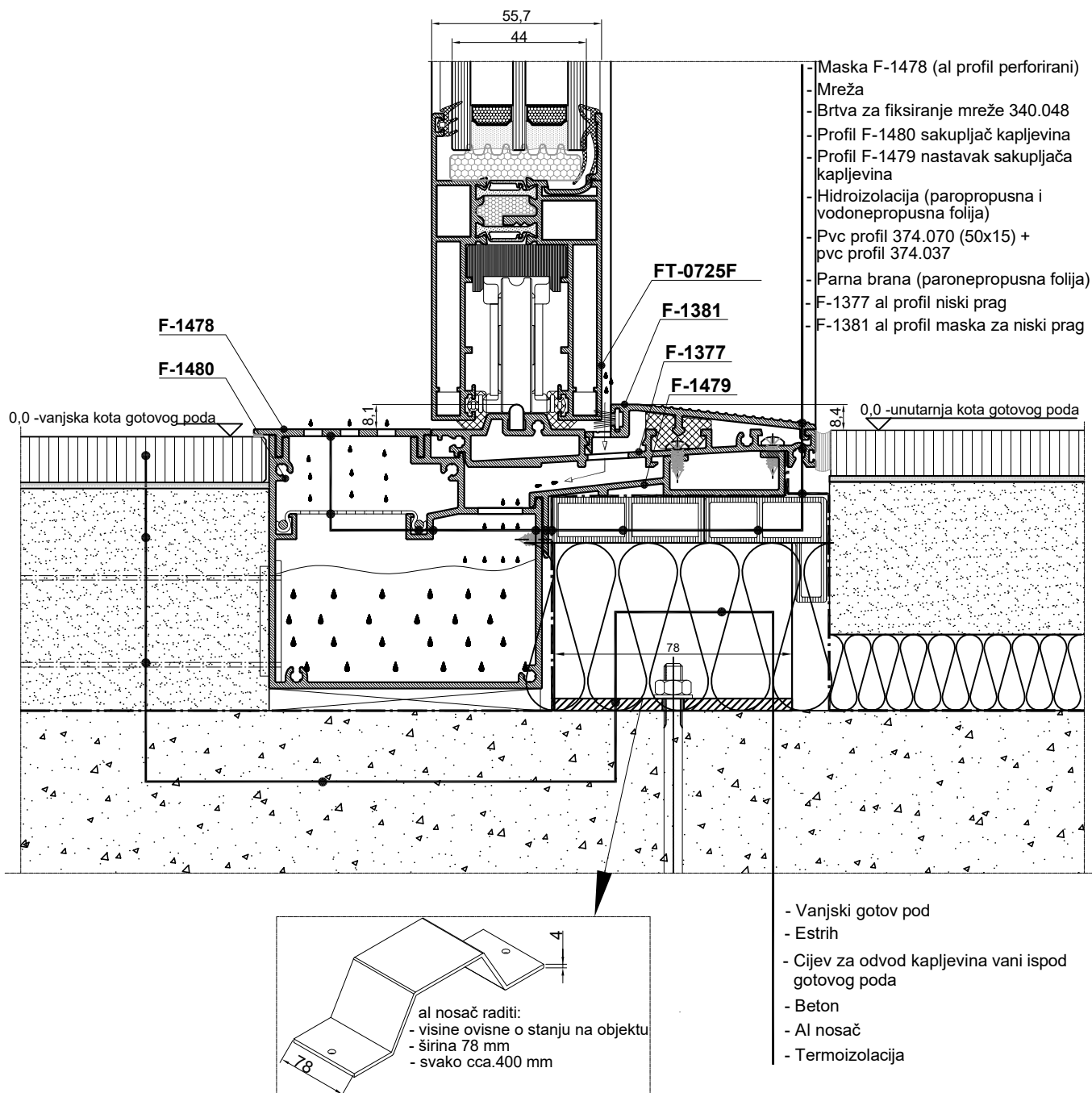
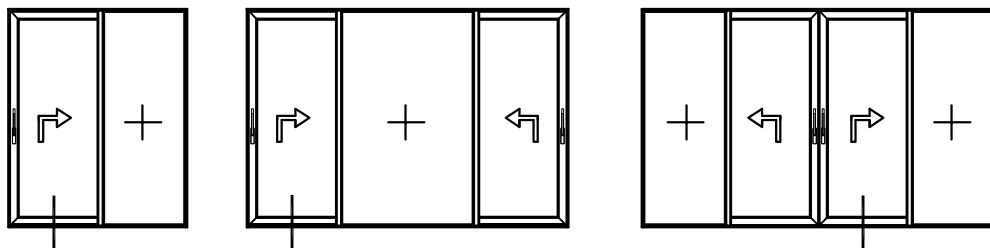


### Napomena:

- Montaža vrata sa dodatnim profilom za sakupljanje kapljevina
- Visina praga u odnosu na kotu gotova poda 9 mm.



- al nosač raditi:
- visine ovisne o stanju na objektu
  - širina 78 mm
  - svako cca.400 mm

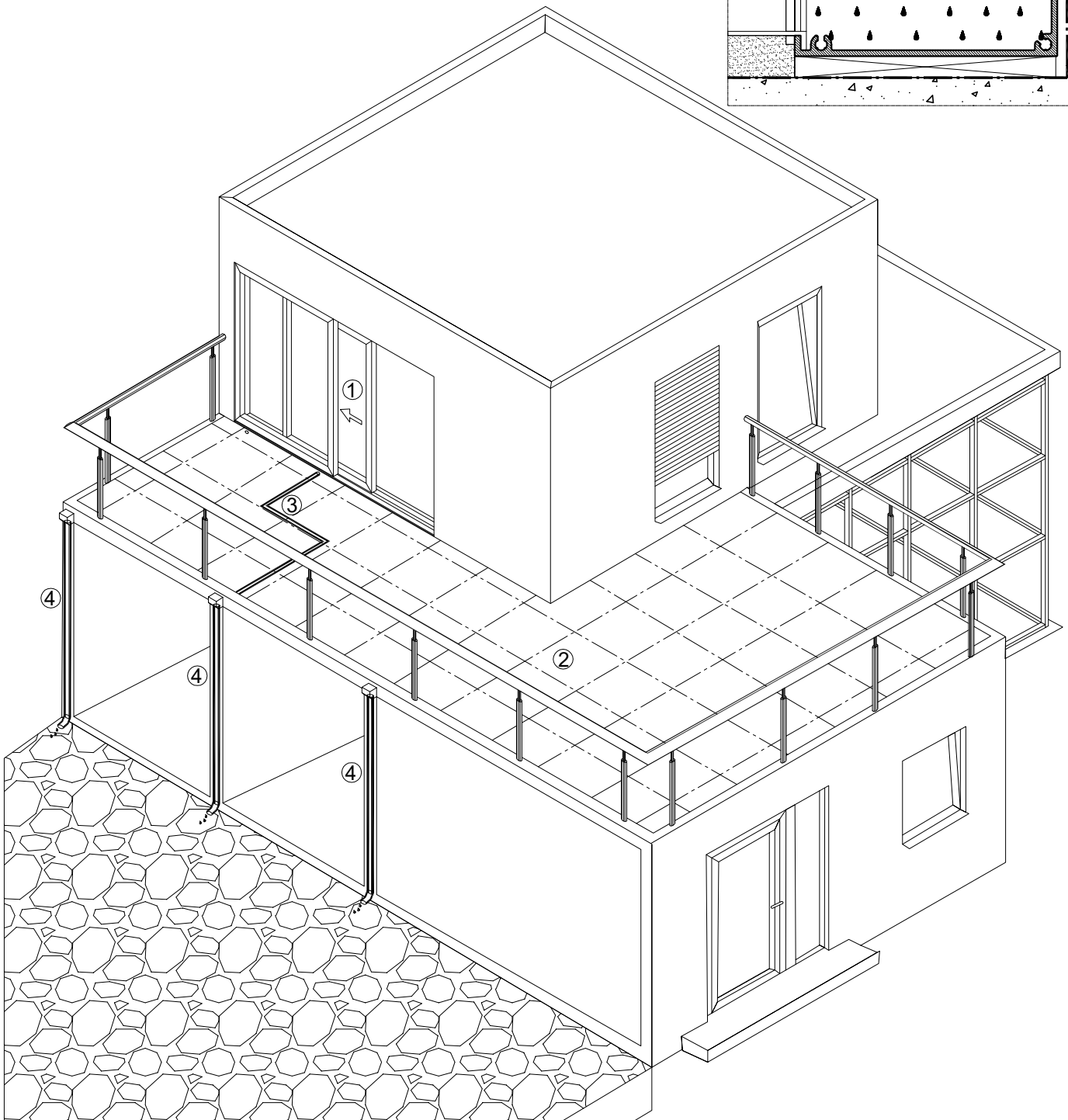
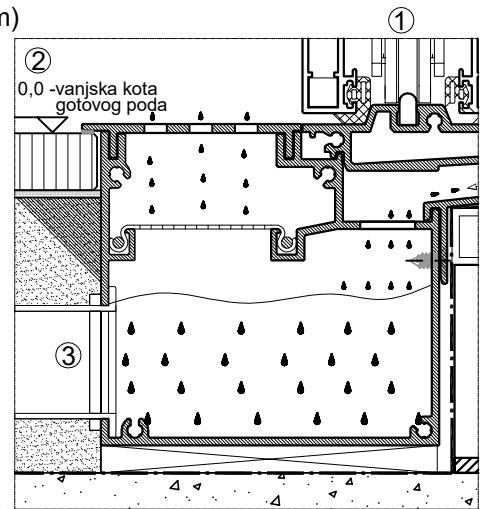


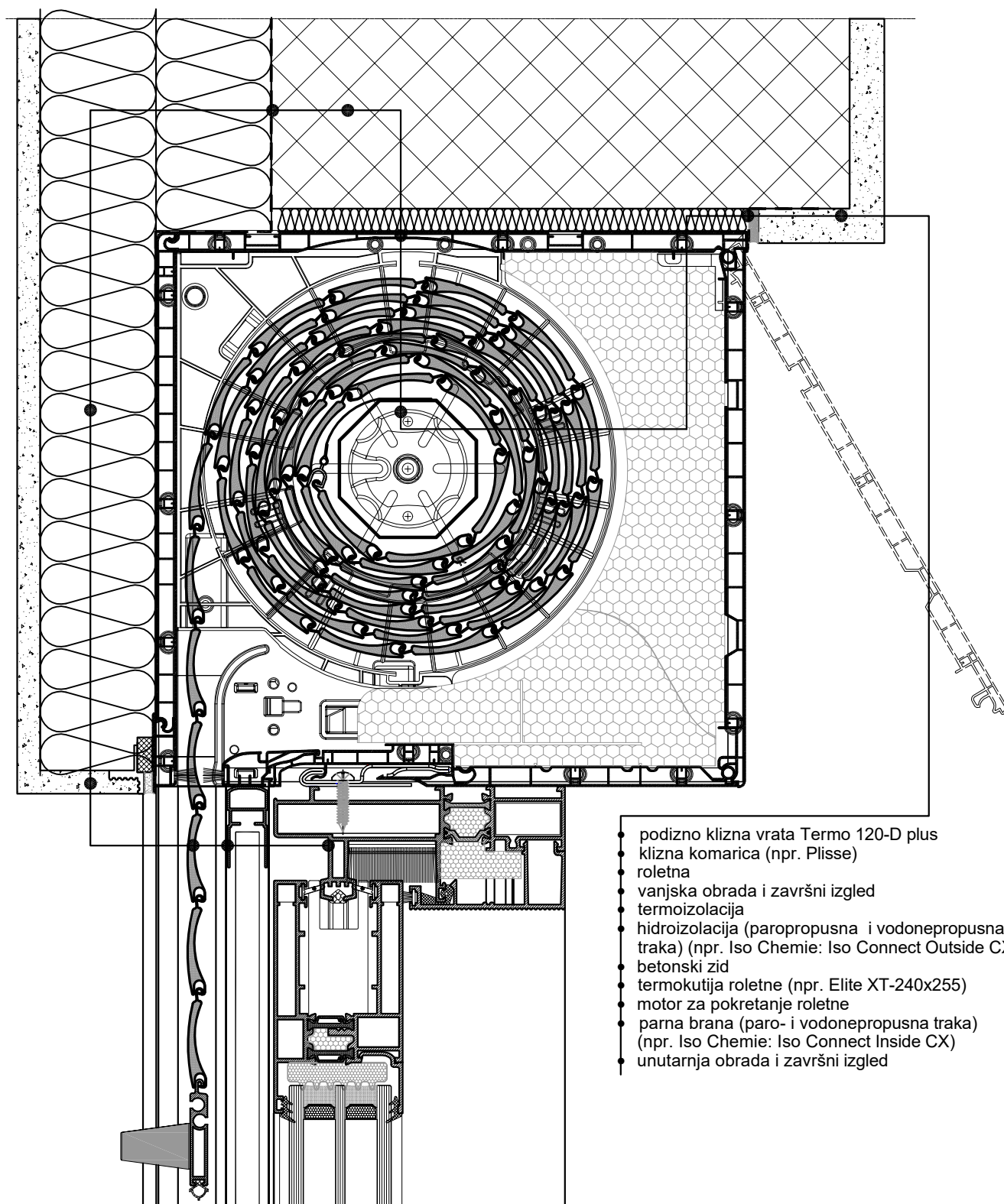
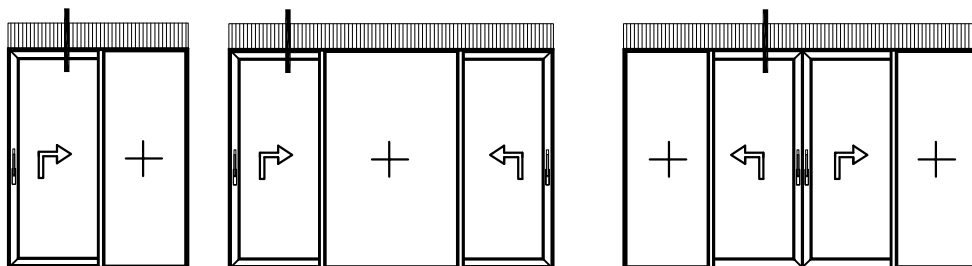
### Napomena:

- Montaža vrata sa dodatnim profilom za sakupljanje kapljevina
- Visina praga u odnosu na kotu gotova poda 9 mm.

Prikaz odvodnje vode sa dodatnim profilom za sakupljanje kapljevina za klizne sistema (niske pragove do 10 mm):

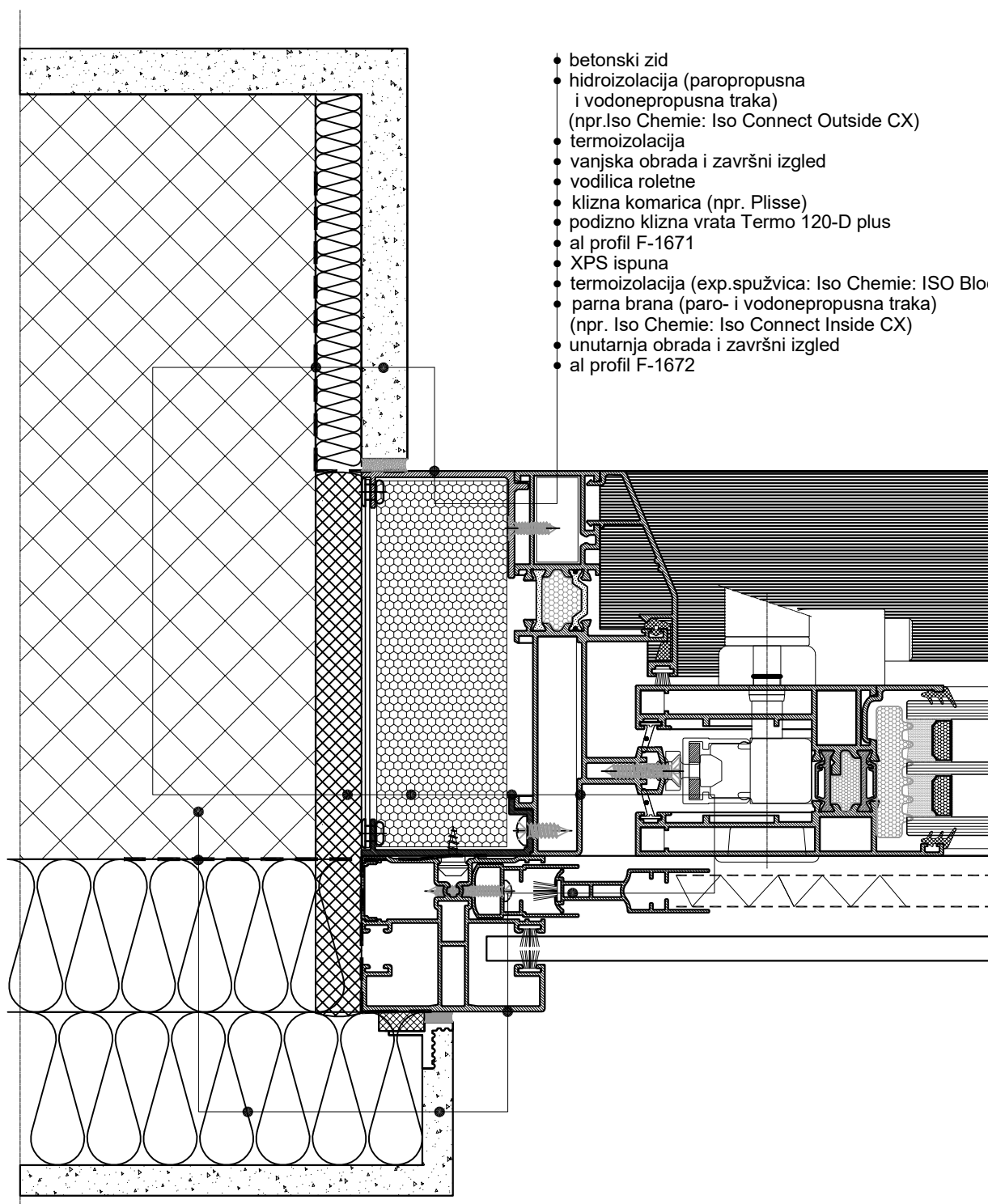
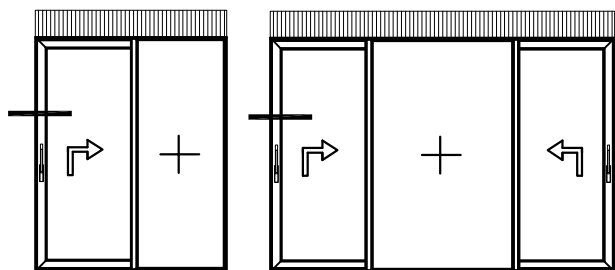
- 1 - klizni sistemi (ugradnja sa visinom praga u odnosu na gotov pod do 10 mm)
- 2 - terasa
- 3 - cijev za odvod kapljevina iz kliznog sistema preko dodatnog profila za sakupljanje kroz estrih (preko terase) u svodnu cijev za oborinske vode
- 4 - svodne cijevi za oborinske vode



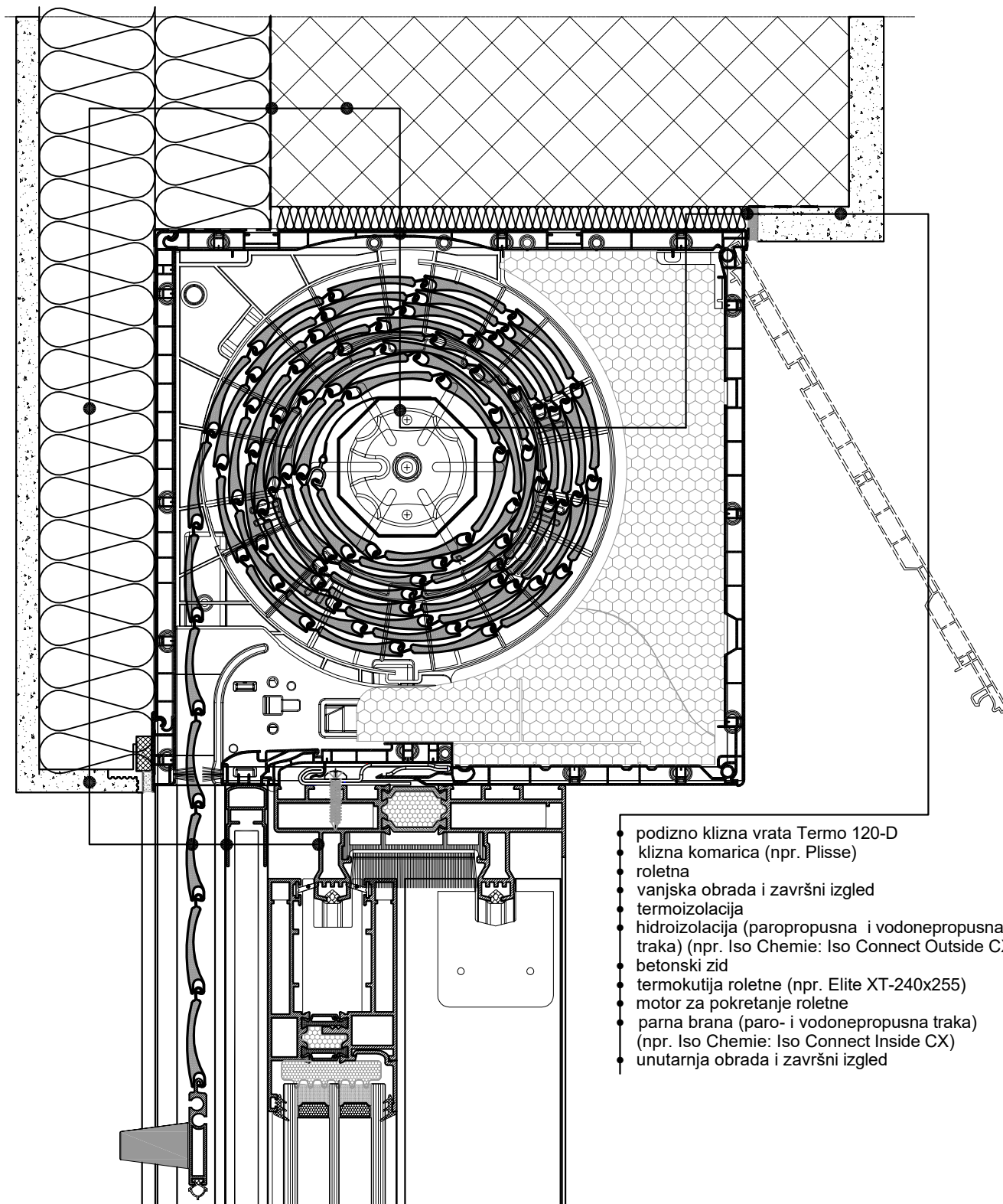
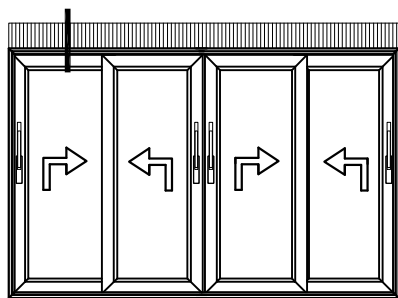
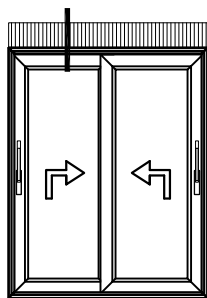


- podizno klizna vrata Termo 120-D plus
- klizna komarica (npr. Plisse)
- roletna
- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- betonski zid
- termokutija roletne (npr. Elite XT-240x255)
- motor za pokretanje roletne
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled

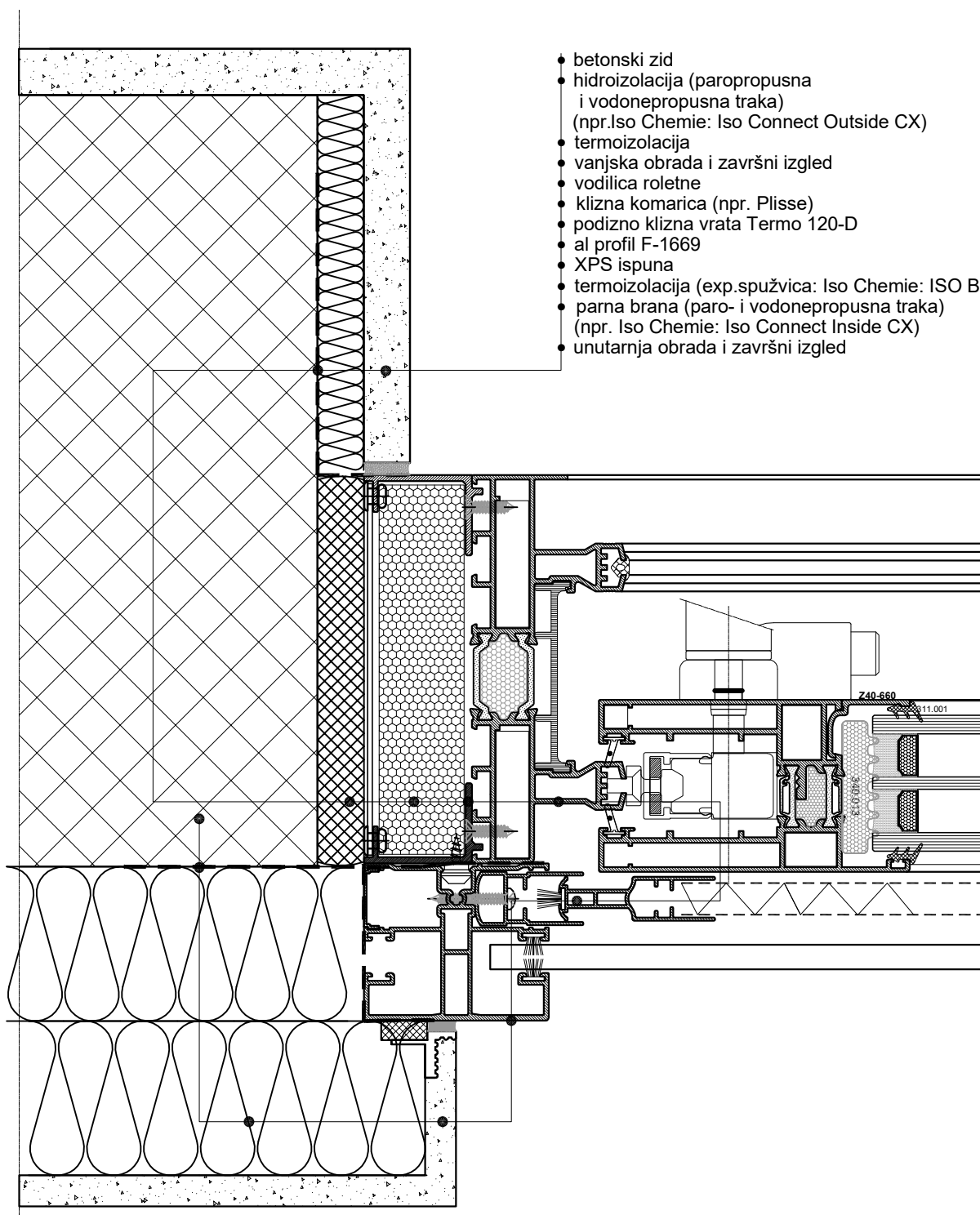
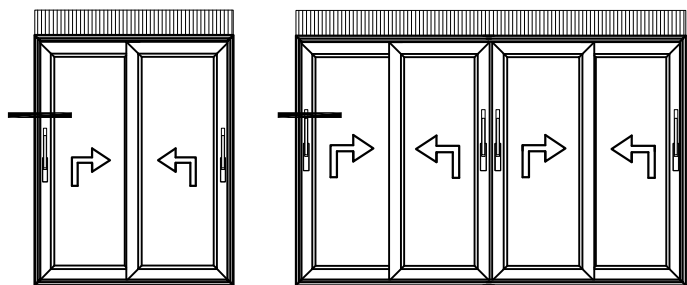




- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- podizno klizna vrata Termo 120-D plus
- al profil F-1671
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- al profil F-1672

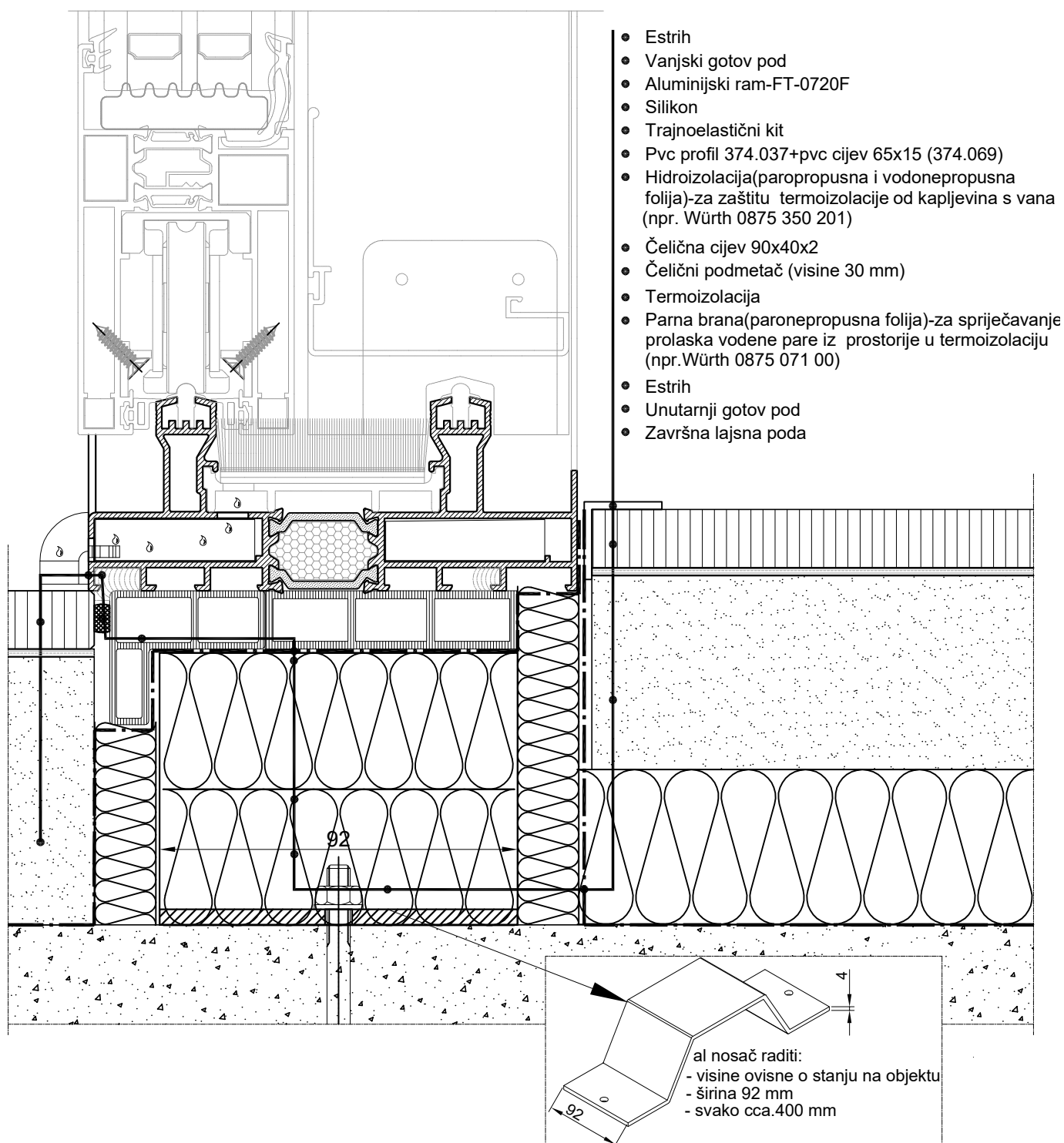
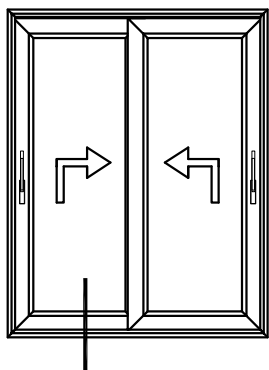


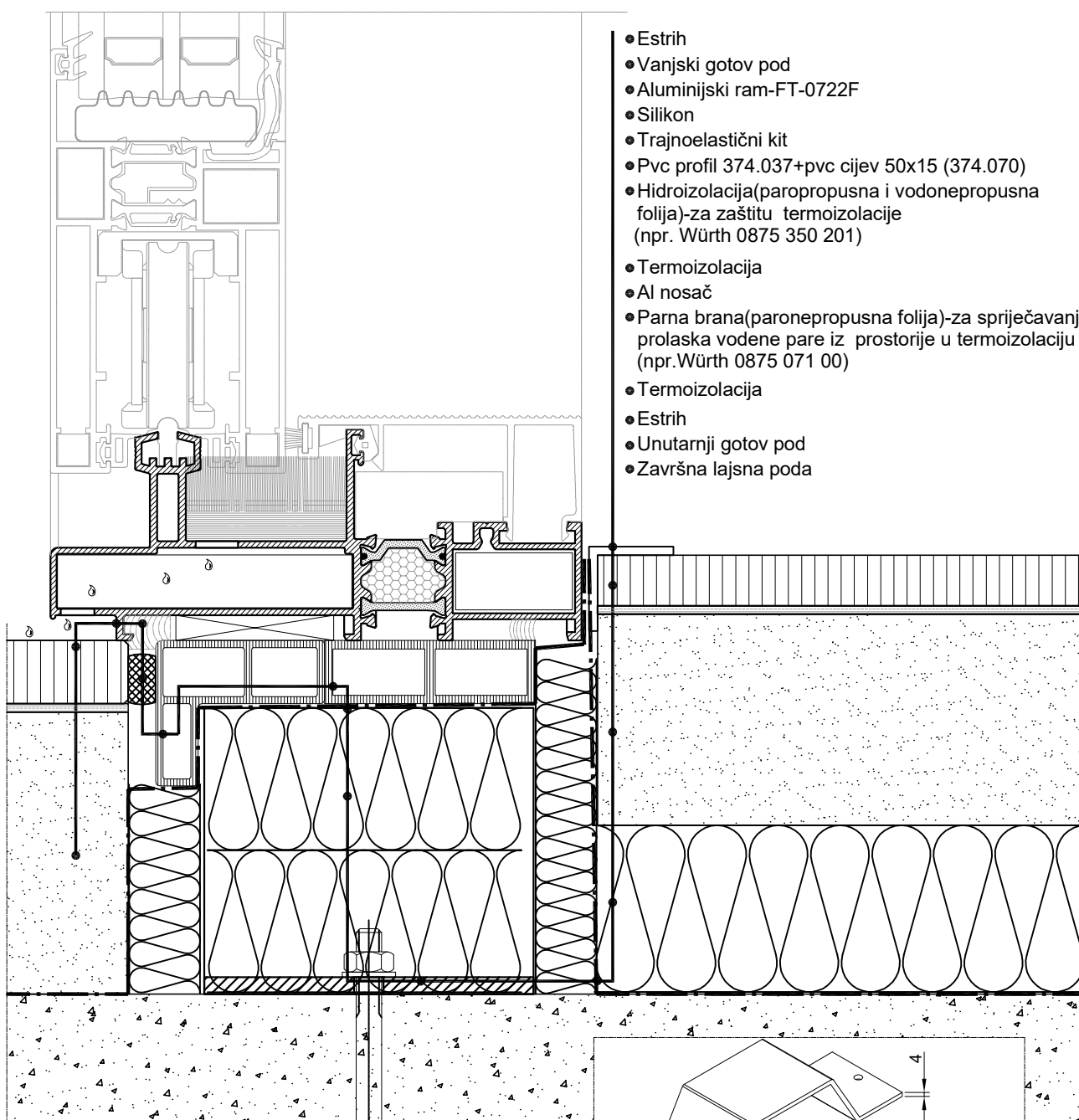
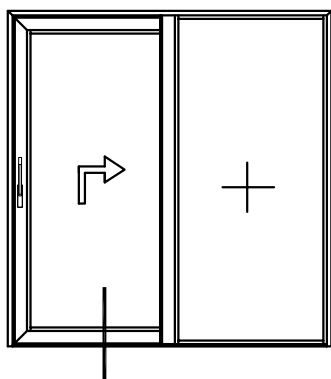
- podizno klizna vrata Termo 120-D
- klizna komarica (npr. Plisse)
- roletna
- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- betonski zid
- termokutija roletne (npr. Elite XT-240x255)
- motor za pokretanje roletne
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled



- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- podizno klizna vrata Termo 120-D
- al profil F-1669
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled



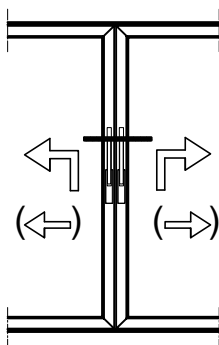




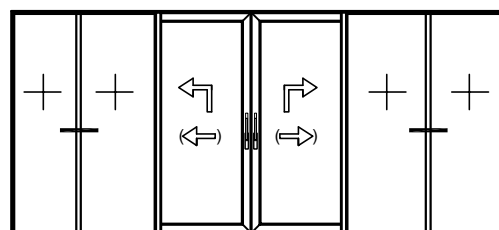
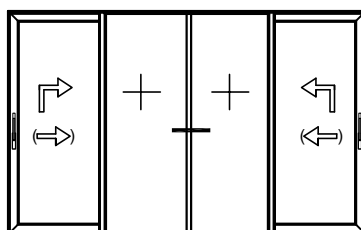
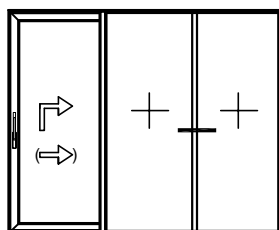
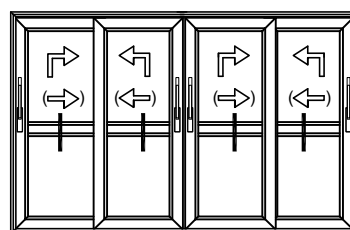
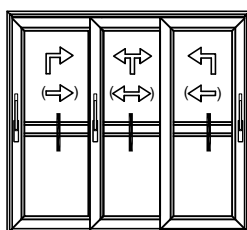
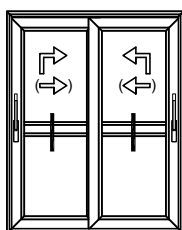
- Estrih
- Vanjski gotov pod
- Aluminijski ram-FT-0722F
- Silikon
- Trajnoelastični kit
- Pvc profil 374.037+pvc cijev 50x15 (374.070)
- Hidroizolacija(paropropusna i vodonepropusna folija)-za zaštitu termoizolacije (npr. Würth 0875 350 201)
- Termoizolacija
- Al nosač
- Parna brana(paronepropusna folija)-za sprječavanje prolaska vodene pare iz prostorije u termoizolaciju (npr. Würth 0875 071 00)
- Termoizolacija
- Estrih
- Unutarnji gotov pod
- Završna lajsna poda



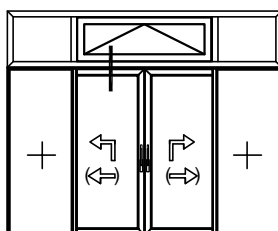
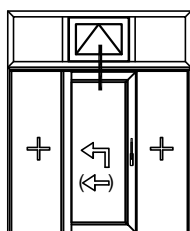
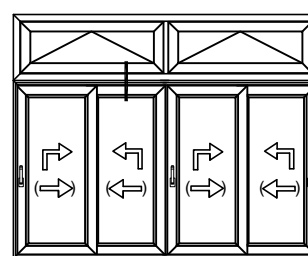
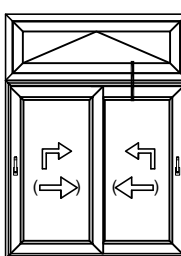
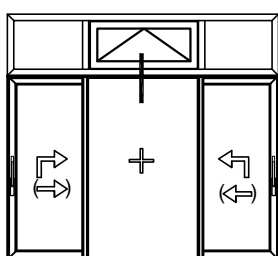
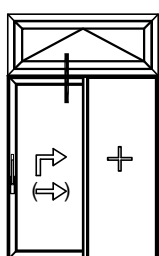
## - Presjeci: spoj dva krila



## - Presjeci: prečke

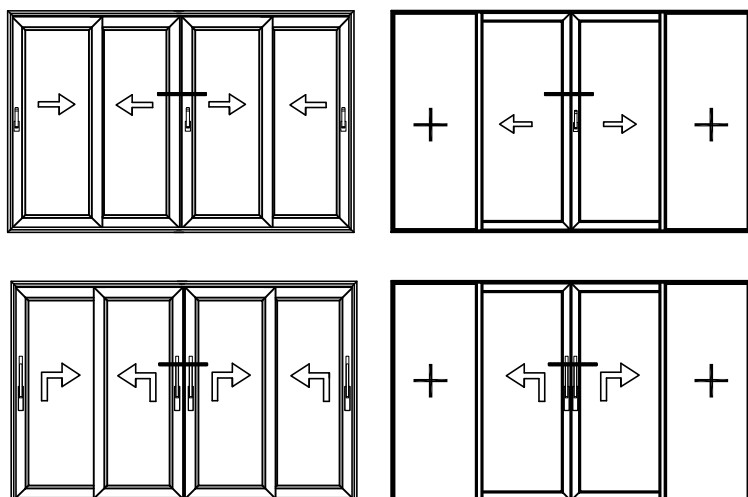


## - Presjeci: nadsvjetlo








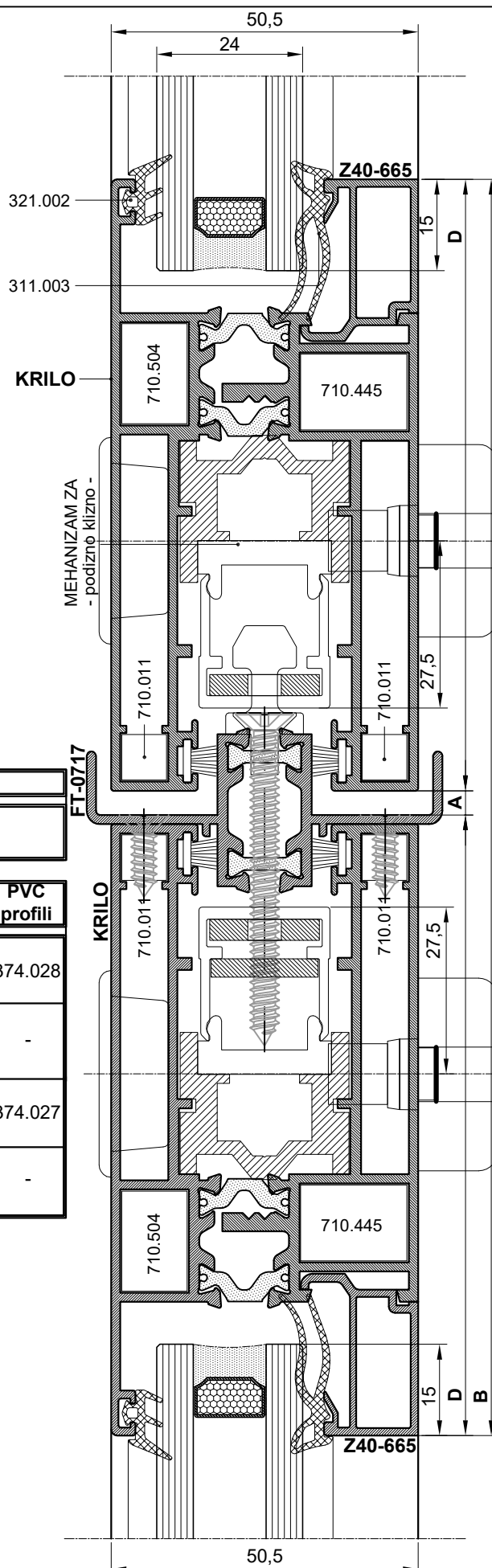
## - Presjeci: ugradnja u fasadu

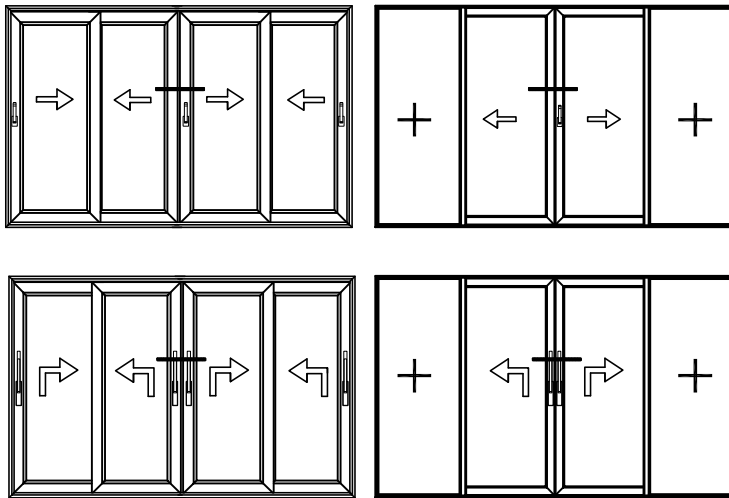




Opis	Oznaka	
Umetak	FT-0717	

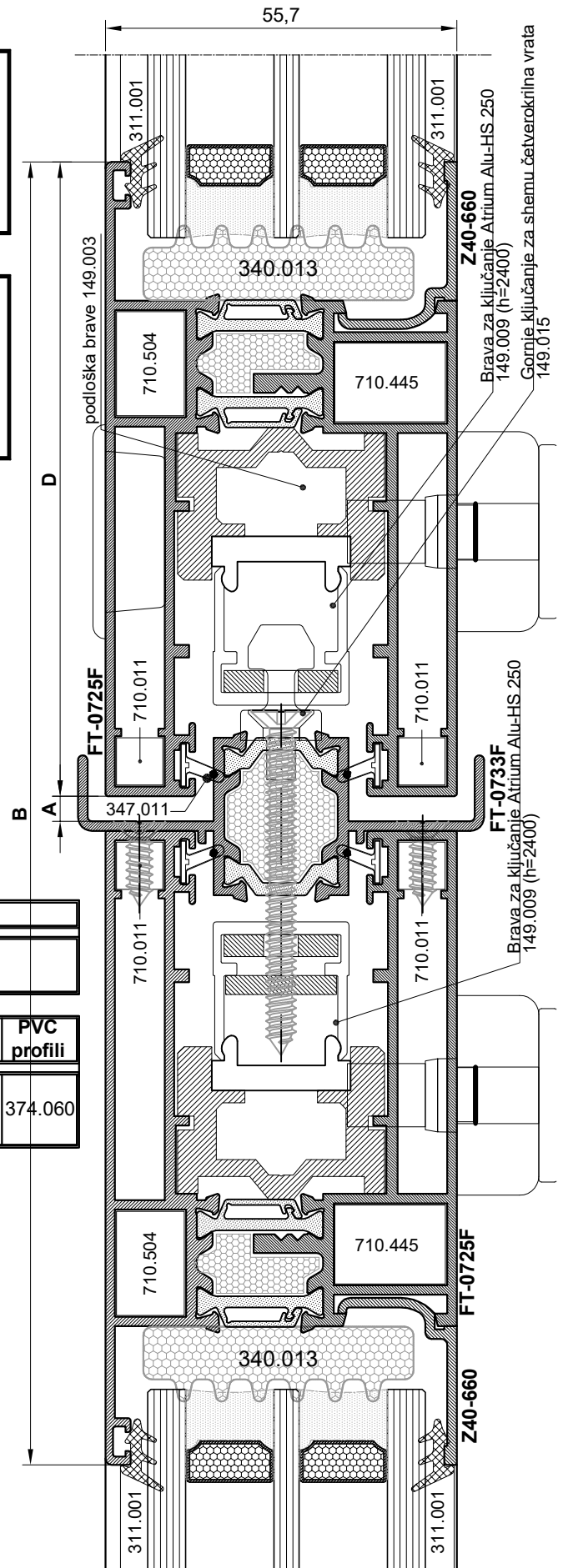
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)		Kutne spojnice	PVC profiili
Kriolo	FT-0710	149.033 Hautau	4	109.6	100.6		710.504 710.445 710.011	374.028
	FT-0711	149.034 Hautau	4	109.6	80		710.406 710.011 730.017 731.010	-
	FT-0710	133.006 Notter	2	102.6	100.6		710.504 710.445 710.011	374.027
	FT-0711	149.040 Hautau	4	84	80		710.406 710.011 730.017 731.010	-

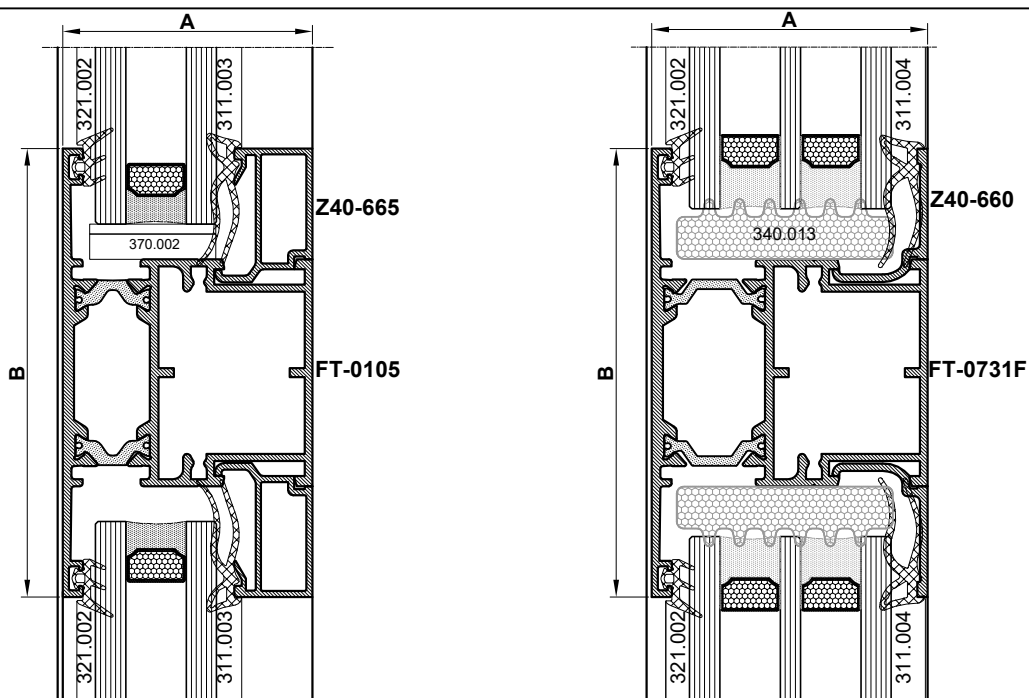




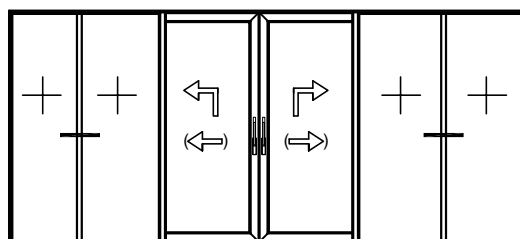
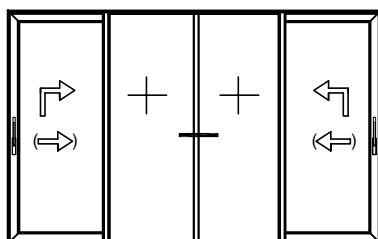
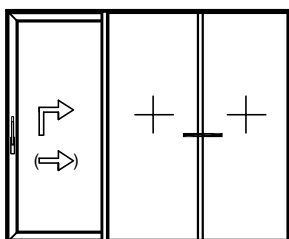
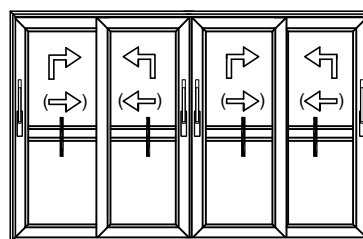
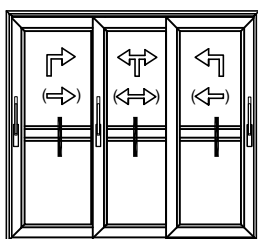
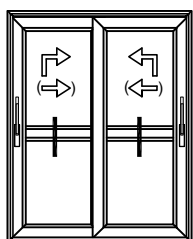
Opis	Oznaka	
Umetak	FT-0733F	

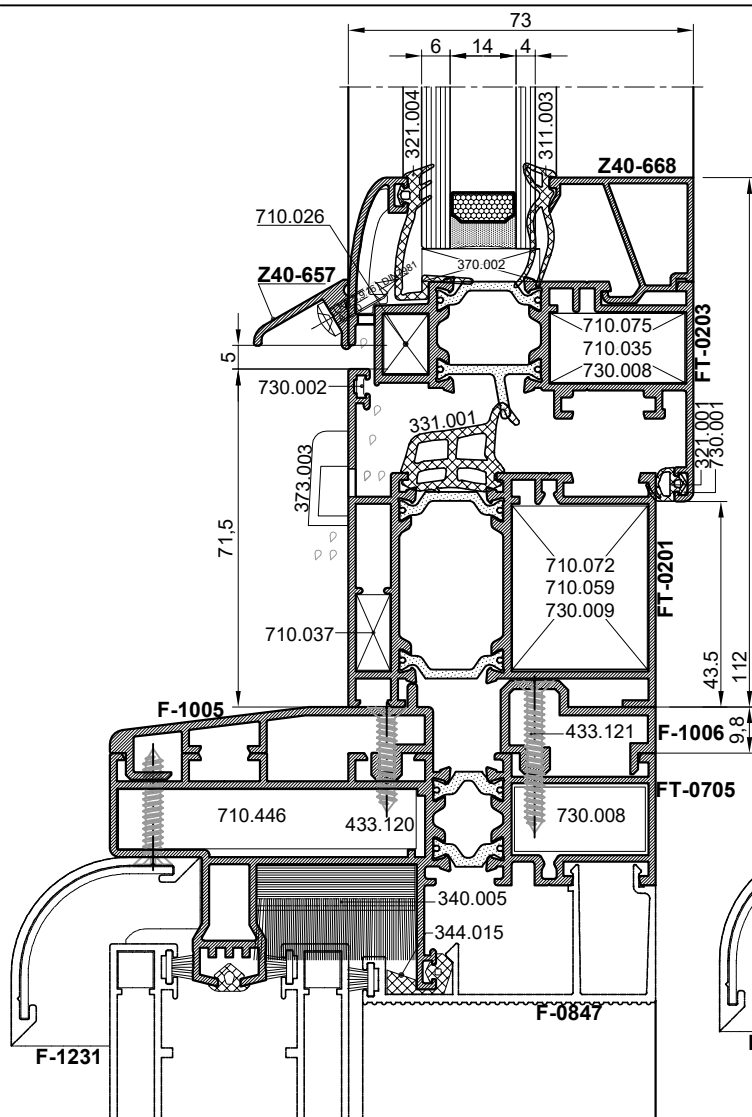
Opis	Oznaka	Okov	A (mm)	B (mm)	D (mm)		Kutne spojnice	PVC profili
Krilo	FT-0725F	149.033 Hautau	4	109.6	100.6		710.504 710.445 710.011	374.060



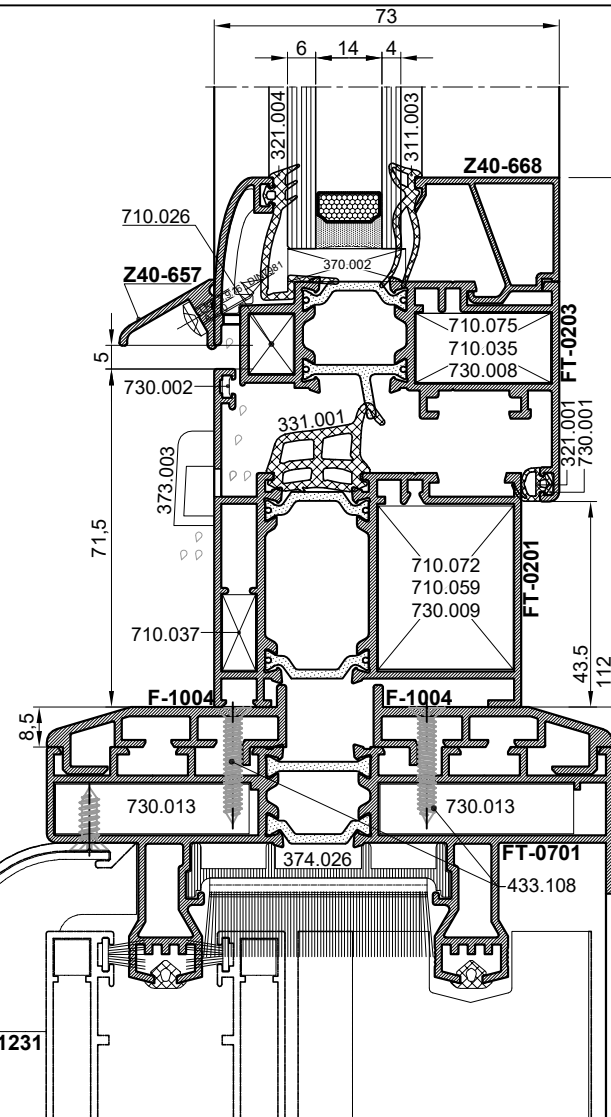


Opis	Oznaka	Ugradnja u profil	A (mm)	B (mm)	Veznik	
Prečka	FT-0104	FT-0710	49.5	72	710.066	
		FT-0711				
		FT-0705				
	FT-0105	FT-0710	49.5	89	710.066	
		FT-0711				
		FT-0705				
	FT-0113	FT-0710	49.5	160	710.066	
		FT-0711				
		FT-0705				
	FT-0731F	FT-0725F	54.7	89	710.066	
		FT-0722F				

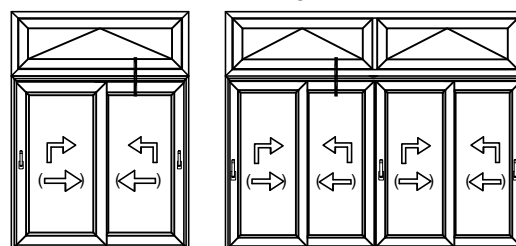
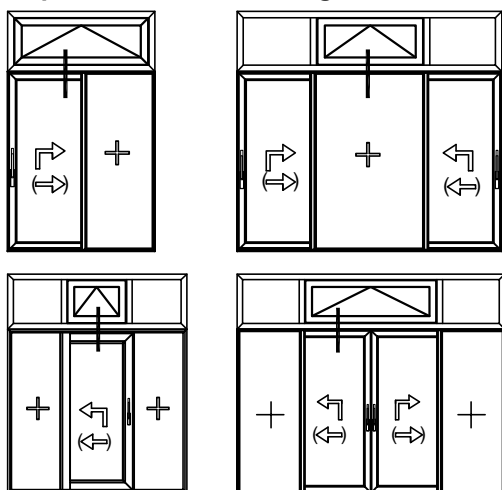




**Klizno/podizno klizno sa integriranim fiksnim**

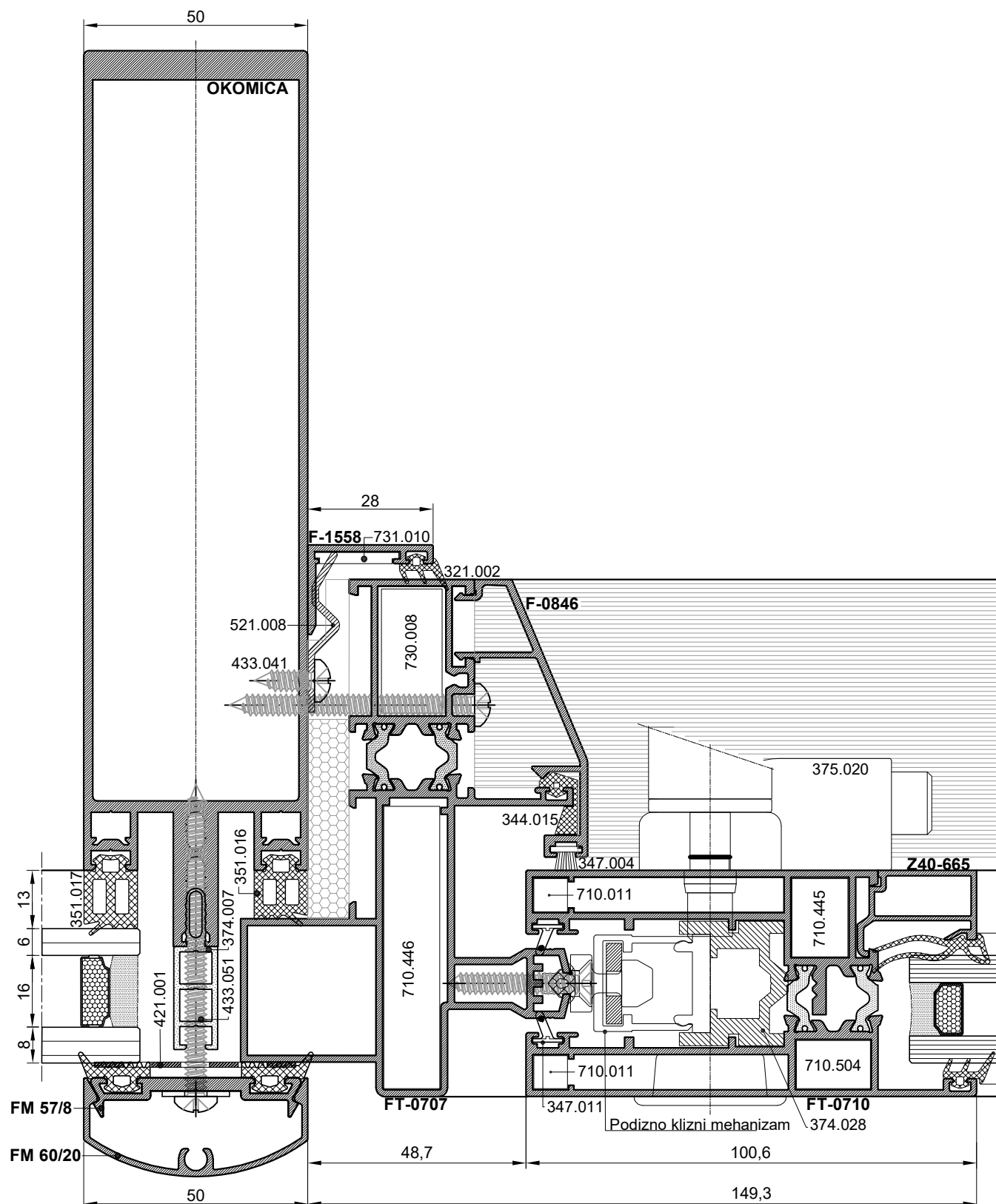


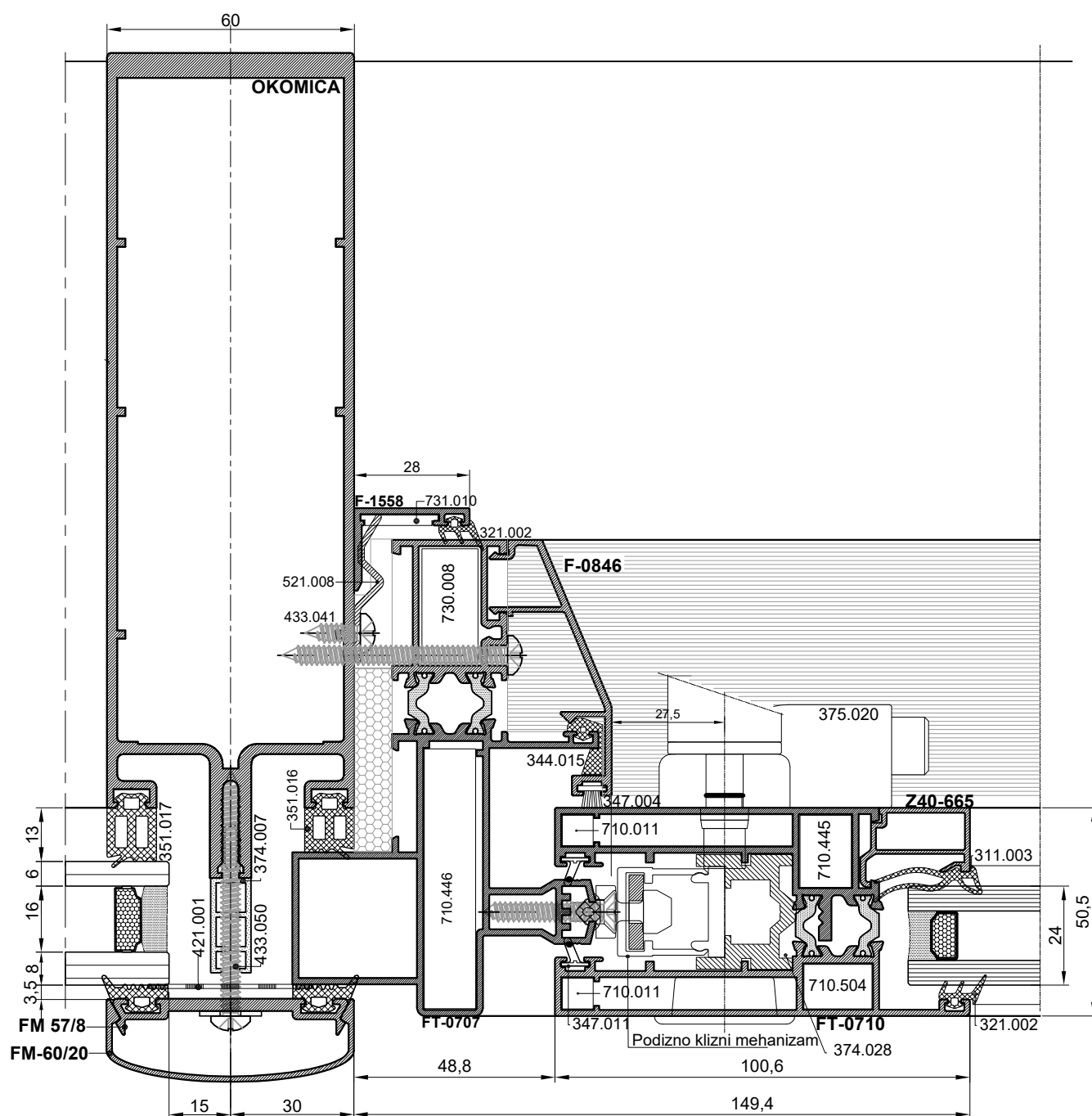
**Dvostazno klizno/podizno klizno**

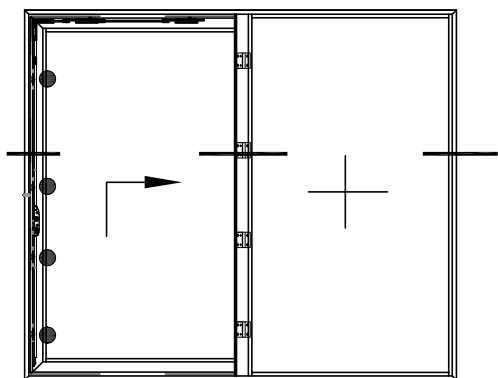


Opis	Oznaka	Profili za nadsvjetlo	Prozor u nadsvjetlu	Opis rama	Širina rama (mm)
Ram	FT-0705	F-1005 F-1006	Termo 65	Termo 120 plus sa integriranim fiksnim	115.5
	FT-0701	F-1004	Termo 65	Termo 120 Ram-dvije staze	120
	FT-0702	F-1004	Termo 65	Termo 120-D Ram-dvije staze	120

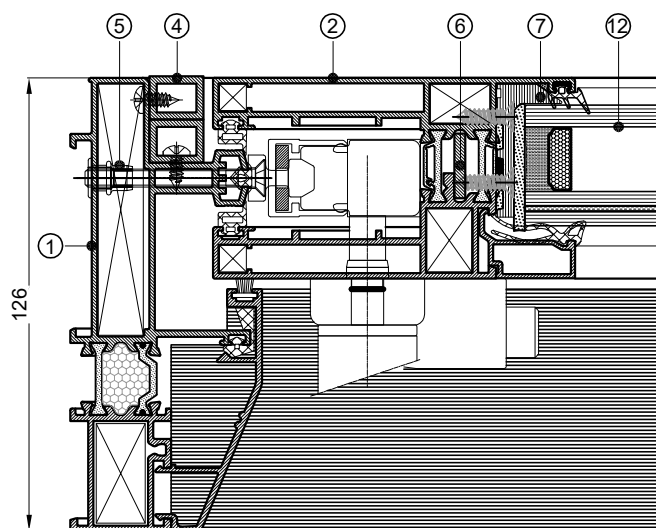




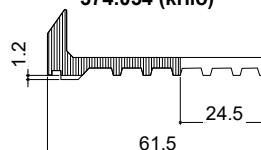




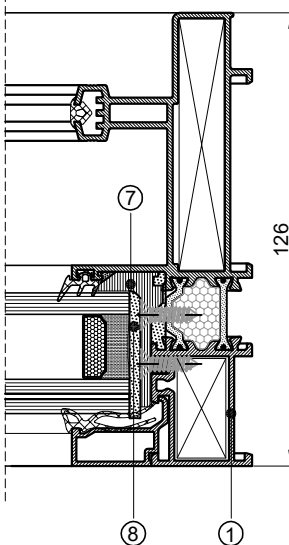
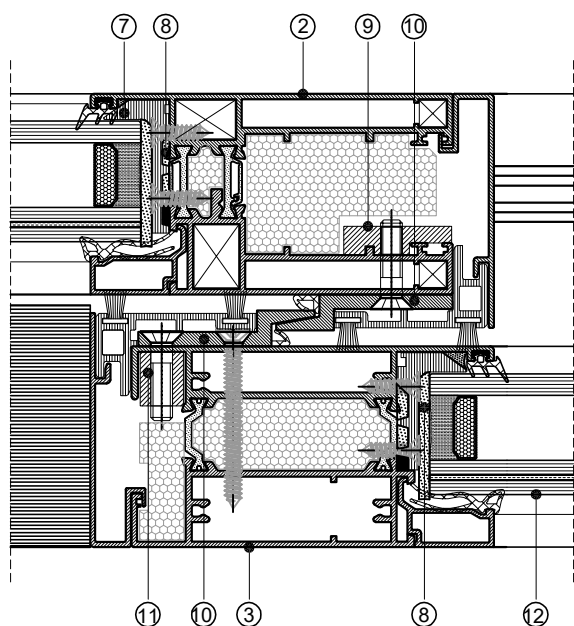
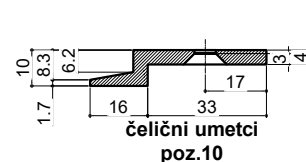
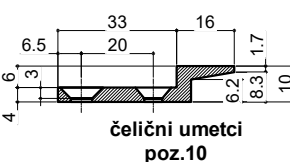
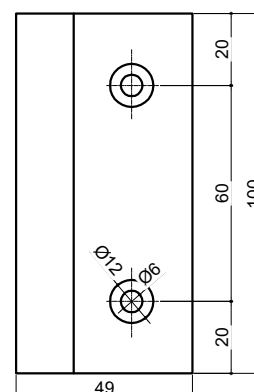
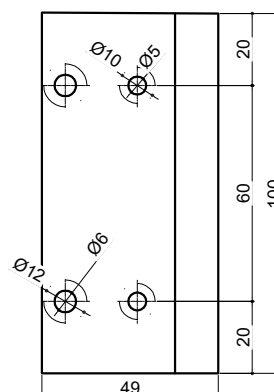
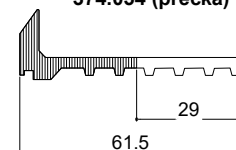
Poz.	oznaka
1	al. profil (ram) FT-0722F
2	al. profil (krilo) FT-0710F
3	al. profil FT-0730F
4	al. profil (dodatak ramu 15x12x2) F-1531
5	dodatno pričvršćivanje ključanja (zakivna matica M5+vijak M5x50 DIN 7991)
6	al. umetak u krilu (15x3)
7	pvc profil 374.054+vijak 4.2x16 DIN 7982
8	silikon (MS 9399) 414.002
9	al umetak u krilu (30x8)
10	čelični umetak (spoj krila i prečke) 49x10x100 +vijak M6x25 DIN 7991
11	al umetak u prečki (15x12) +vijak M6x25 DIN 7991
12	staklo 32 mm (6+18+44.4)...P4A



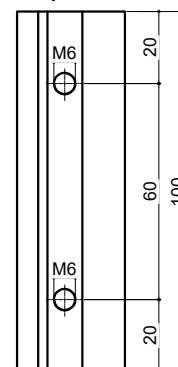
obrada pvc profila  
374.054 (krilo)



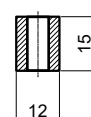
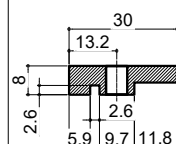
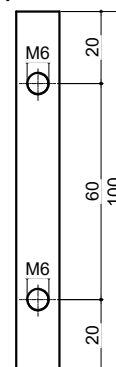
obrada pvc profila  
374.054 (prečka)

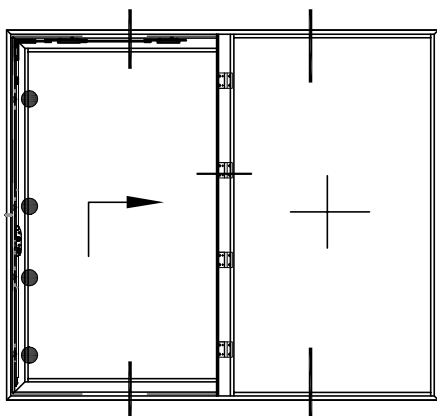


al umetci  
poz.9

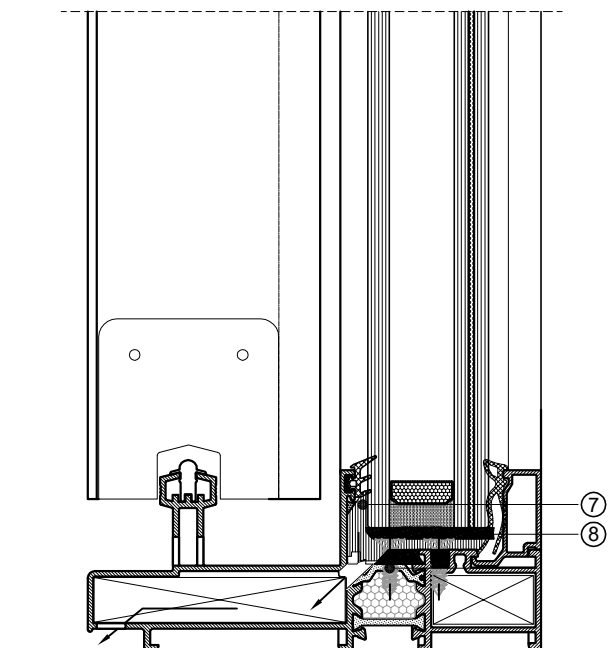
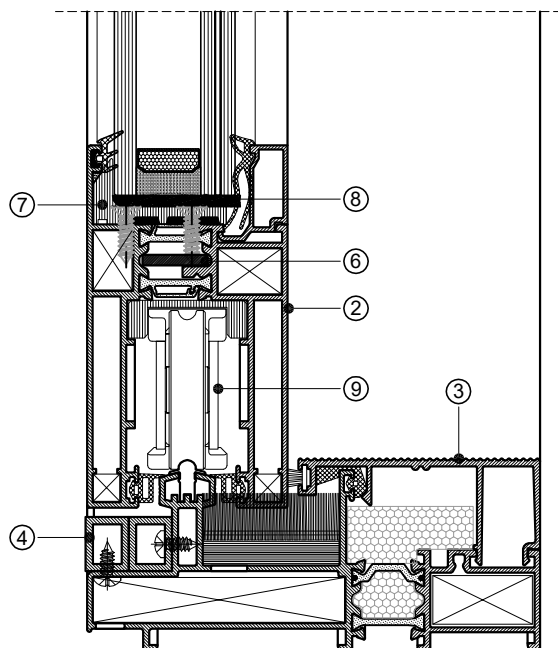
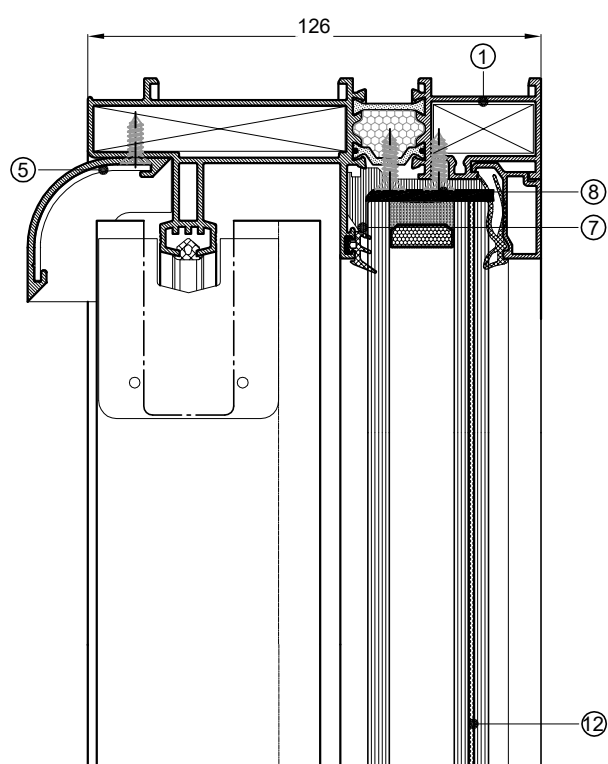
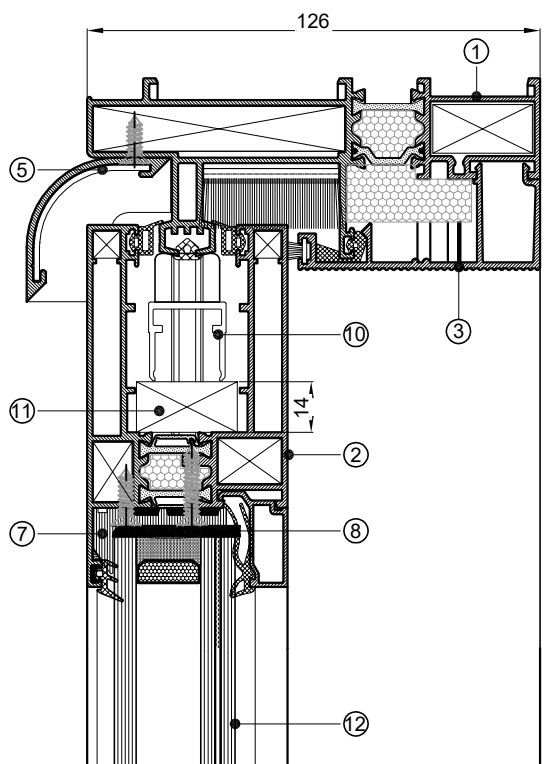


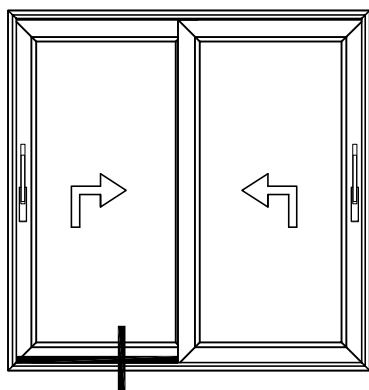
al umetci  
poz.11





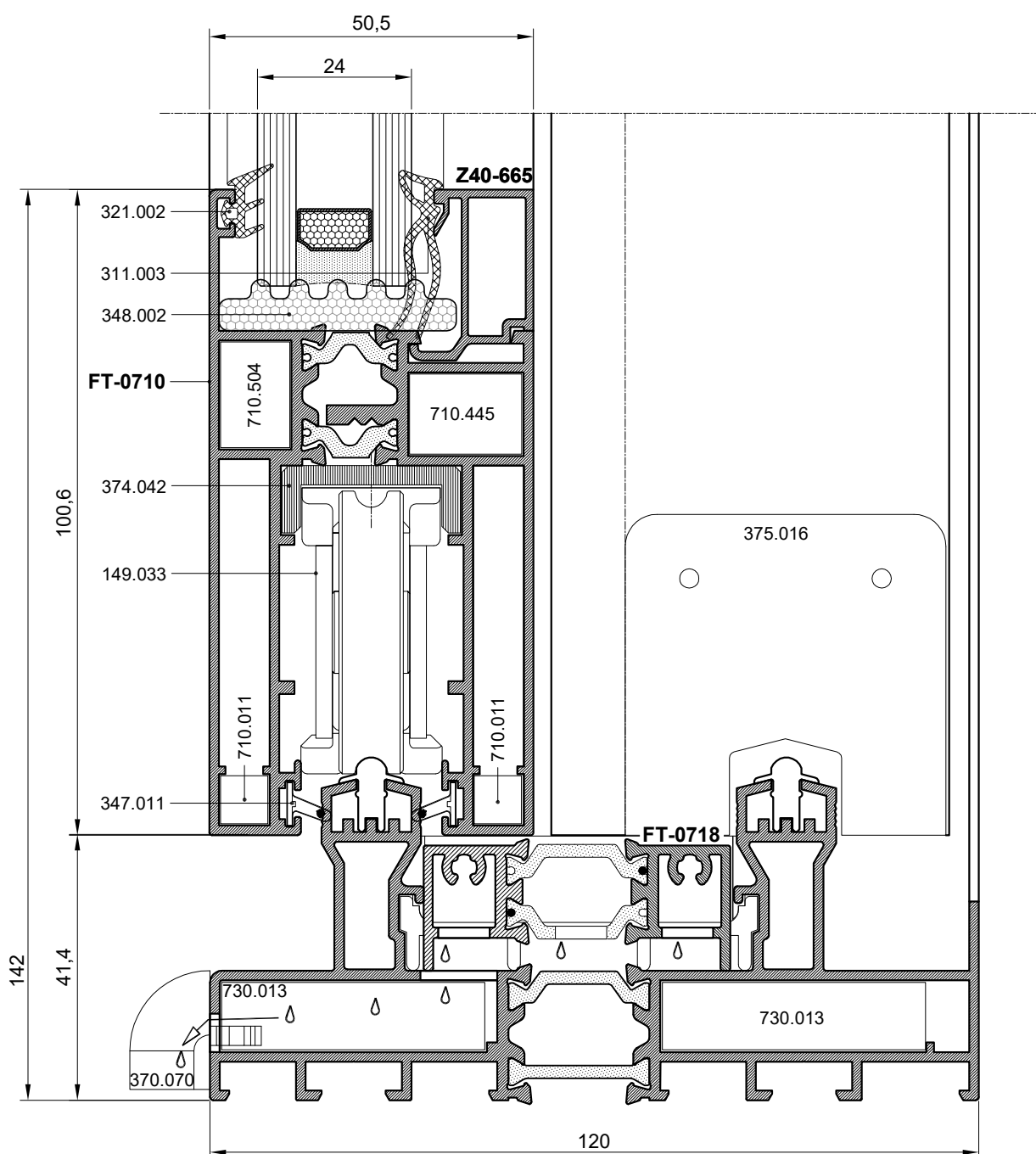
Poz.	oznaka	
1	al. profil (ram) FT-0722F	
2	al. profil (krilo) FT-0710F	
3	al. profil (maska) F-1444	
4	al. profil (dodatak ramu 15x12x2) F-1531	
5	al. profil (okapnica) F-1231	
6	al. umetak u krilu (15x3)	
7	pvc profil 374.054+vijak 4.2x16 DIN 7982	
8	silikon (MS 9399) 414.002	
9	podizno klizni mehanizam Atrium HS-330	
10	sigurnosni mehanizam Atrium HS-Safe	
11	pvc podmetač (visine 14 mm)	
12	staklo 32 mm (6+18+44.4)...P4A	

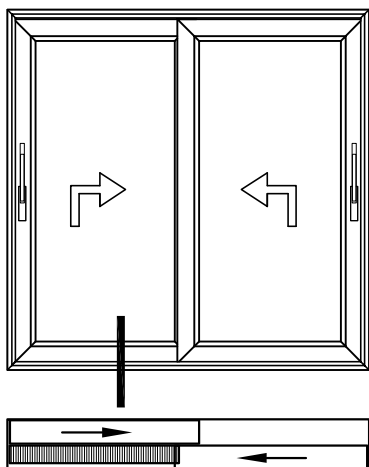




## Profil FT-0718:

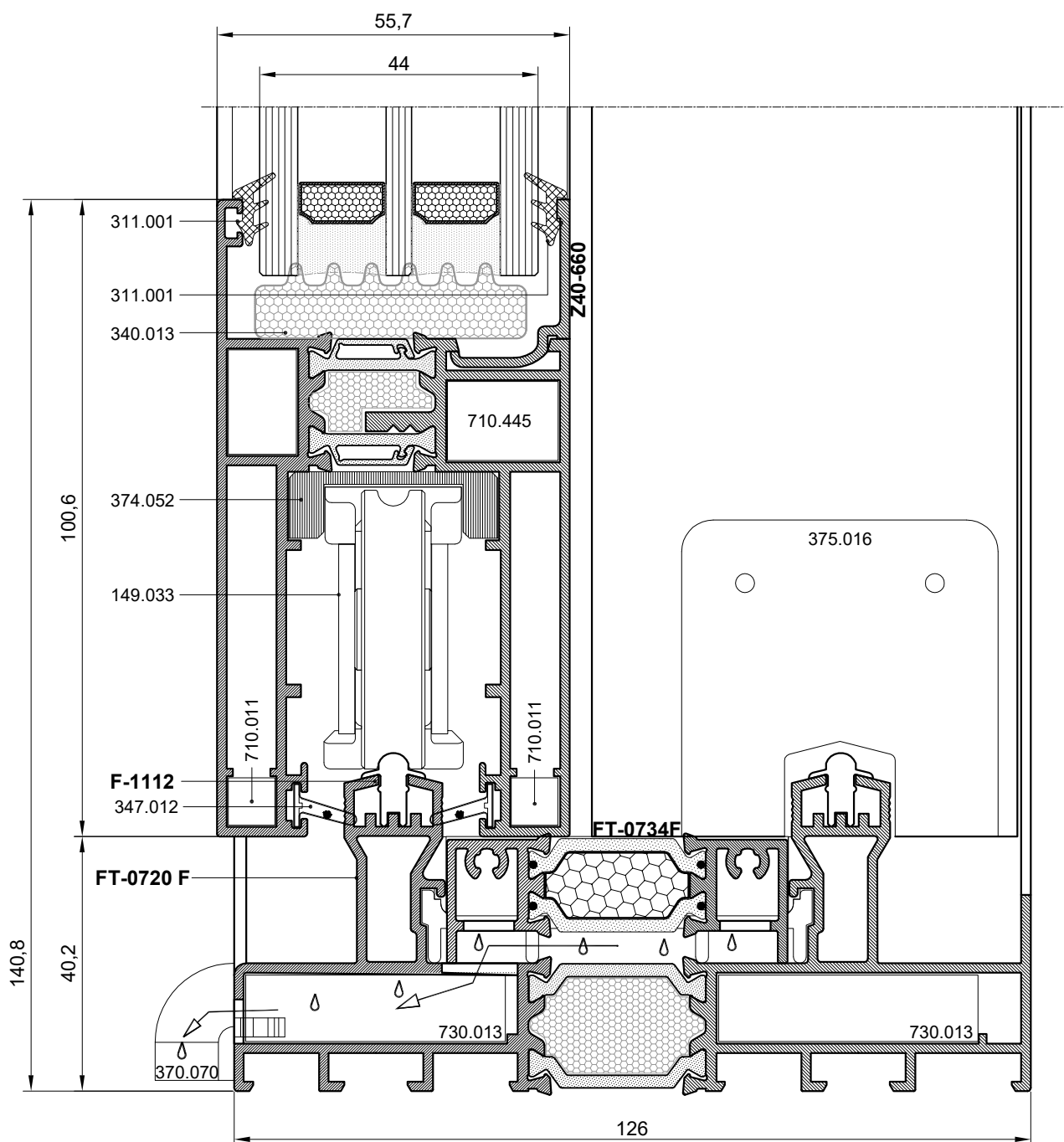
- ugrađuje se u ram u donjem horizontalnom pojasu iza vanjskog krila do gumenog umetka na spoju dva krila
- gumeni umetak se skрати ili pomakne za cca. 10-15 mm da ostane zazor između umetka i profila da u slučaju da pređu kapljevine preko umetka idu ispod profila FT-0718 i dalje u ram i vani.





## Profil FT-0734F:

- ugrađuje se u ram u donjem horizontalnom pojasu iza vanjskog krila do gumenog umetka na spoju dva krila
- gumeni umetak se skрати ili pomakne za cca. 10-15 mm da ostane zazor između umetka i profila da u slučaju da pređu kapljevine preko umetka idu ispod profila FT-0734F i dalje u ram i vani.





# FEAL

## TERMO 120

Knjiga A / *Book A*

Siječanj 2020. / *January 2020*

FEAL d.o.o.

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