

WIN AL

tehnički katalog



EKOLUKS

WIN
 **AL**

preciznost u svakom detalju

SADRŽAJ





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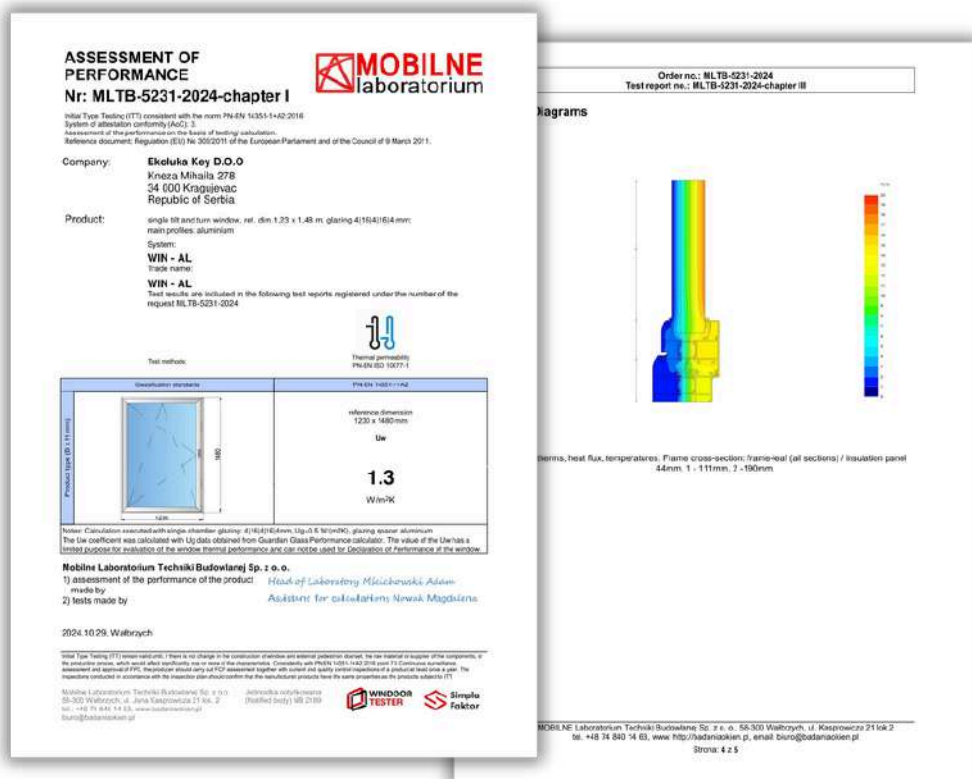
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SERTIFIKATI

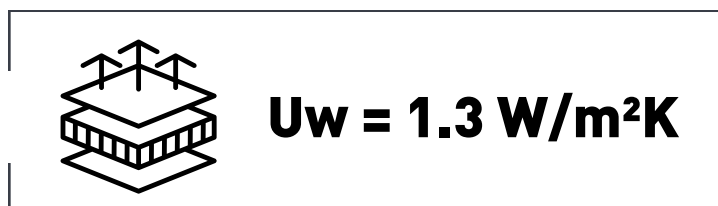
Aluminijumski sistemi WIN-AL ispitani su u akreditovanim laboratorijama Mobilne Laboratorium Techniki Budowlanej (Poljska) i SRAC CERT S.R.L. (Rumunija) prema standardu PN-EN 14351-1+A2:2016.

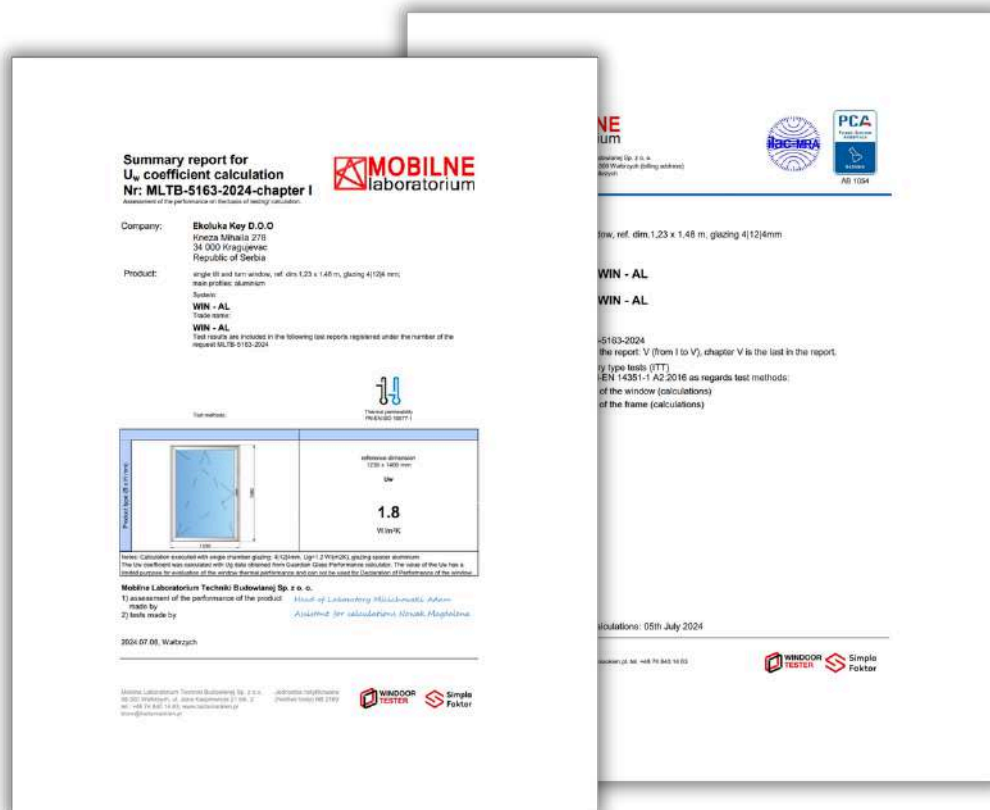


Aluminijumski sistem **WIN-AL** ispitan je u akreditovanoj laboratoriji Mobilne Laboratorijum Techniki Budowlanej (Poljska) prema standardu PN-EN 14351-1+A2:2016.

Rezultati ispitivanja potvrđuju koeficijent toplotne propustljivosti **Uw = 1.3 W/m²K**, izračunat za referentnu dimenziju 1230 × 1480 mm i troslojno staklo konfiguracije 4|16|4|16|4 mm sa aluminijumskim distancerom.

Ovim se potvrđuje da sistem WIN-AL ispunjava visoke zahteve u pogledu energetske efikasnosti, toplotne izolacije i kvaliteta izrade, čime predstavlja pouzdano rešenje za savremene objekte visokih performansi.

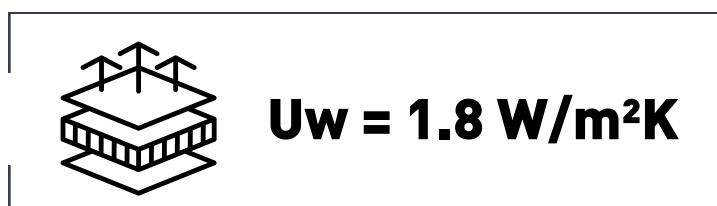


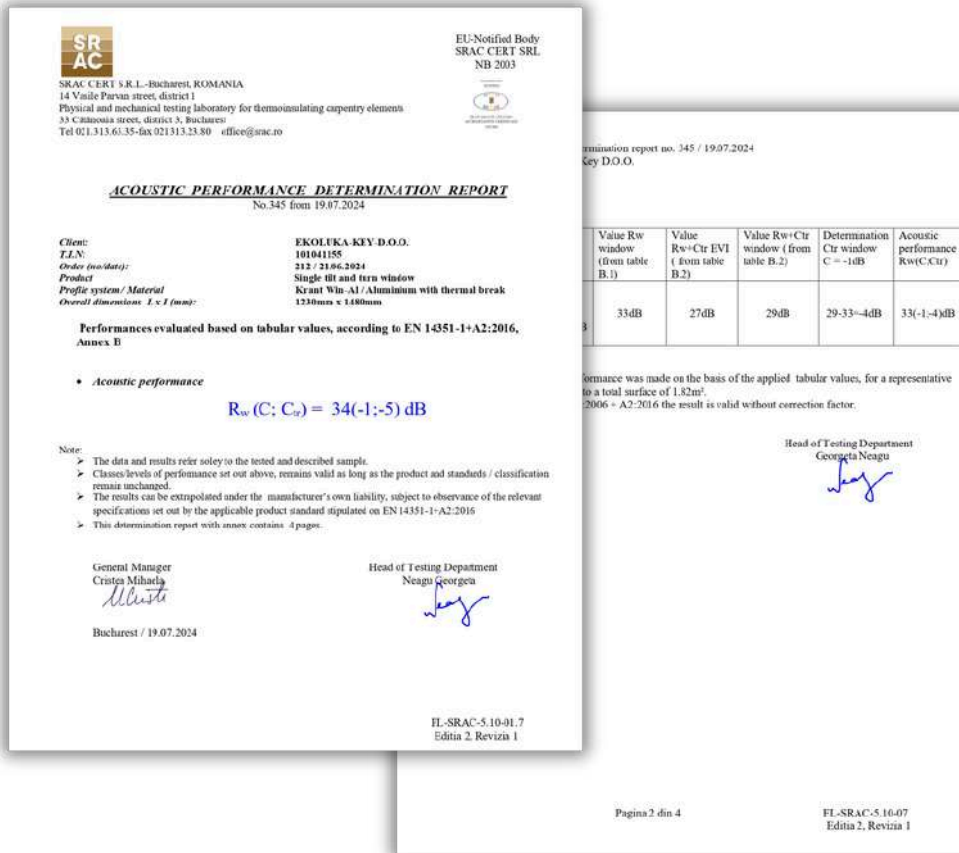


Aluminijumski sistem **WIN-AL** ispitan je u akreditovanoj laboratoriji Mobilne Laboratorium Techniki Budowlanej (Poljska) u skladu sa standardom PN-EN 14351-1+A2:2016.

Rezultati ispitivanja potvrđuju koeficijent toplotne propustljivosti **Uw = 1.8 W/m²K**, izračunat za referentnu dimenziju 1230 × 1480 mm i dvoslojno staklo konfiguracije 4|12|4 mm sa aluminijumskim distancerom.

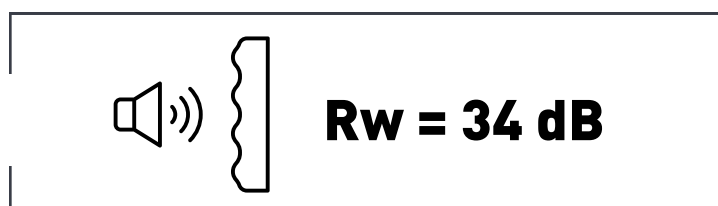
Ovaj rezultat potvrđuje da sistem WIN-AL zadovoljava evropske kriterijume u pogledu energetske efikasnosti i toplotne izolacije, čineći ga pouzdanim izborom za moderne građevinske projekte.

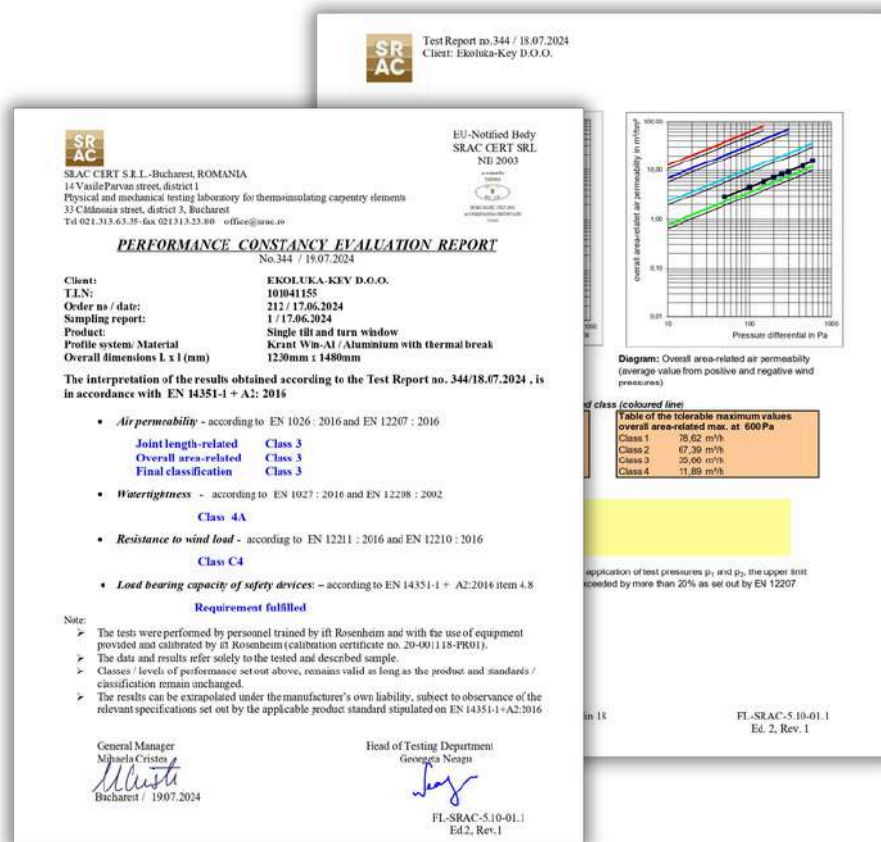




Zvučna izolacija aluminijumskog sistema **WIN-AL** potvrđena je ispitivanjem sprovedenim u akreditovanoj laboratoriji SRAC CERT S.R.L., prema standardu EN 14351-1+A2:2016.

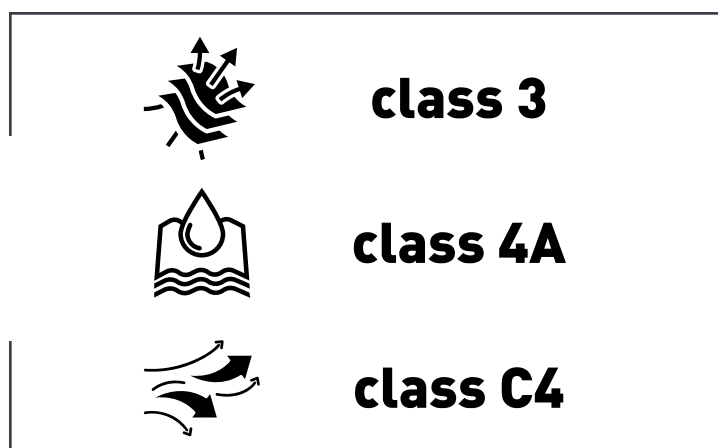
Ispitivani jednokrlni nagibno-otklopni prozor od aluminijumskog profila sa termo-prekidom postiže vrednost **$R_w = 34 \text{ dB}$** , čime obezbeđuje efikasno smanjenje spoljašnje buke i povećan komfor u stambenim i poslovnim prostorima. Rezultati se odnose na testirani uzorak i predstavljaju pouzdanu referencu za primenu u svakodnevnim uslovima.





Tehničke karakteristike aluminijumskog sistema **WIN-AL** ispitane su u akreditovanoj laboratoriji, u skladu sa standardom EN 14351-1+A2:2016.

Na osnovu sprovedenih ispitivanja potvrđena je dobra **propustljivost vazduha (Klasa 3)**, visoka **otpornost na prodor vode (Klasa 4A)** i visoka **otpornost na opterećenje vetrom (Klasa C4)**, kao i ispunjen zahtev za nosivost sigurnosnih elemenata, čime se obezbeđuje pouzdanost, bezbednost i dugotrajna upotreba proizvoda u stambenim i poslovnim objektima.



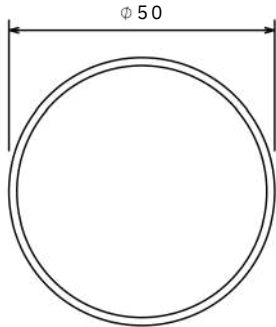
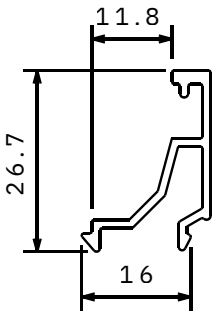
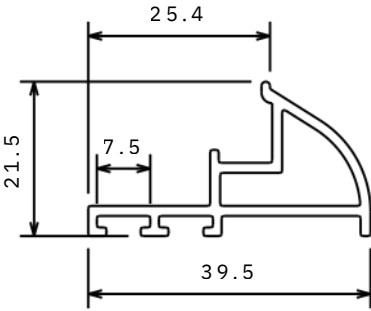
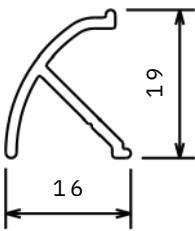


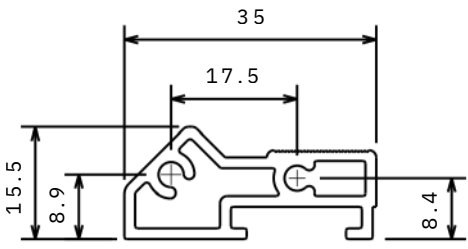
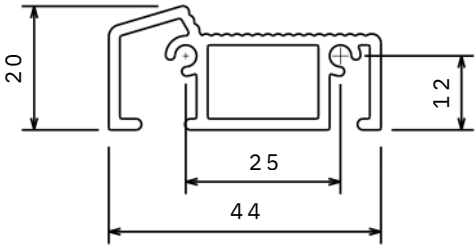
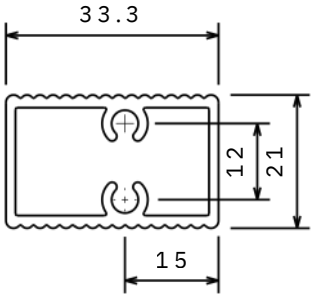


SISTEM 38mm

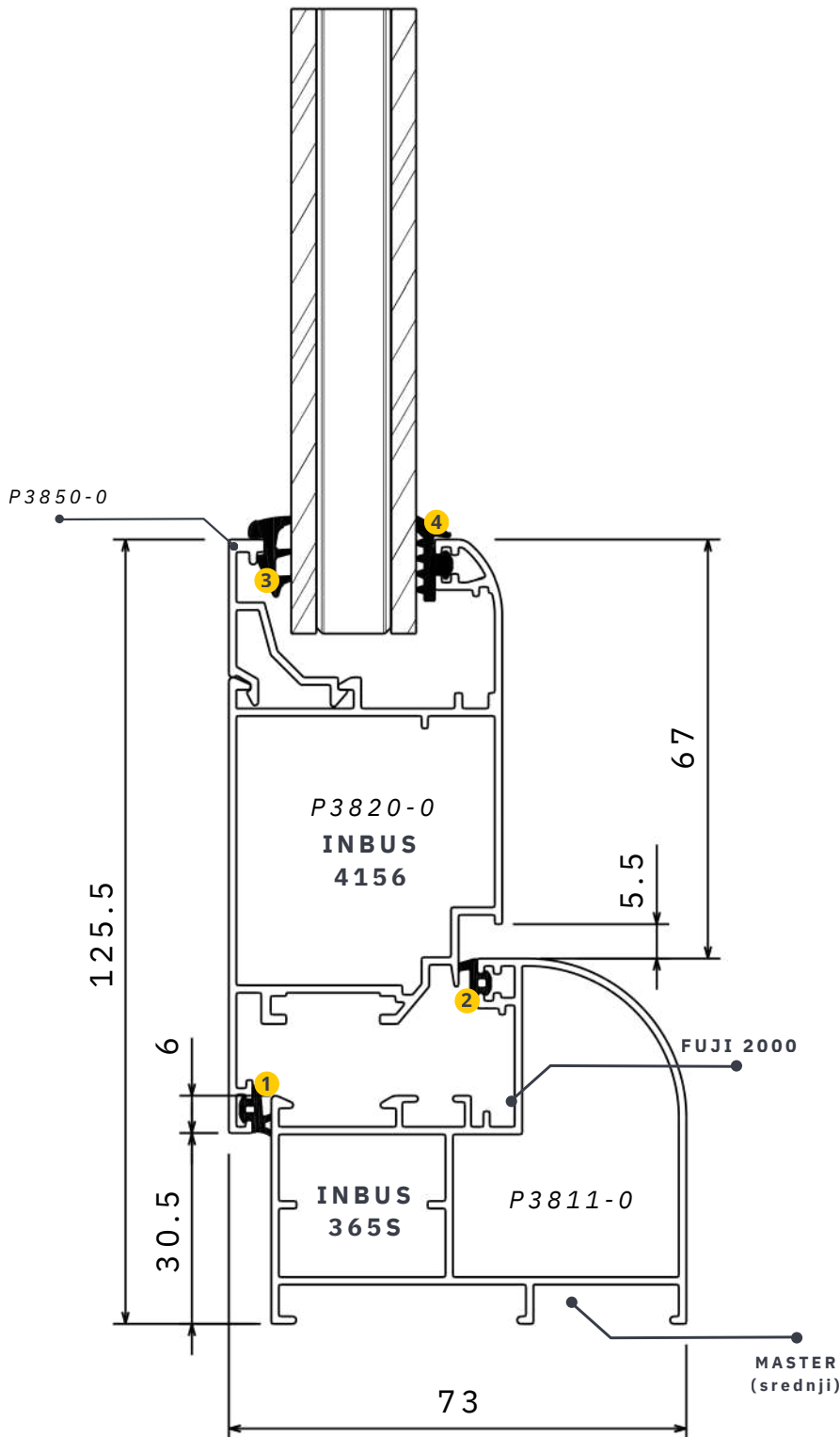
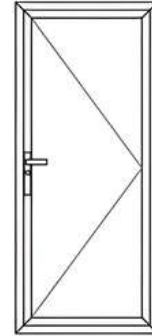
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P3811-0		OBLI ŠTOK	1.030 kg/m
P3810-0		POLUOBLI ŠTOK	0.700 kg/m
P3840-0		T-PREČKA	0.914 kg/m
P3860-0		LAŽNA PREČKA	0.726 kg/m

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P3820-0		KRILO VRATA UNUTRAŠNJE OTVARANJE	0.968 kg/m
P3821-0		KRILO VRATA SPOLJNO OTVARANJE	0.968 kg/m
P3870-0		PARAPETNI PROFIL	1.220 kg/m
P3800-0		UGAONI PROFIL	0.340 kg/m

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
R1310008		CEV Ø50	0.620 kg/m
P3850-0		LAJSNA ZA STAKLO 20mm	0.220 kg/m
P3886-0		DODATNI PROFIL ZA KRILO VRATA	0.386 kg/m
P3887-0		OBLA OKAPNICA 16mm	0.340 kg/m

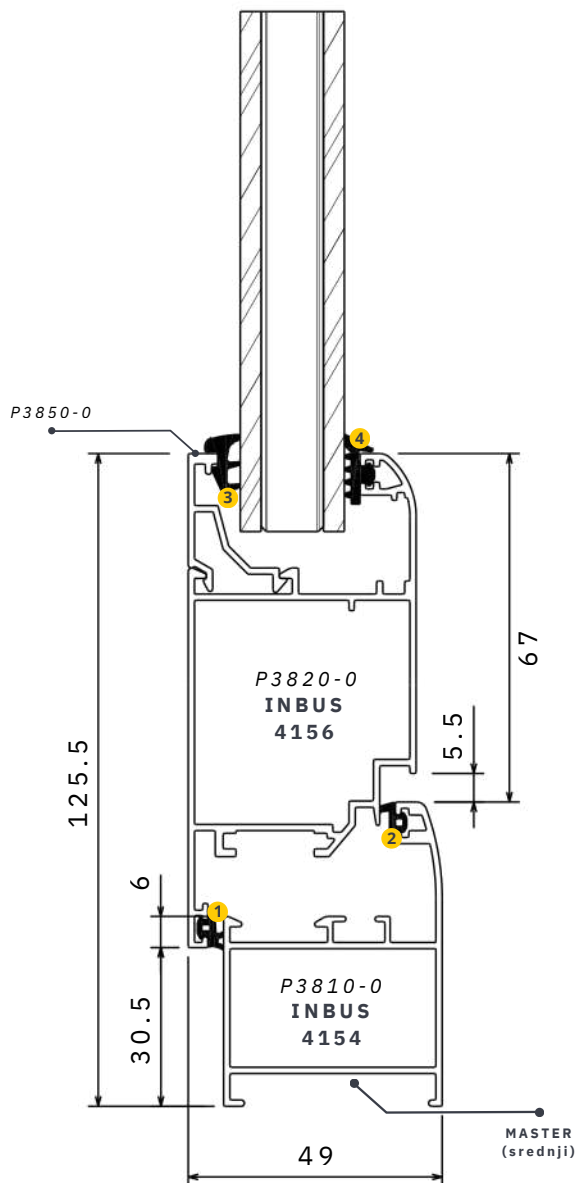
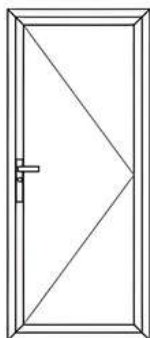
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P3890	 <p>Technical drawing of profile P3890 showing dimensions: 35, 17.5, 15.5, 8.9, 8.4.</p>	PRAG 12.3mm	0.470 kg/m
P3891	 <p>Technical drawing of profile P3891 showing dimensions: 20, 12, 25, 44.</p>	PRAG 15.5mm	0.668 kg/m
P3892	 <p>Technical drawing of profile P3892 showing dimensions: 33.3, 12, 21, 15.</p>	PRAG - KOCKA 20mm	0.560 kg/m

VRATA UNUTRAŠNJE OTVARANJE



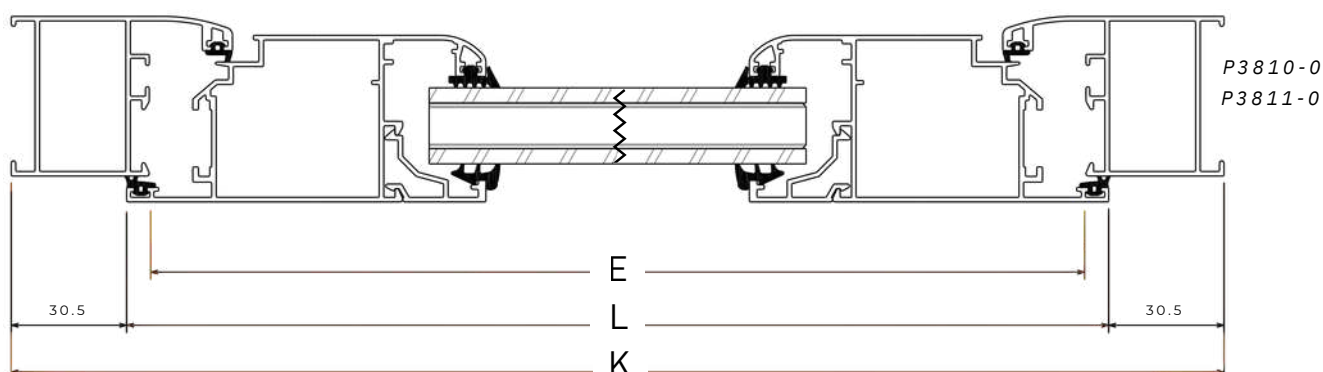
- 1** P200004
- 2** P200005
- 3** P200006
- 4** P200002

VRATA UNUTRAŠNJE OTVARANJE

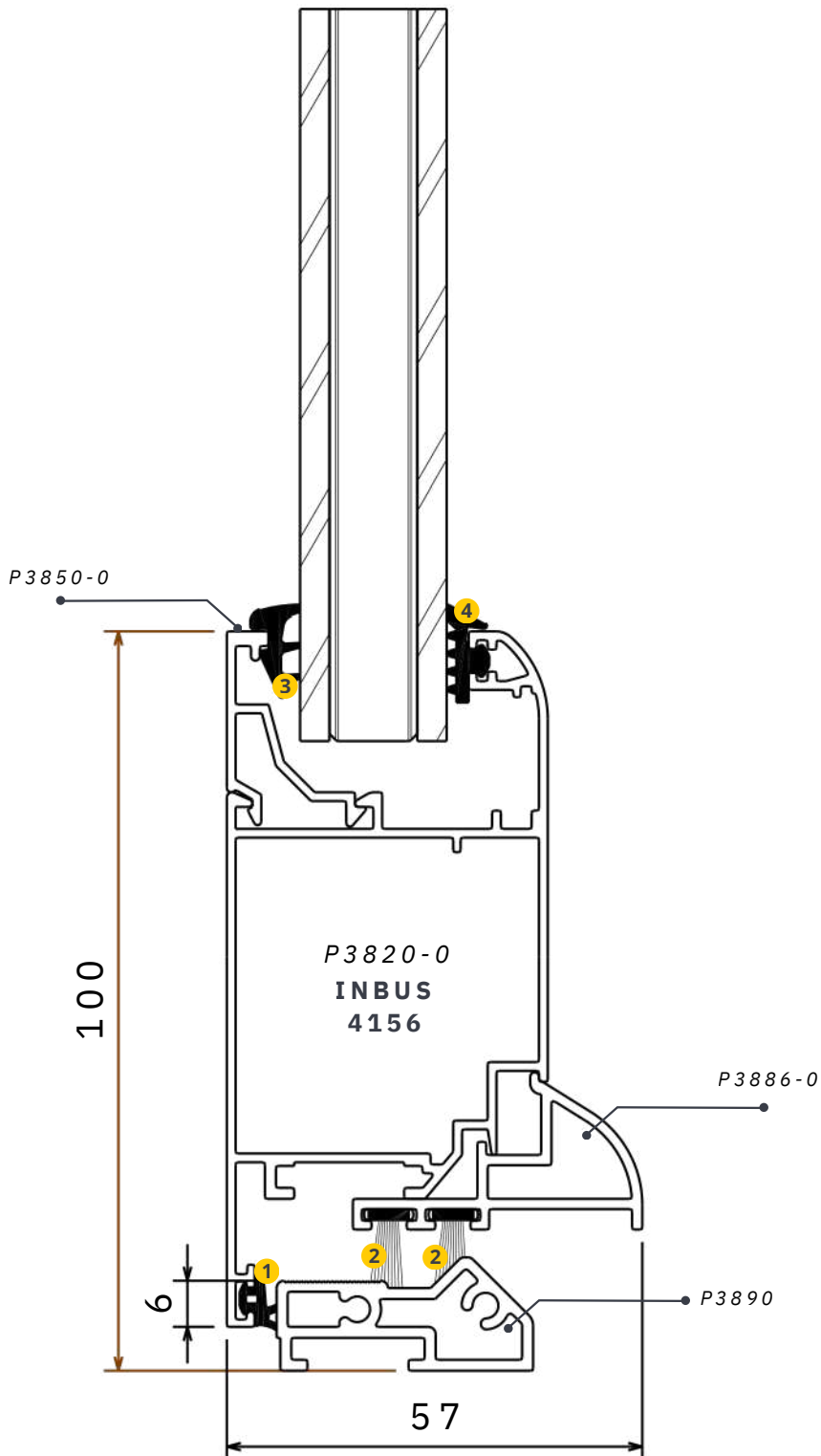
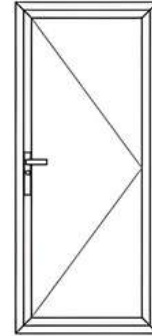


$$L = E + 12\text{mm}$$

$$L = K - 61\text{mm}$$

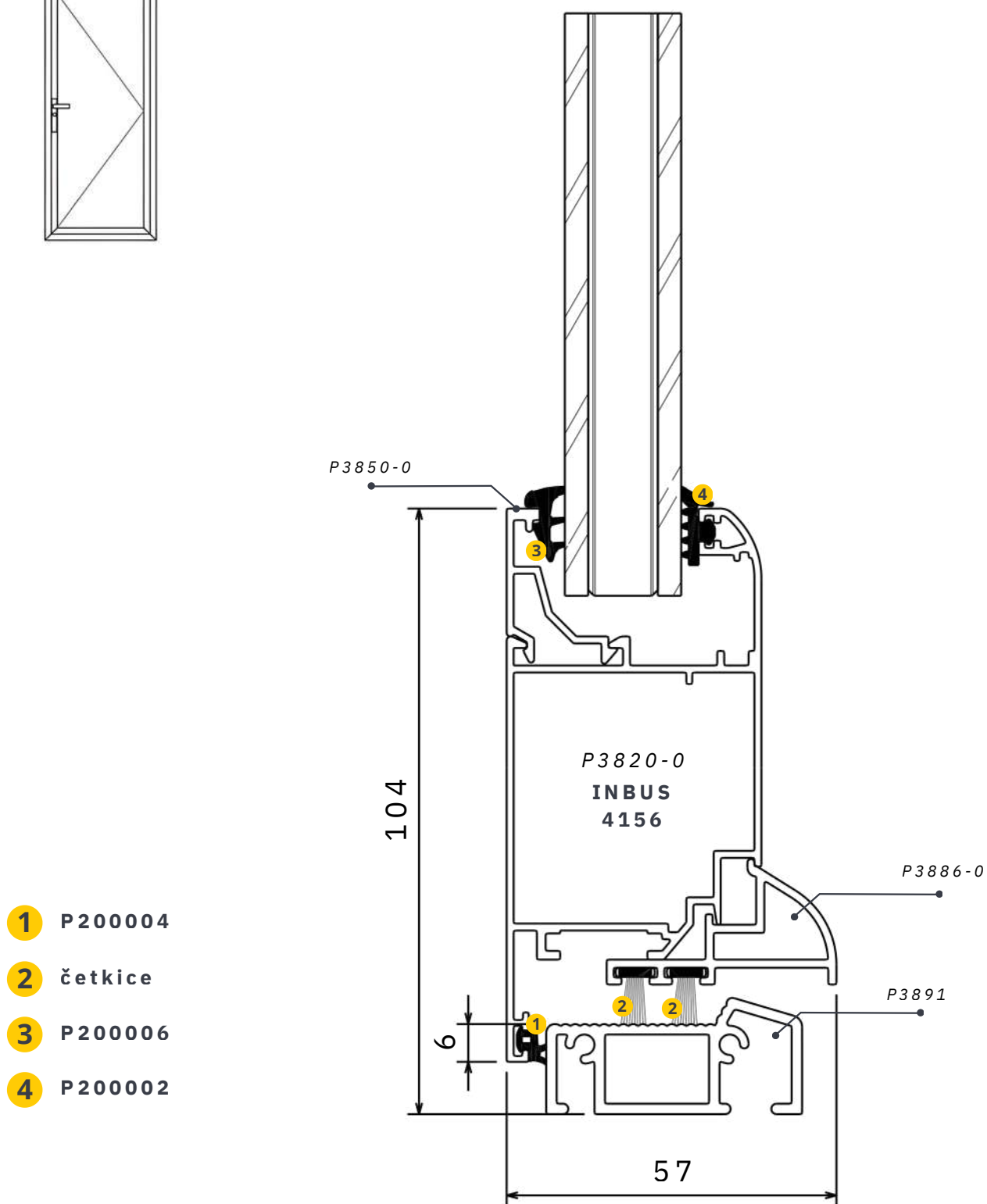
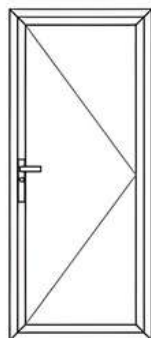


**VRATA UNUTRAŠNJE OTVARANJE
SA PRAGOM 12.3mm**

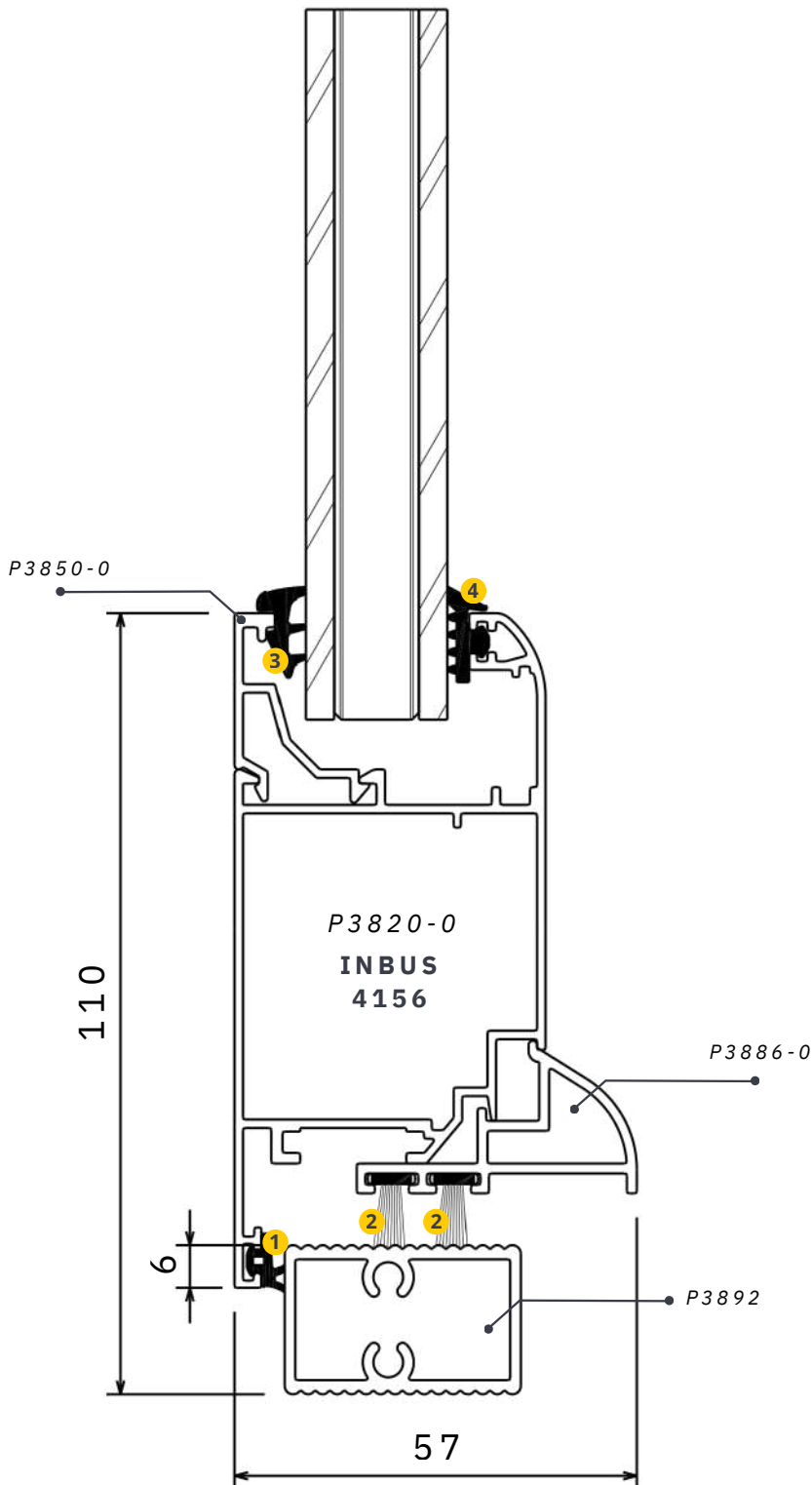
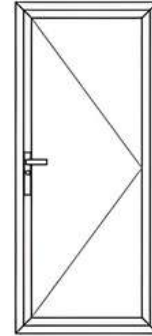


- 1** P200004
- 2** četkice
- 3** P200006
- 4** P200002

VRATA UNUTRAŠNJE OTVARANJE SA PRAGOM 15.5mm

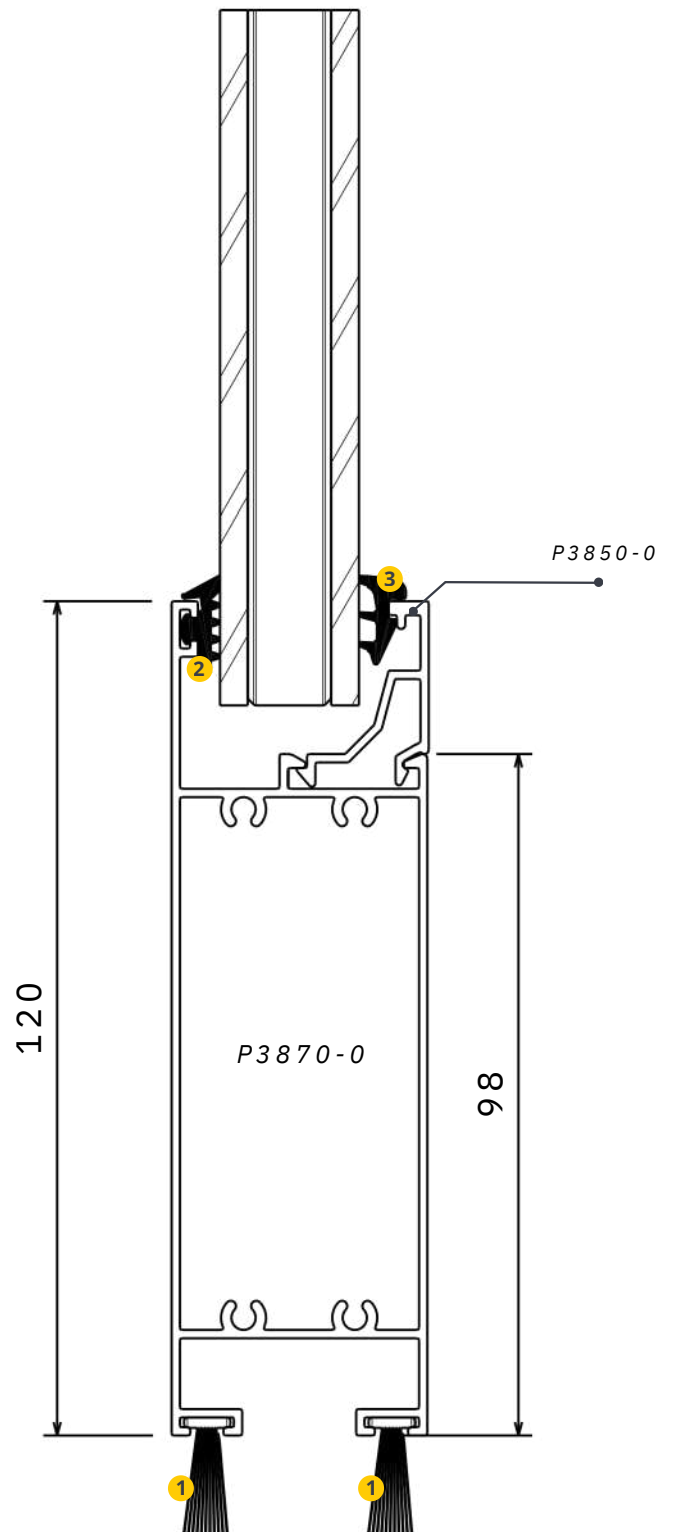


**VRATA UNUTRAŠNJE OTVARANJE
SA PRAGOM 20mm**



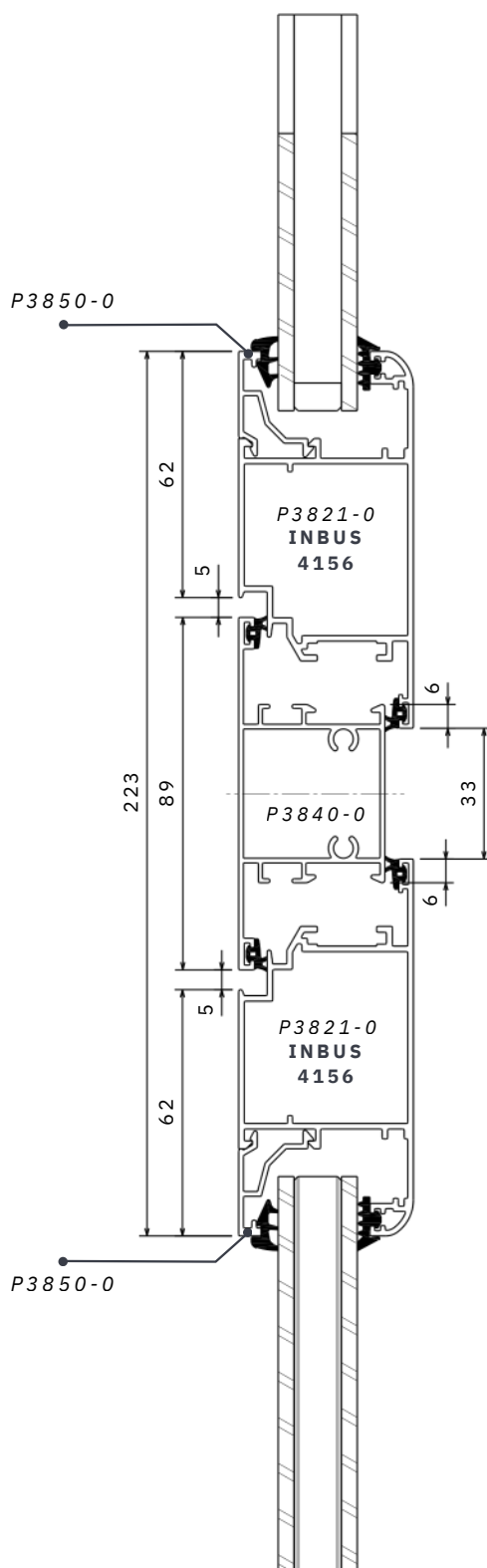
- 1 P200004
- 2 četkice
- 3 P200006
- 4 P200002

PARAPET

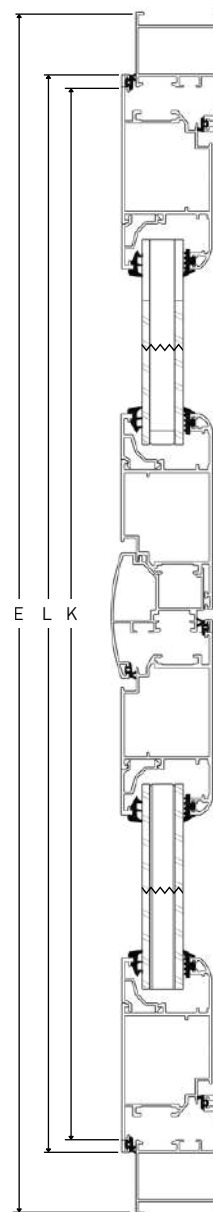
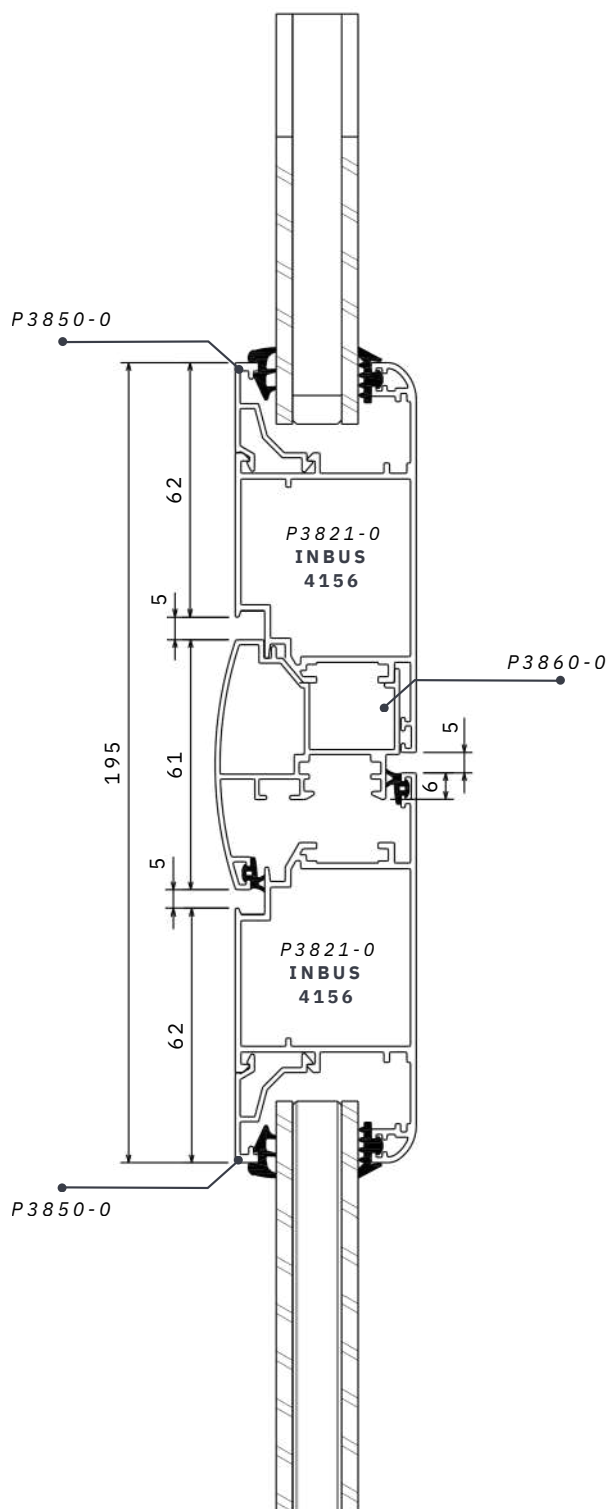


- 1 českice
- 2 P200002
- 3 P200006

**DVOKRILNA VRATA (spoljno otvaranje)
SA T PREČKOM**



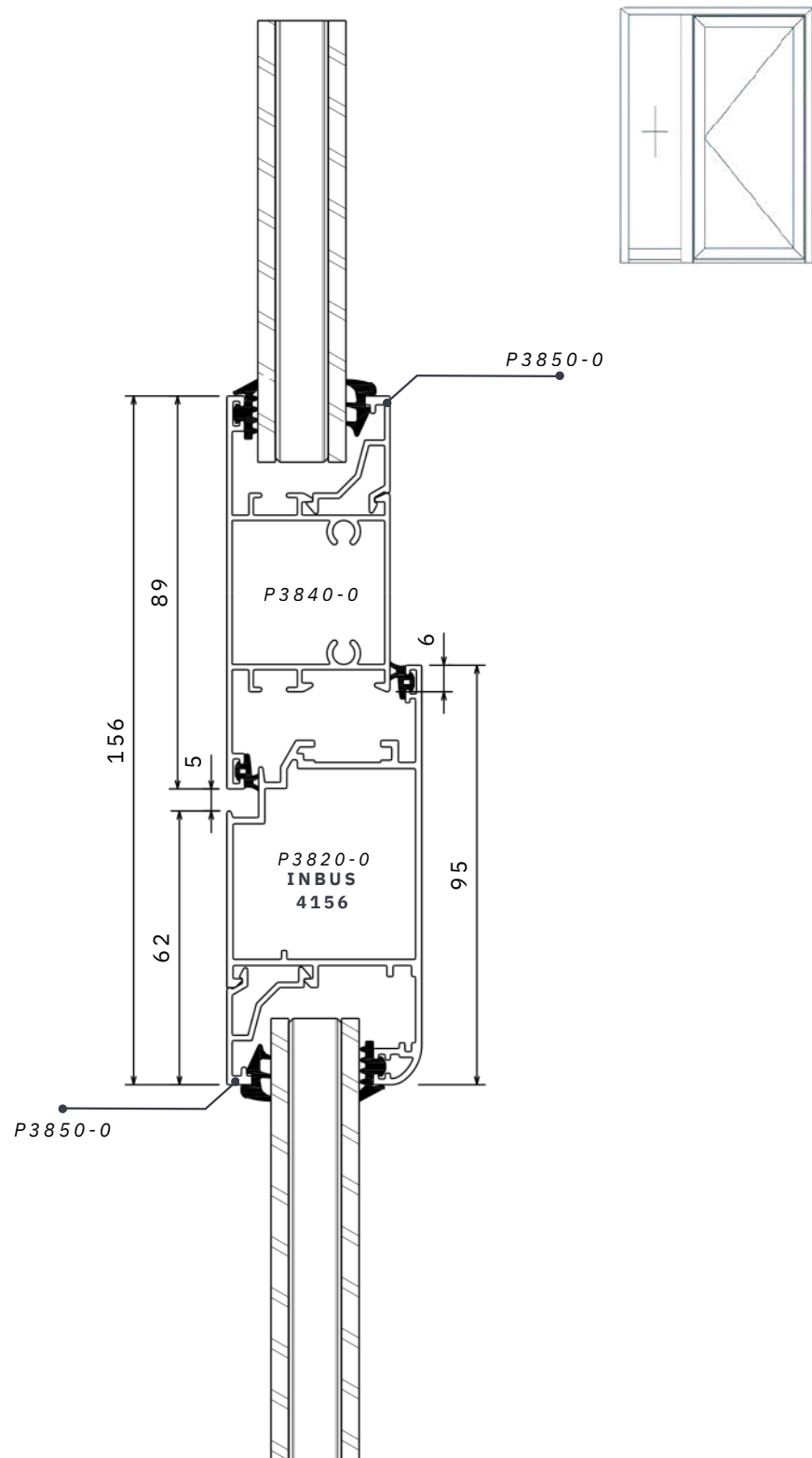
DVOKRILNA VRATA (spoljno otvaranje) SA LAŽNOM PREČKOM

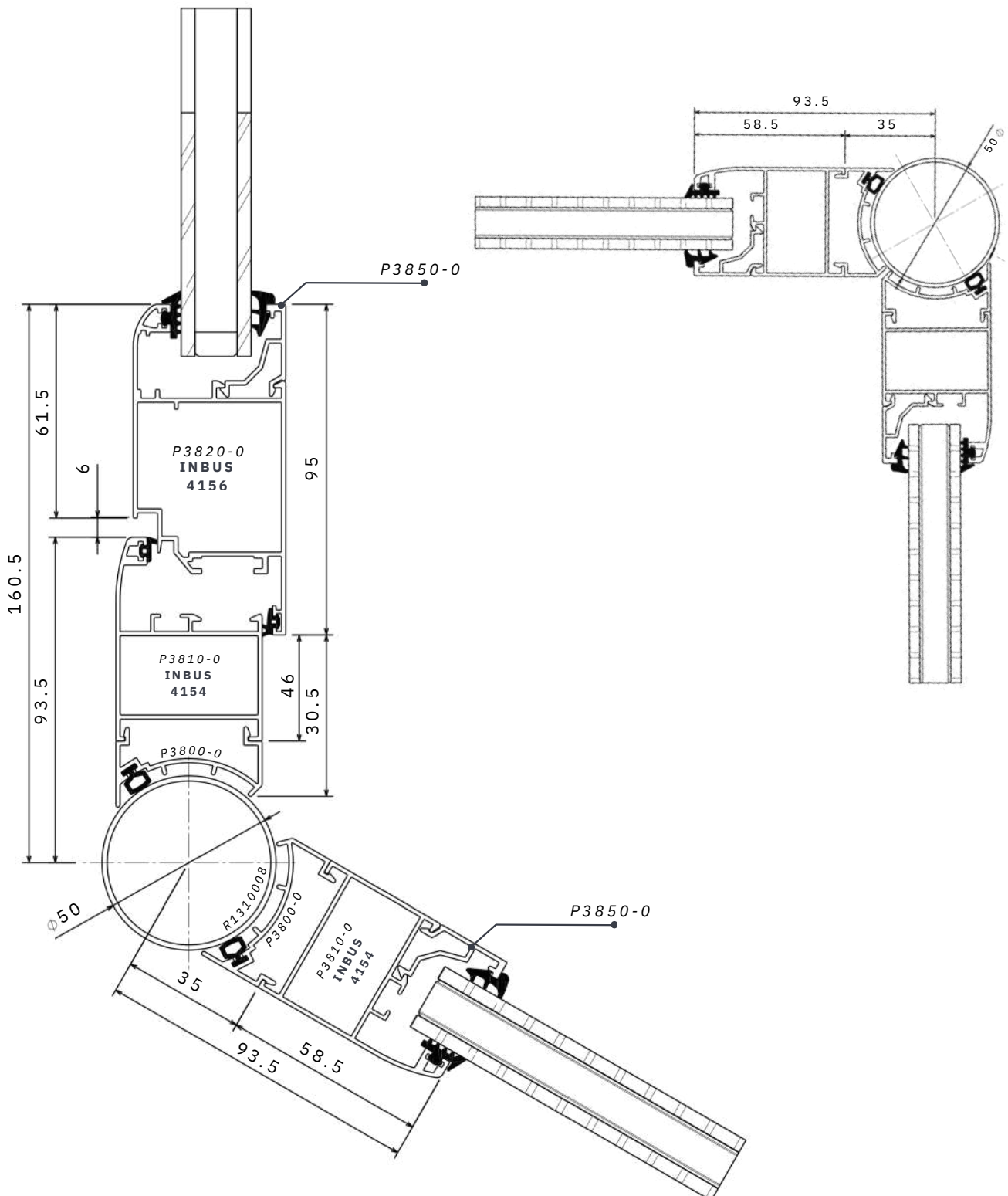



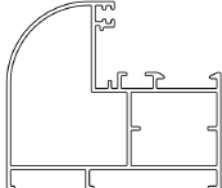

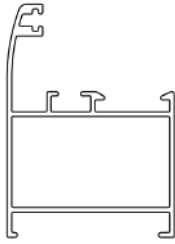

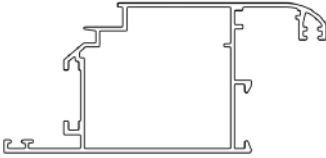
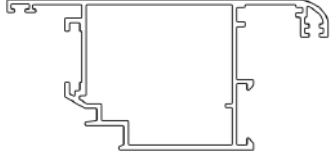

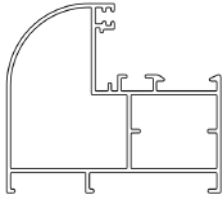
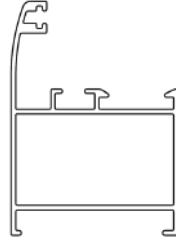

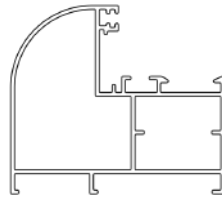
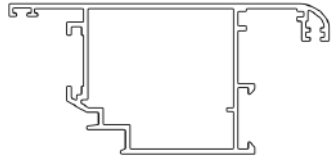
P3811-0
P3810-0

$$L = \frac{E + 7\text{mm}}{2} ; L = \frac{K - 66\text{mm}}{2}$$

**VRATA (spoljno otvaranje)
SA FIKSOM**



KRILO VRATA (unutrašnje otvaranje)
SA PROIZVOLJNIM UGLOM

SPOJNICA	PROFILI	
		
365S	P3811-0	
		
4154	P3810-0	
		
4156	P3820-0	P3821-0
		
MASTER (srednji)	P3811-0	P3810-0
		
FUJI 2000	P3811-0	P3821-0

WIN
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preciznost u svakom detalju

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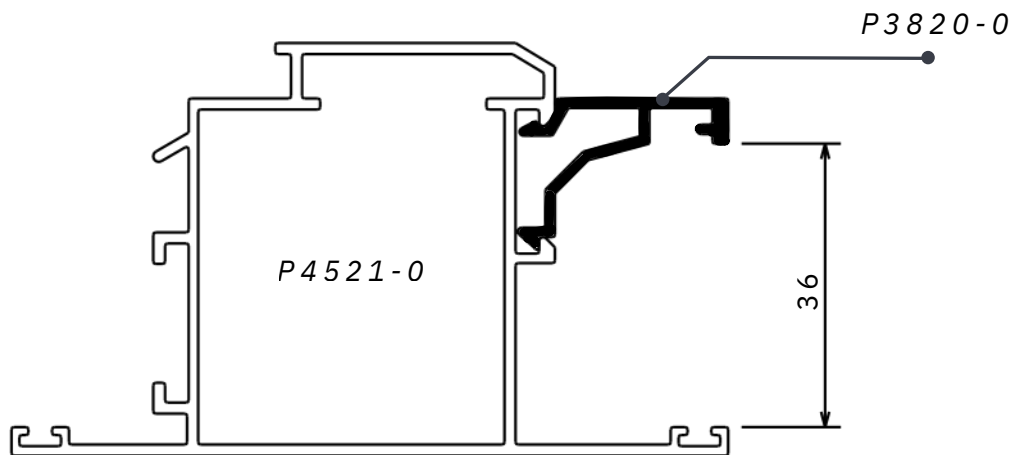
SISTEM 45mm

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P4510-0		RAVAN ŠTOK 45mm	0.713 kg/m
P4511-0		POLUOBLI ŠTOK 59mm	0.900 kg/m
P4512-0		OBLI ŠTOK 75mm	1.120 kg/m
P4540-0		T PREČKA 44mm	1.070 kg/m

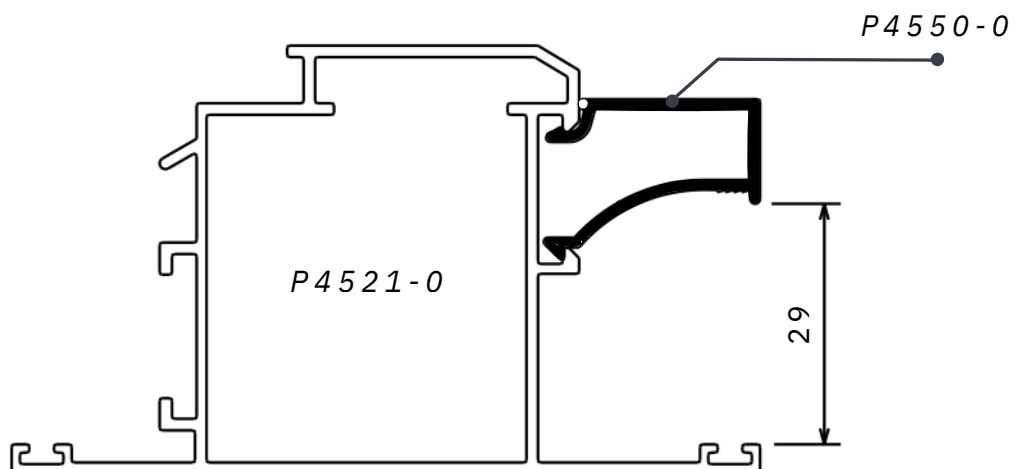
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P4560-0		LAŽNA PREČKA	0.850 kg/m
P4530-0		KRILO PROZORA	0.900 kg/m
P4520-0		KRILO VRATA UNUTRAŠNJE OTVARANJE	1.120 kg/m
P4521-0		KRILO VRATA SPOLJNO OTVARANJE	1.070 kg/m

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P4500-4		ADAPTER ZA PODESIVI UGAONI STUP	0.384 kg/m
P4570-0		PARAPETNI PROFIL	1.300 kg/m
P4500-0		PERVAJZ LAJSNA	0.400 kg/m
P4550-0		RAVNA LAJSNA ZA STAKLO 20mm	0.227 kg/m

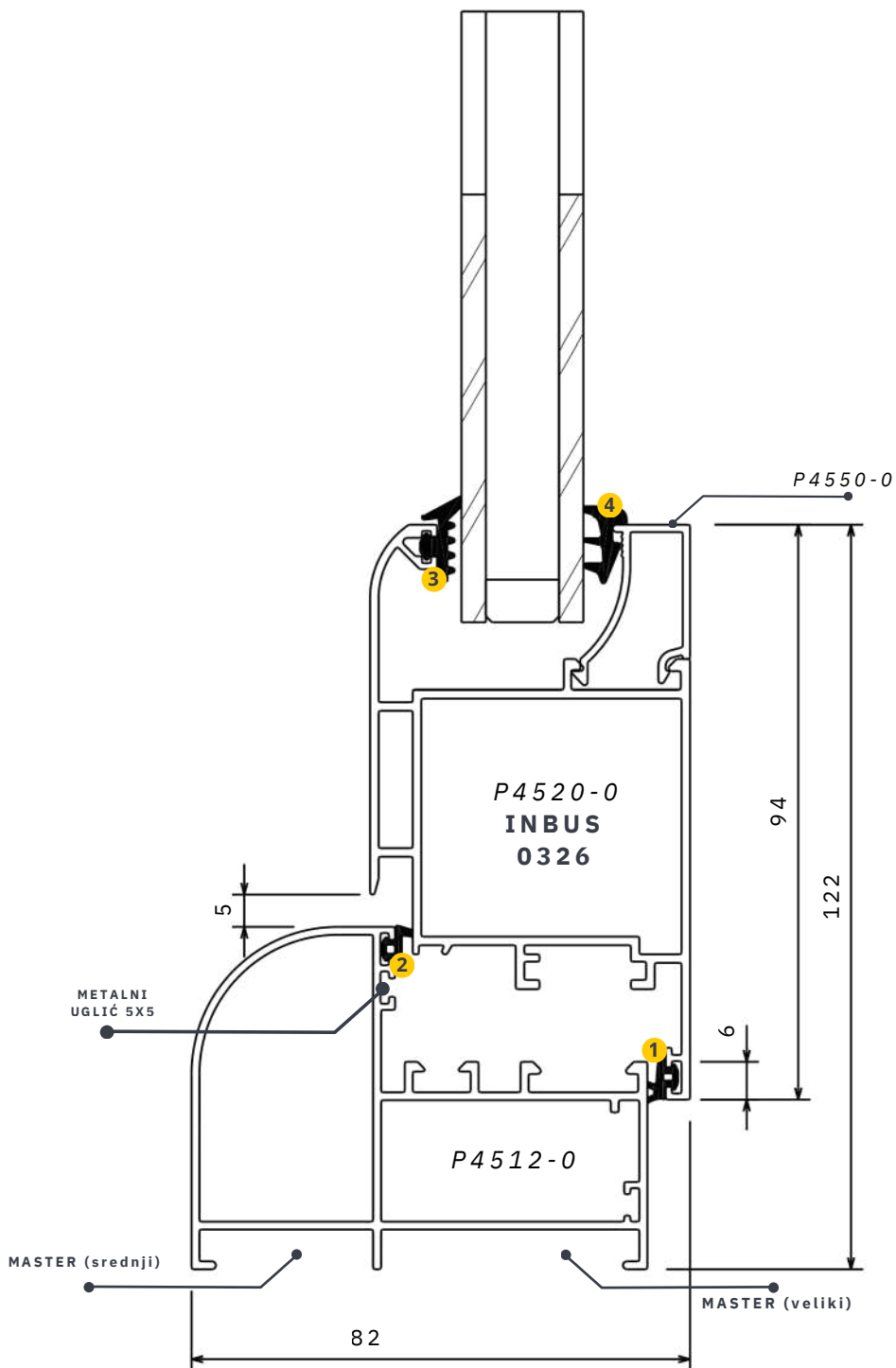
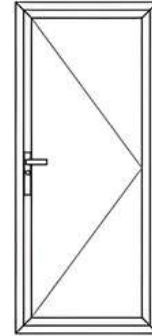
KRILO VRATA (spoljno otvaranje)
SA LAJSNOM ZA STAKLO 20mm



KRILO VRATA (spoljno otvaranje)
SA RAVNOM LAJSNOM ZA STAKLO 20mm

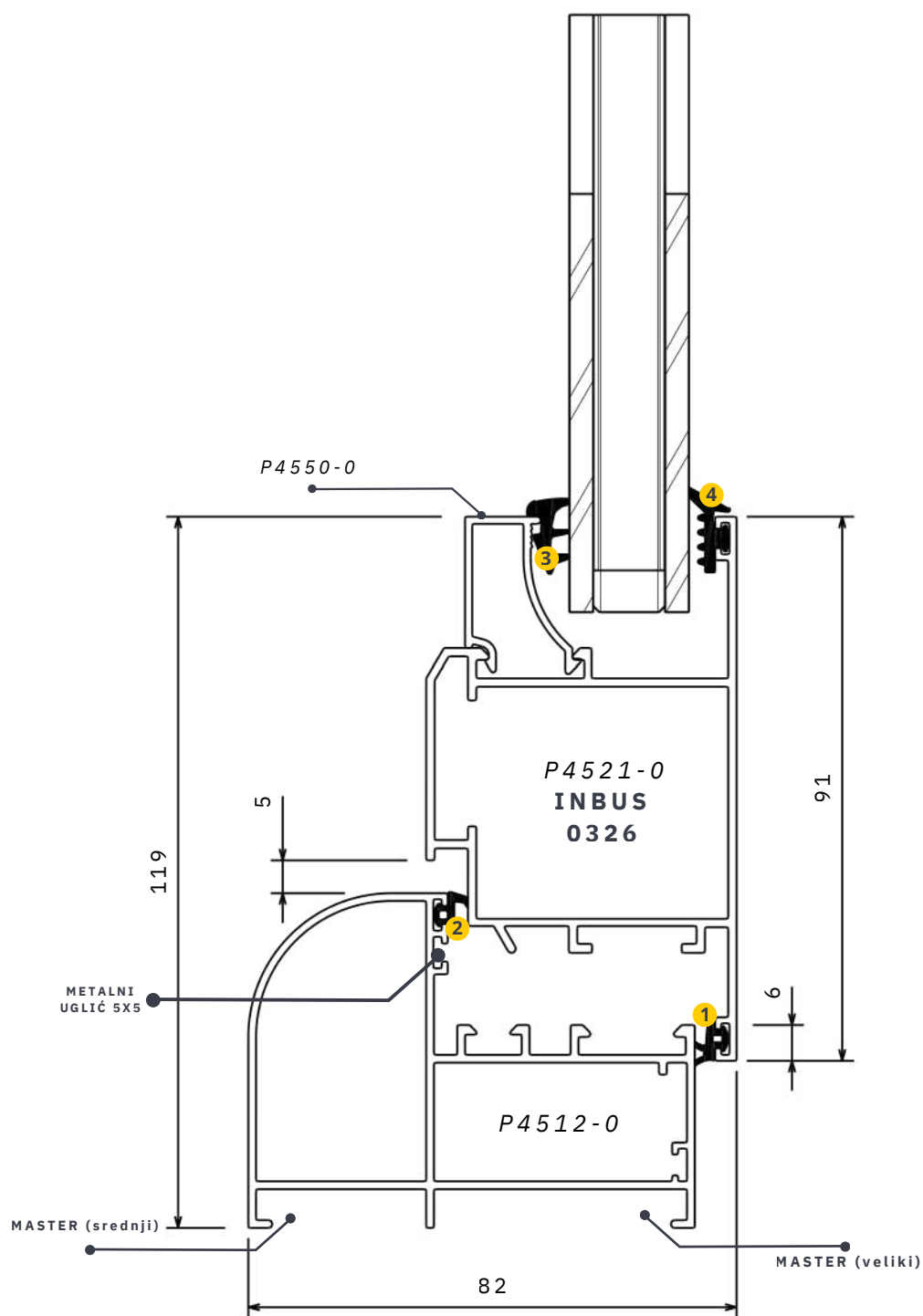
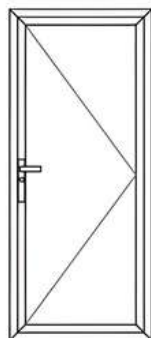


VRATA (unutrašnje otvaranje)



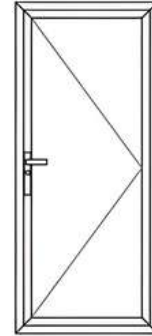
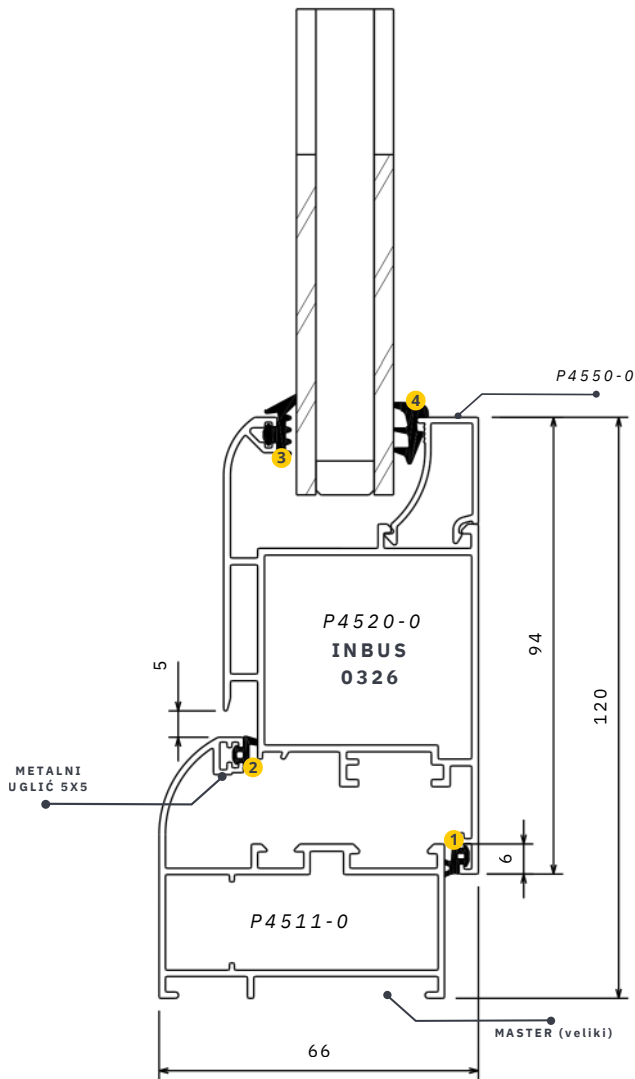
- 1 P 200004
- 2 P 200005
- 3 P 200002
- 4 P 200006

VRATA (spoljno otvaranje)



- 1** P200004
- 2** P200005
- 3** P200006
- 4** P200002

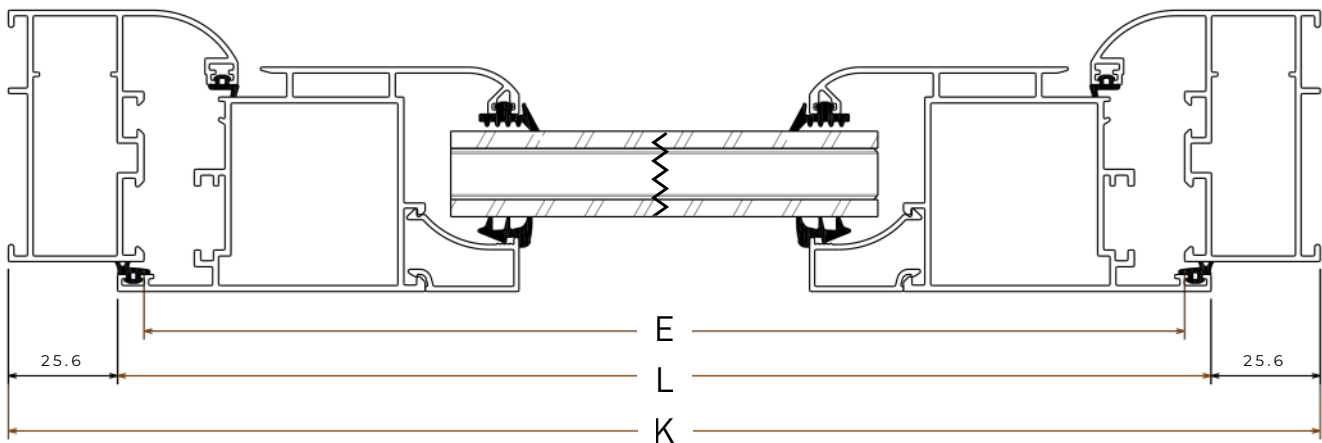
VRATA (unutrašnje otvaranje)

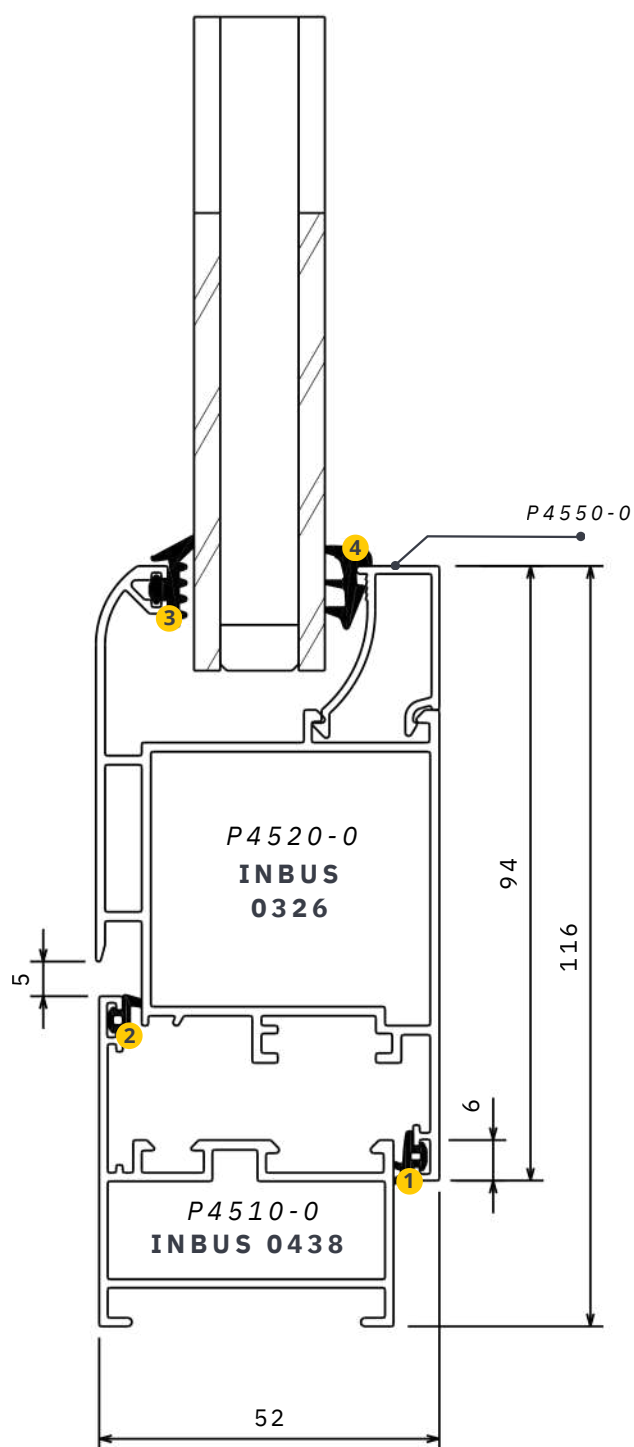
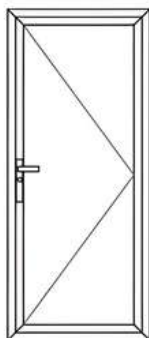


- 1** P200004
- 2** P200005
- 3** P200002
- 4** P200006

$L = E + 12\text{mm}$

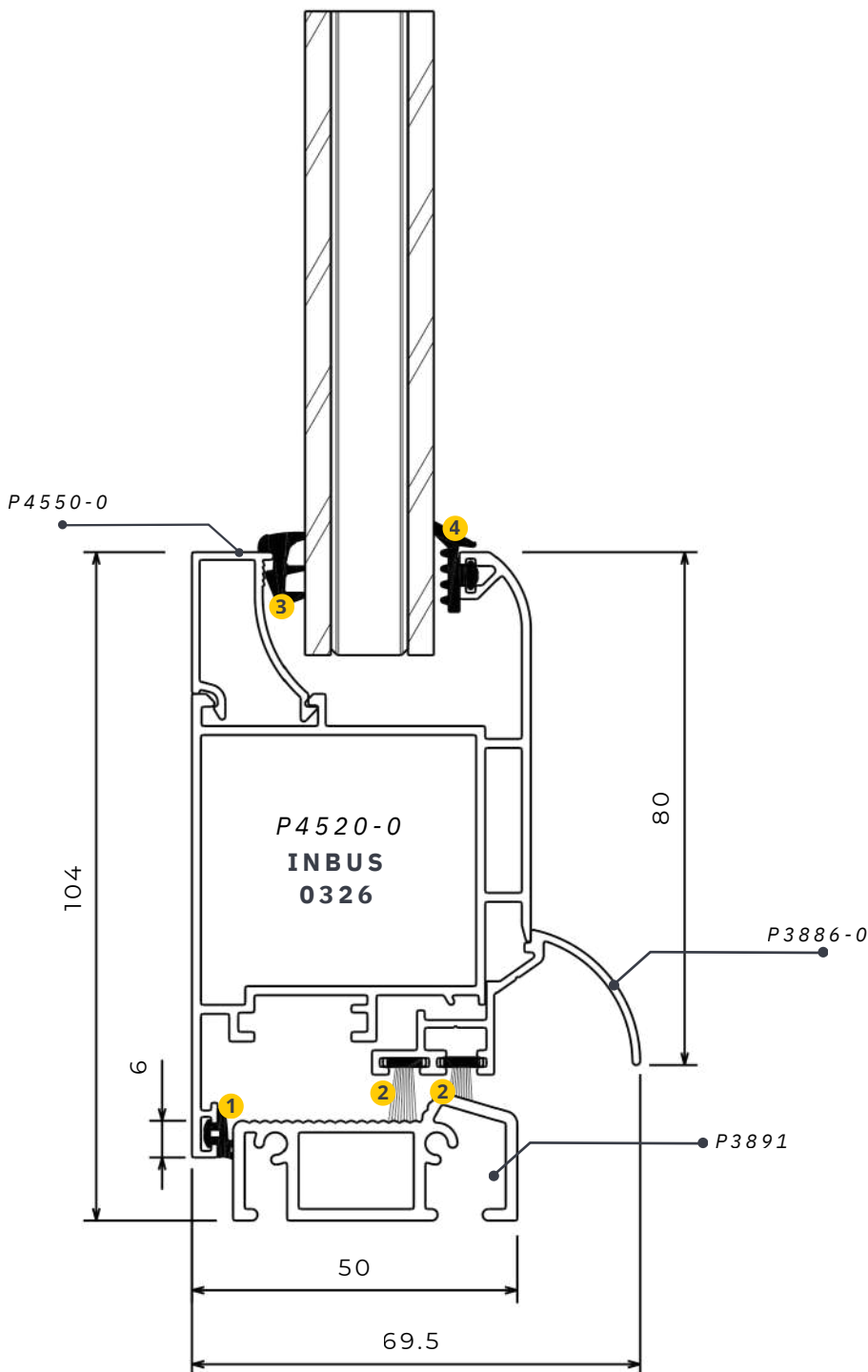
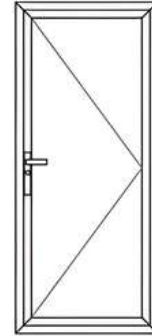
$L = K - 51\text{mm}$



VRATA (unutrašnje otvaranje)


- 1** P200004
- 2** P200005
- 3** P200002
- 4** P200006

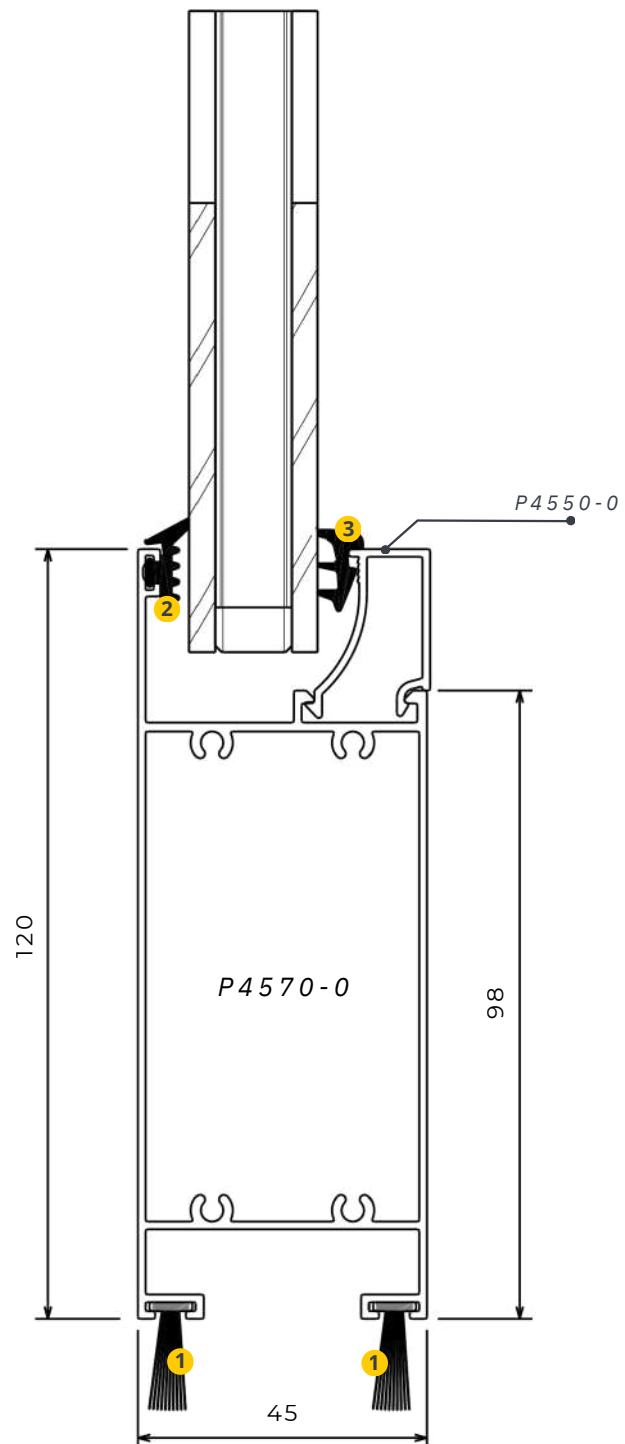
**VRATA (unutrašnje otvaranje)
SA PRAGOM 15.5mm**



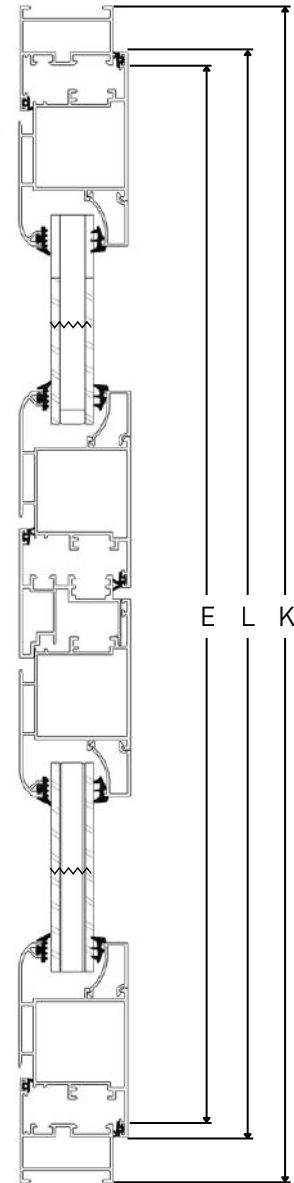
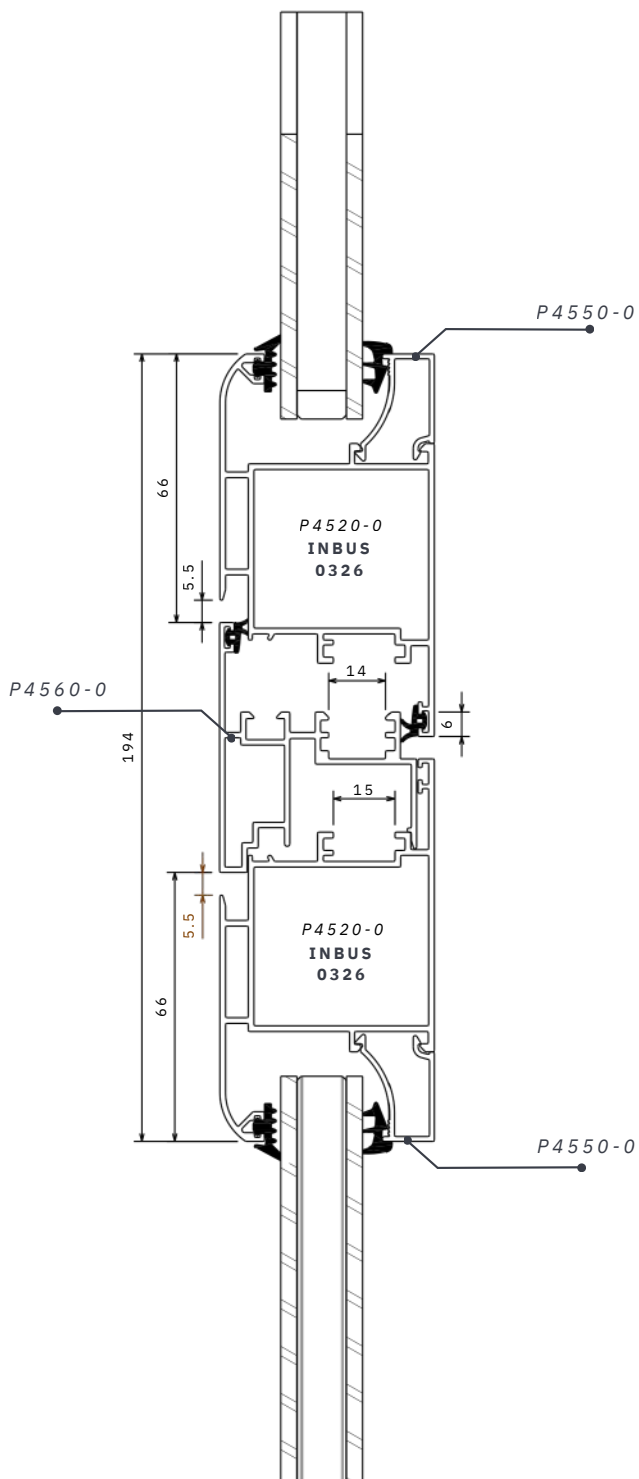
- 1** P200004
- 2** četkica
- 3** P200006
- 4** P200002

PARAPET

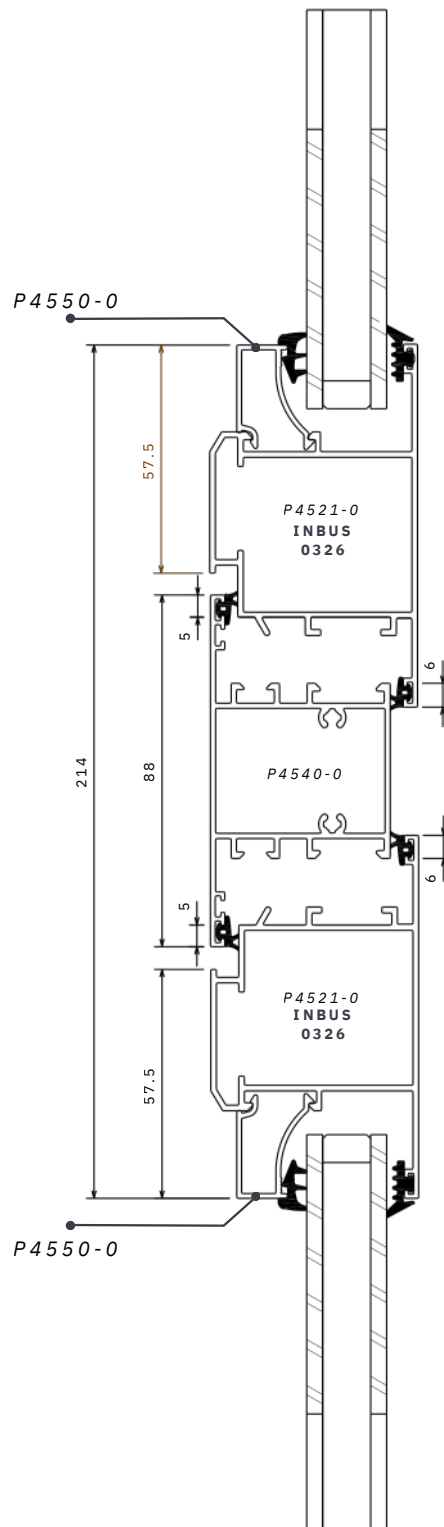
- 1 četkice
- 2 P200002
- 3 P200006



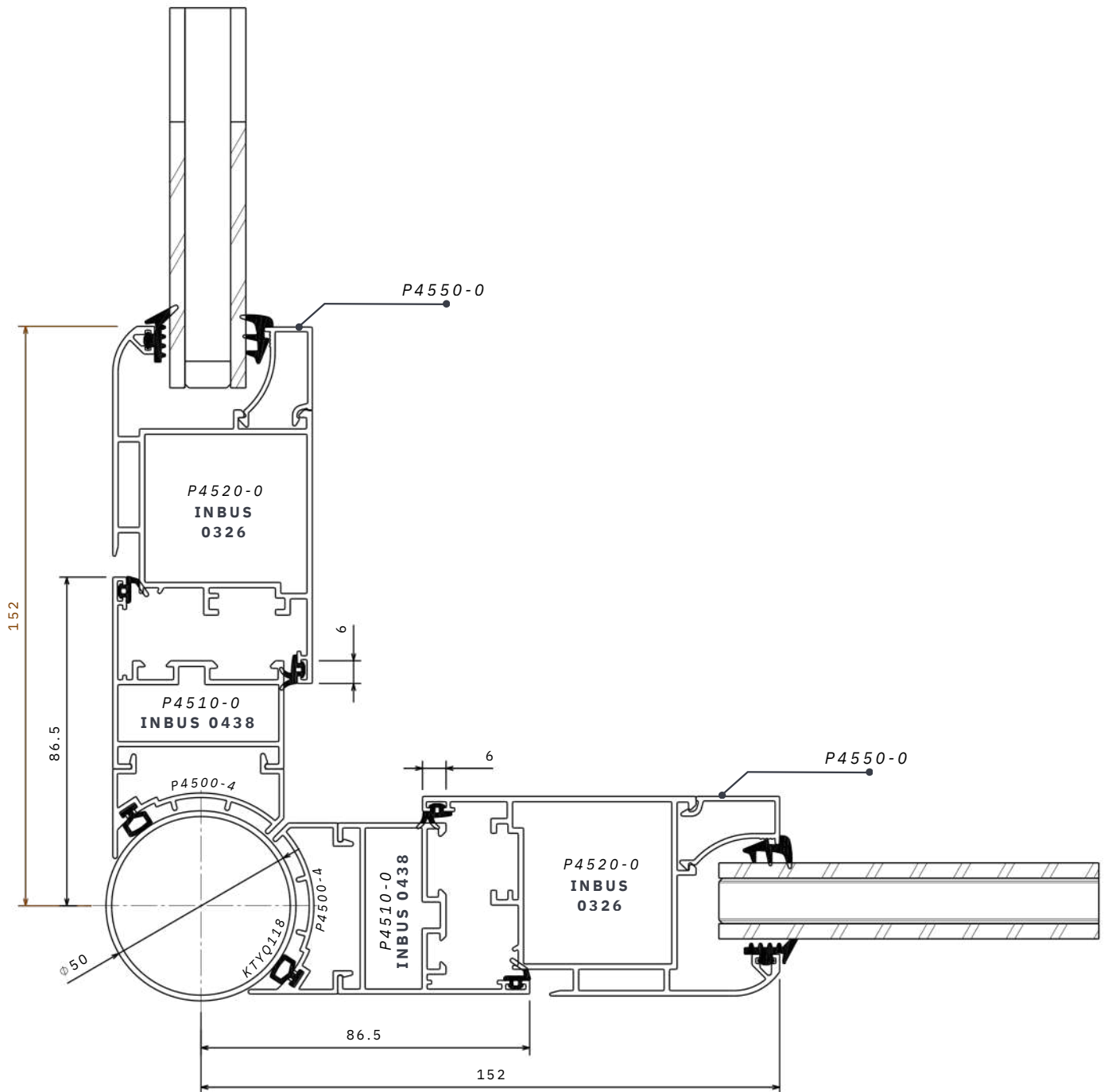
DVOKRILNA VRATA (unutrašnje otvaranje) SA LAŽNOM PREČKOM


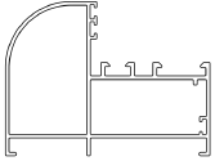

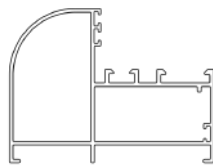
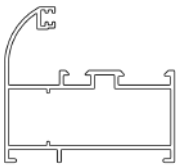

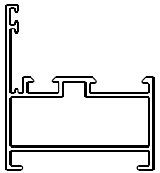

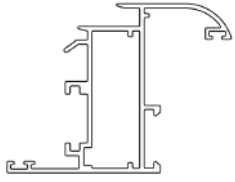

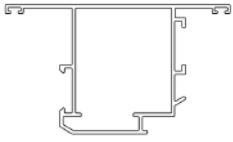
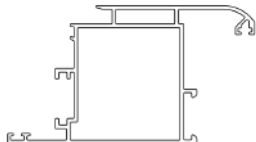

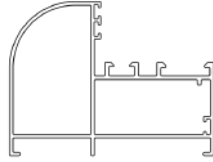
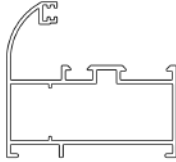
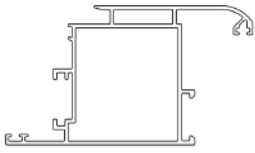


P4510-0	$L = \frac{E + 7\text{mm}}{2}$; $L = \frac{K - 51\text{mm}}{2}$
P4511-0	$L = \frac{E + 7\text{mm}}{2}$; $L = \frac{K - 56\text{mm}}{2}$
P4512-0	$L = \frac{E + 7\text{mm}}{2}$; $L = \frac{K - 61\text{mm}}{2}$

DVOKRILNA VRATA (spoljno otvaranje)
SA T-PREČKOM

**KRILO VRATA (unutrašnje otvaranje)
SA PROIZVOLJNIM UGLOM**



SPOJNICA	PROFILI		
 MASTER (srednji)	 P4512-0		
 MASTER (veliki)	 P4512-0	 P4511-0	
 438	 P4510-0		
 4125	 P4530-0		
 326	 P4521-0	 P4520-0	
 UGLIĆ 5x5mm	 P4512-0	 P4511-0	 P4520-0

WIN  **WIN**  **WIN**  **WIN**  **WIN**  **WI** 
 **WIN**  **WIN**  **WIN**  **WIN**  **WIN** 



WIN AL WIN AL WIN AL WIN AL WIN AL WIN AL WIN AL WIN AL WIN AL WIN AL

TERMO SISTEM

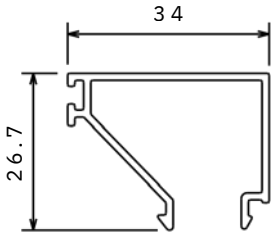
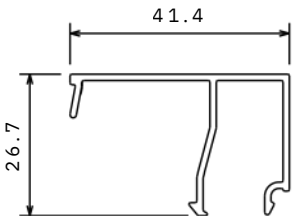
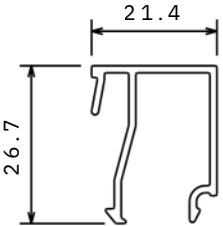
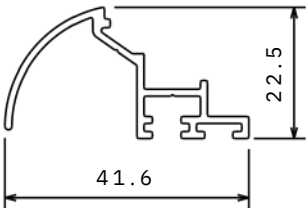
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P70150-0		POLUOBLI ŠTOK 40mm	1.598kg/m
P70100-0		RAVAN ŠTOK 40mm	1.431 kg/m
P70101-0		RAVAN ŠTOK 48mm	1.572 kg/m
P70401-0		T PREČKA 44mm	1.788 kg/m

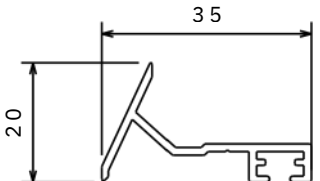
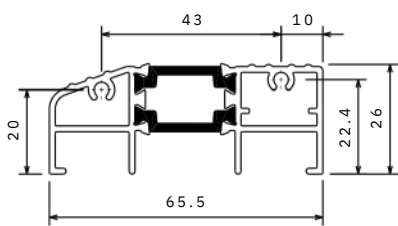
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P70477-0		T-PREČKA	1.654 kg/m
P70400-0		T-PREČKA	1.594kg/m
P70650-0		POLUOBLA LAŽNA PREČKA	1.446kg/m
P70600-0		RAVNA LAŽNA PREČKA	1.283 kg/m

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P70601-0		MULTILOK LAŽNA PREČKA	1.272 kg/m
P70350-0		POLUOBLO KRILO PROZORA	1.593 kg/m
P70351-0		POLUOBLO KRILO PROZORA MULTILOK	1.642 kg/m
P70300-0		RAVNO KRILO PROZORA	1.593kg/m

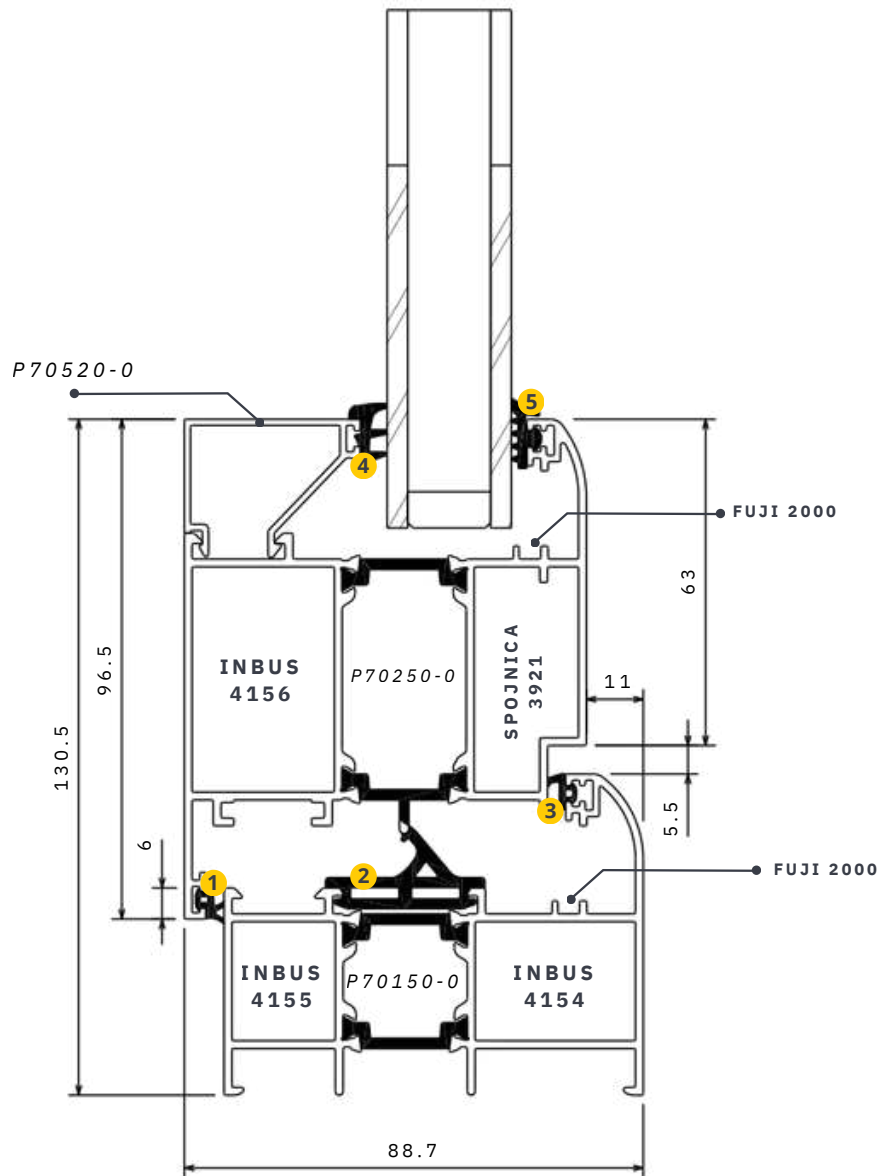
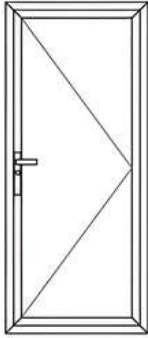
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P70301-0		RAVNO KRILO PROZORA MULTILOK	1.642 kg/m
P70250-0		POLUOBLO KRILO VRATA UNUTRAŠNJE OTVARANJE	1.925kg/m
P70200-0		RAVNO KRILO VRATA UNUTRAŠNJE OTVARANJE	1.856 kg/m
P70251-0		POLUOBLO KRILO VRATA SPOLJNO OTVARANJE	1.925 kg/m

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P70700-0		PARAPETNI PROFIL	2.45 kg/m
P70001-0		CEV ZA UGAONI PROFIL	1.170 kg/m
P70000-0		UGAONI PROFIL	0.250 kg/m
P70530-0		LAJSNA ZA STAKLO 20mm	0.360 kg/m

ŠIFRA	PRESE	NAZIV PROFILA	TEŽINA kg/m
P70520-0		LAJSNA ZA STAKLO 24mm	0.330 kg/m
P70550-0		LAJSNA ZA STAKLO 24mm	0.343 kg/m
P70551-0		LAJSNA ZA STAKLO 44mm (za ravno krilo)	0.277 kg/m
P70850-0		DODATNI PROFIL ZA KRILO VRATA	0.314 kg/m

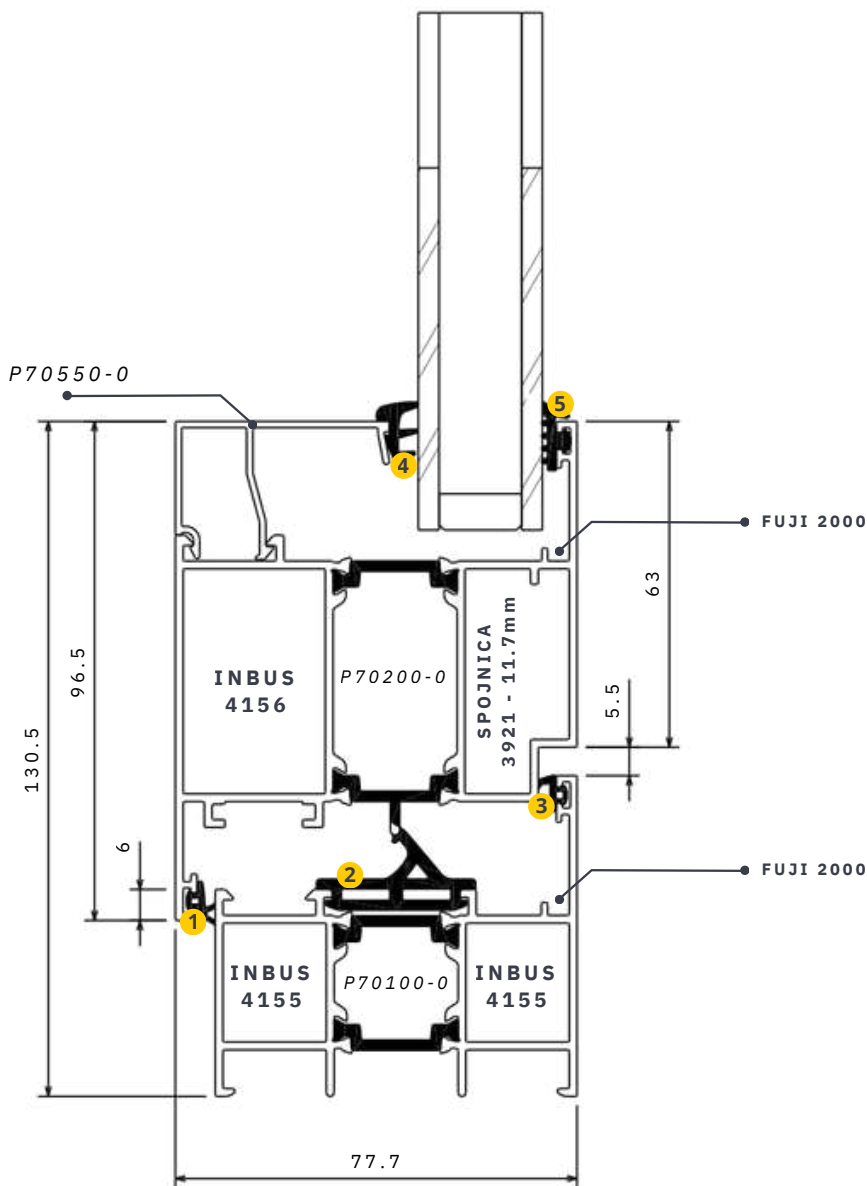
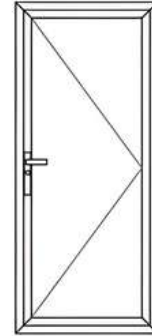
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P70800-0		DODATNI PROFIL ZA RAVNO KRILO VRATA	0.239 kg/m
P70900		PRAG 26MM	1.020kg/m

VRATA UNUTRAŠNJE OTVARANJE poluobli sistem



- 1** P200004
- 2** P200003
- 3** P200005
- 4** P200006
- 5** P200002

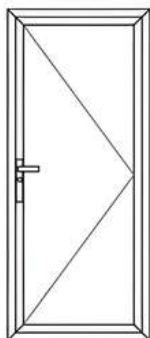
VRATA UNUTRAŠNJE OTVARANJE
ravni sistem



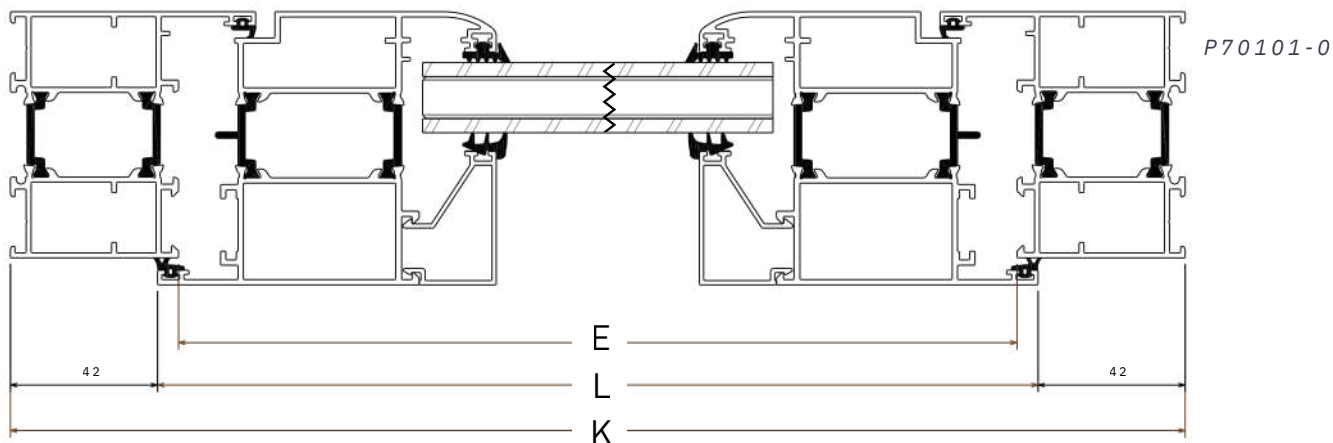
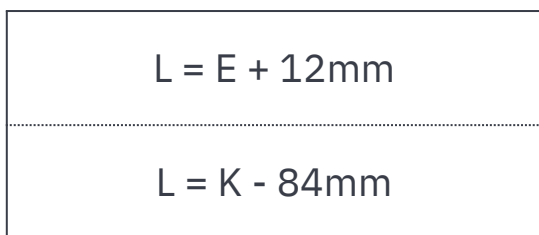
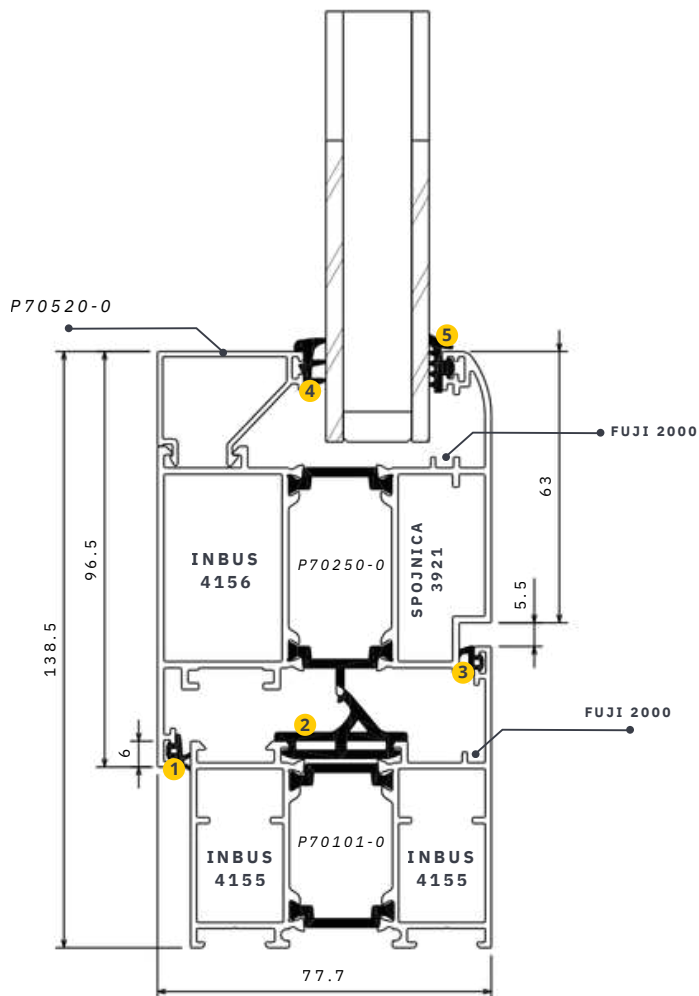
- 1** P 200004
- 2** P 200003
- 3** P 200005
- 4** P 200006
- 4** P 200002

VRATA UNUTRAŠNJE OTVARANJE

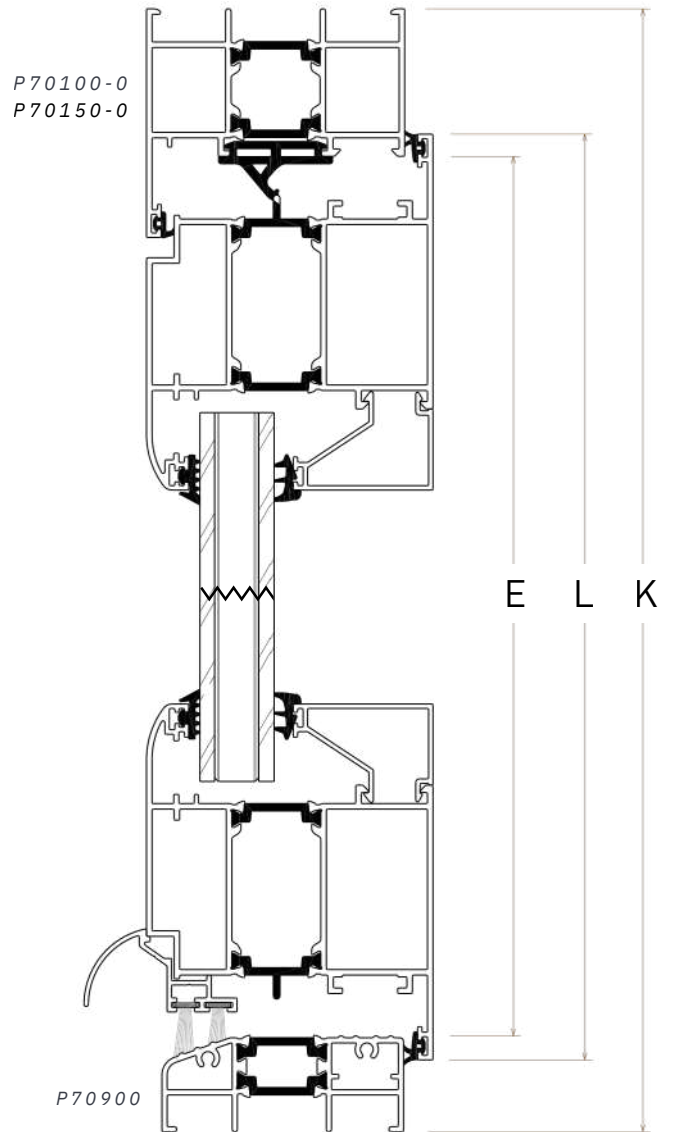
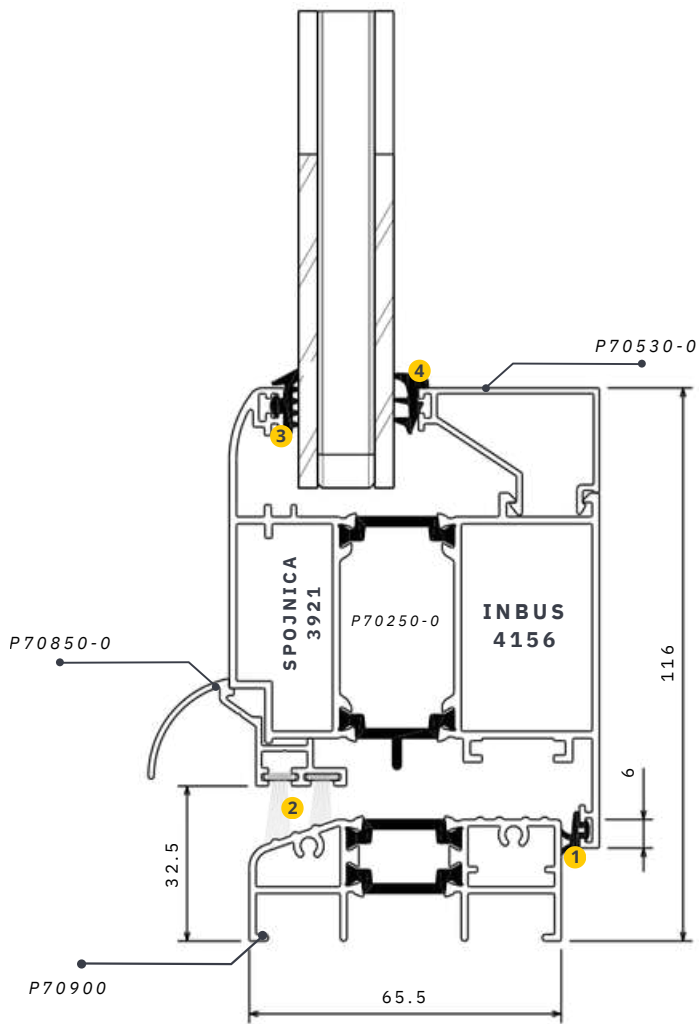
poluobli i ravni sistem



- 1** P200004
- 2** P200003
- 3** P200005
- 4** P200006
- 5** P200002



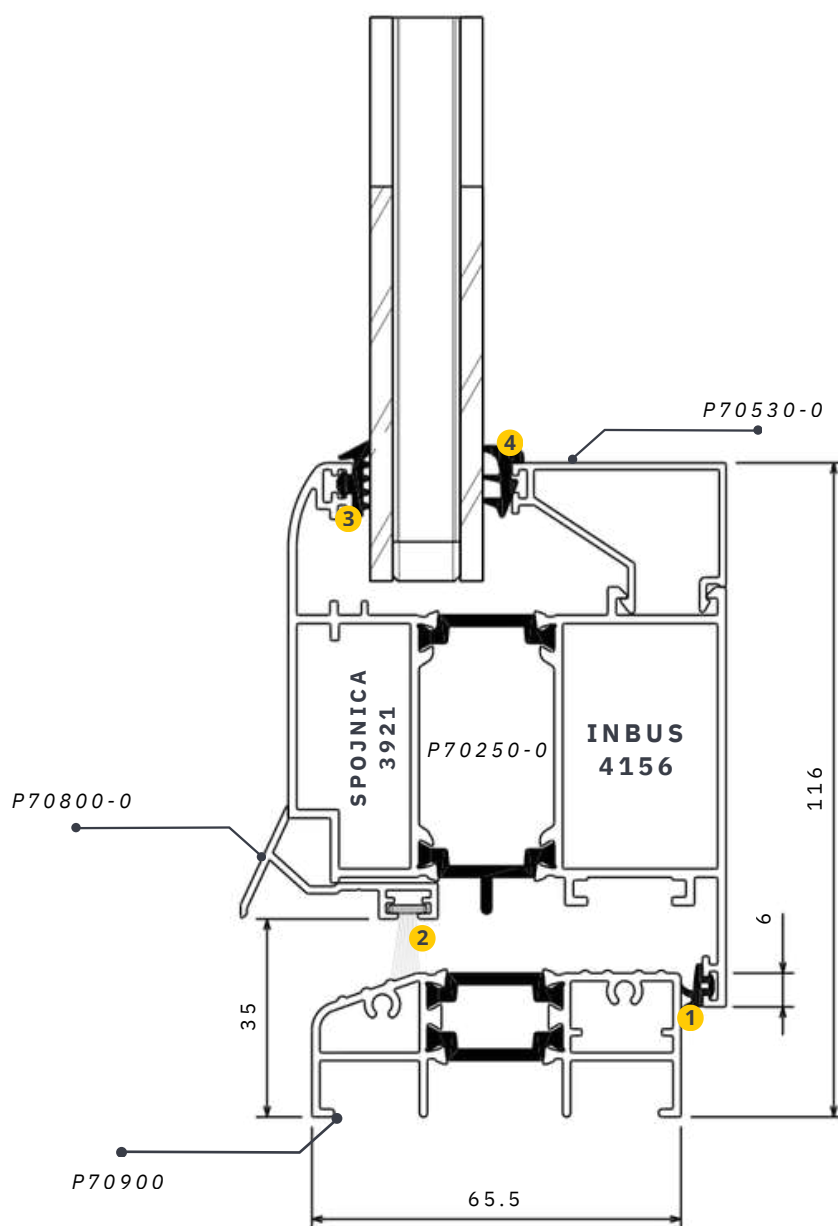
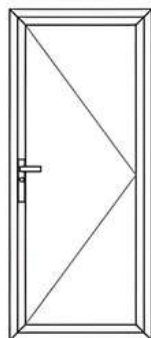
**VRATA (unutrašnje otvaranje)
SA TERMO PRAGOM**



- 1** P200004
- 2** četkice
- 3** P200002
- 4** P200006

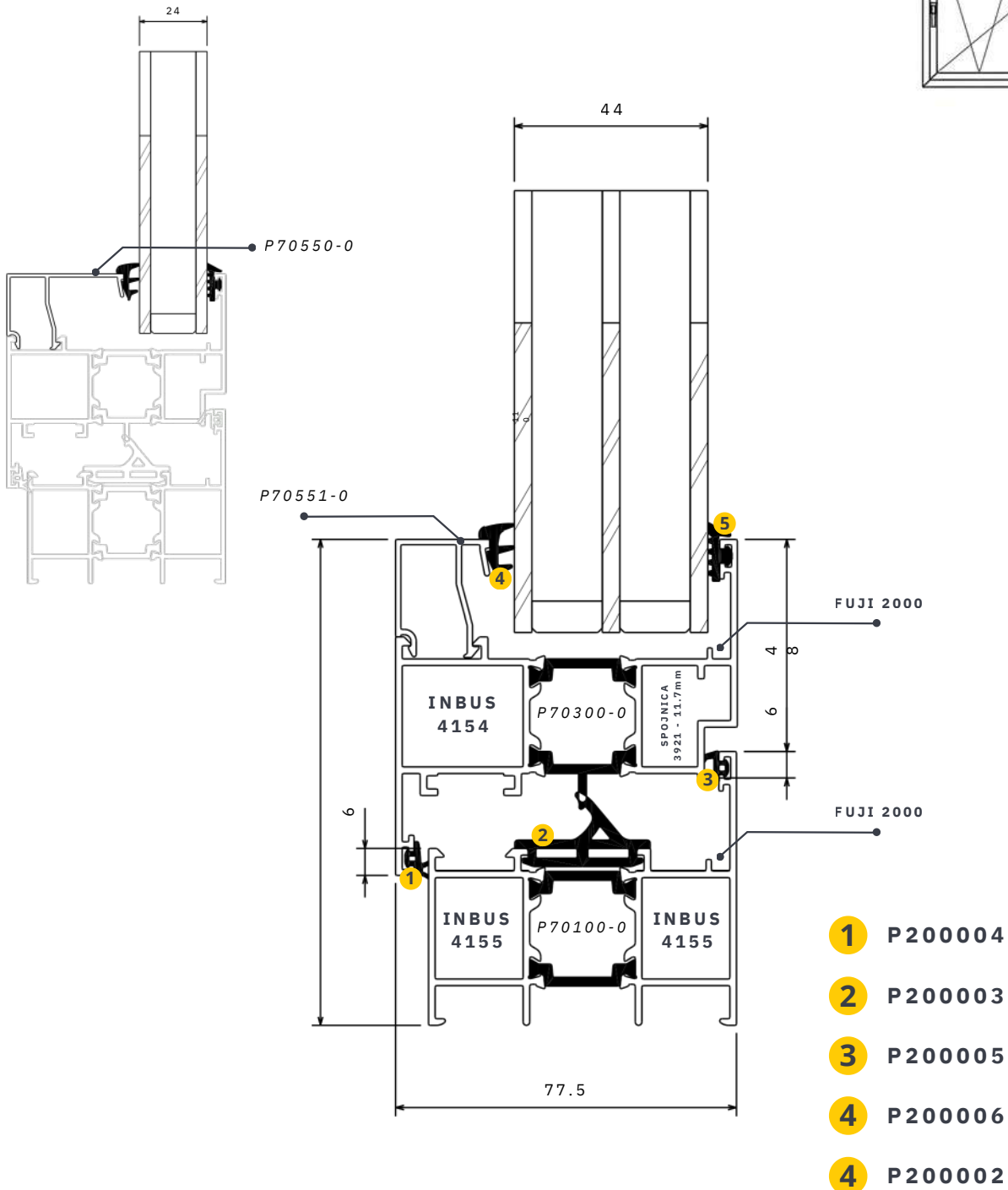
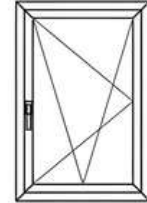
P70100-0 P70150-0	L = E + 12mm L = K - 54mm
P70101-0	L = E + 12mm L = K - 62mm

VRATA (unutrašnje otvaranje) SA TERMO PRAGOM



- 1** P200004
- 2** četkica
- 3** P200002
- 4** P200006

**PROZOR - troslojni i dvoslojni paket stakla
ravni sistem**

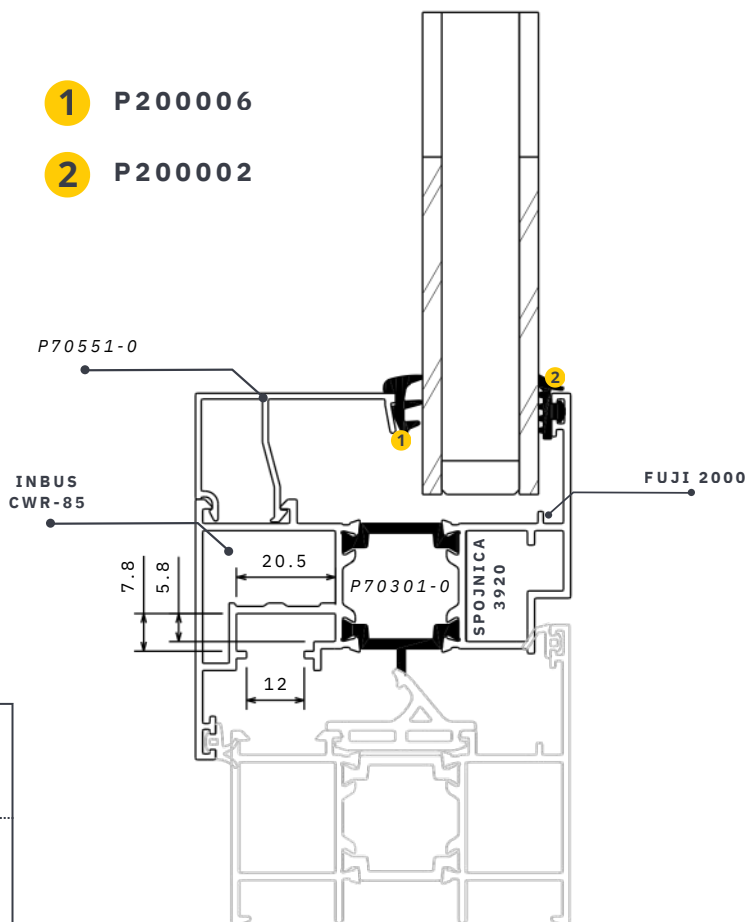


**PROZOR - multilock
ravni sistem**



1 P200006

2 P200002

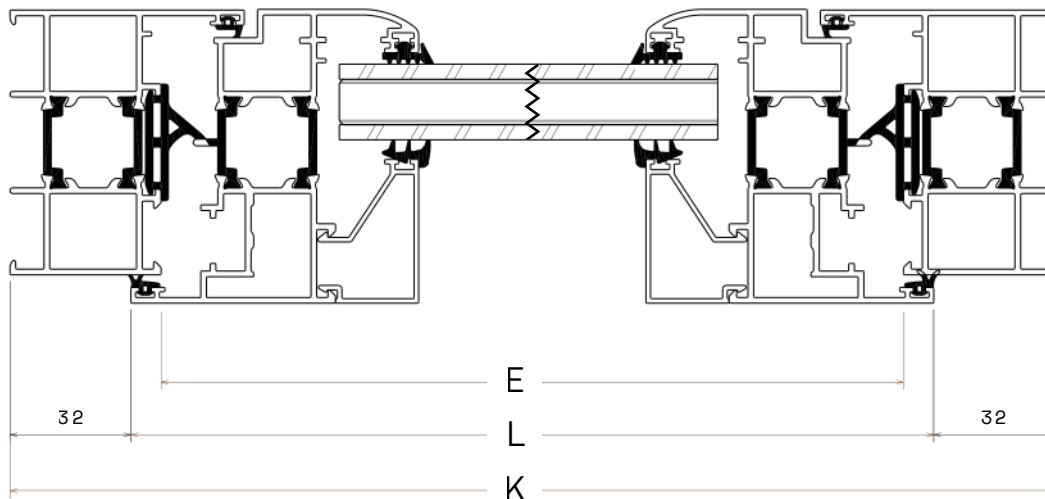


$$L = E + 12\text{mm}$$

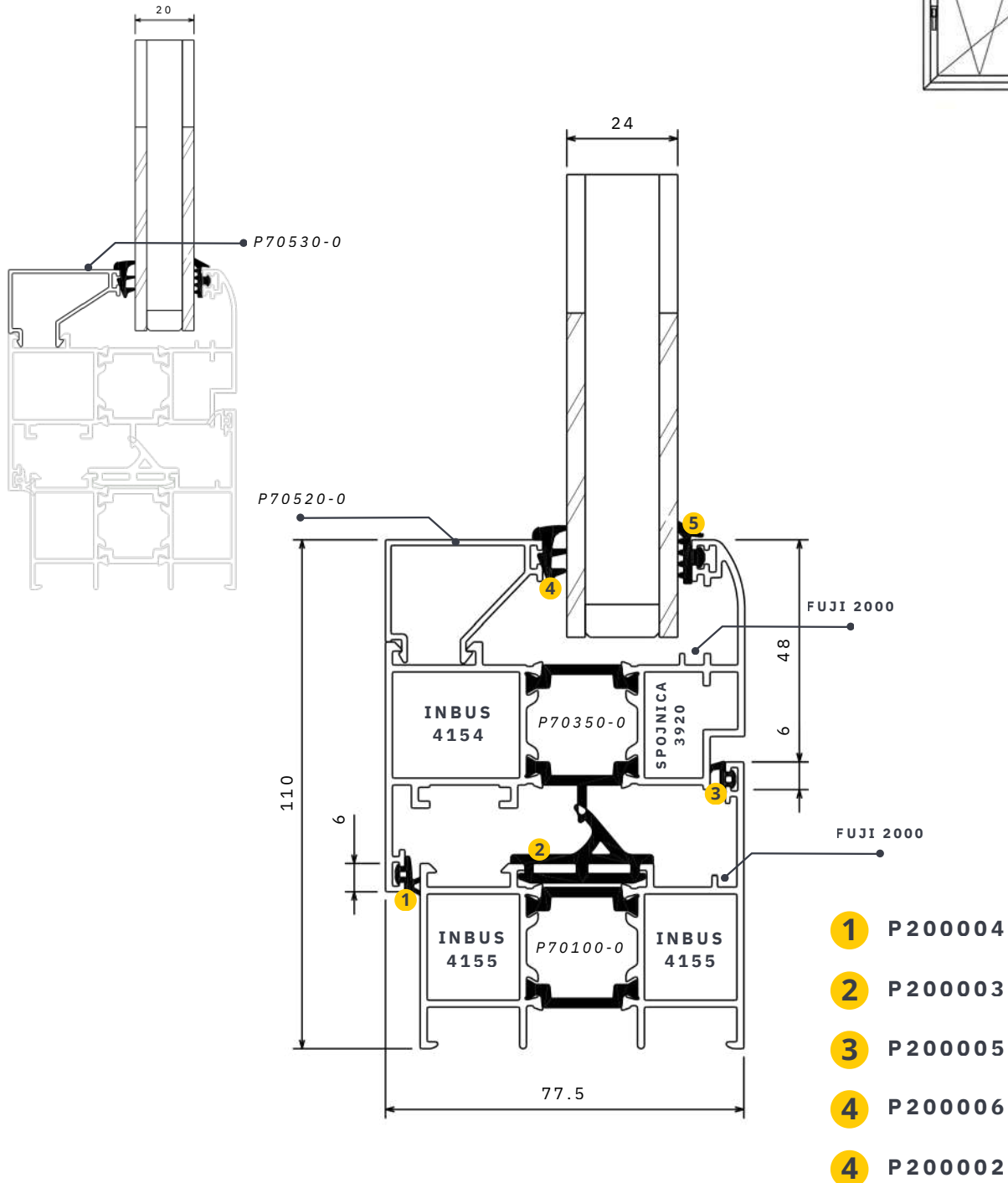
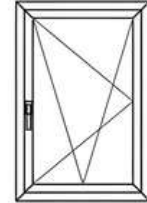
$$L = K - 68\text{mm}$$

P70300-0 P70301-0
P70350-0 P70351-0

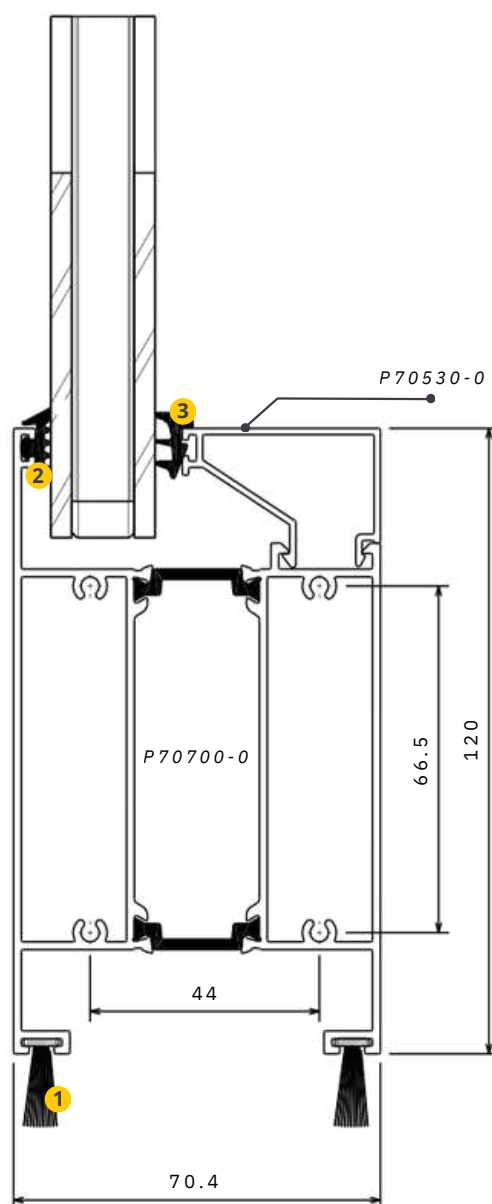
P70100-0
P70150-0



PROZOR ravni i obli sistem

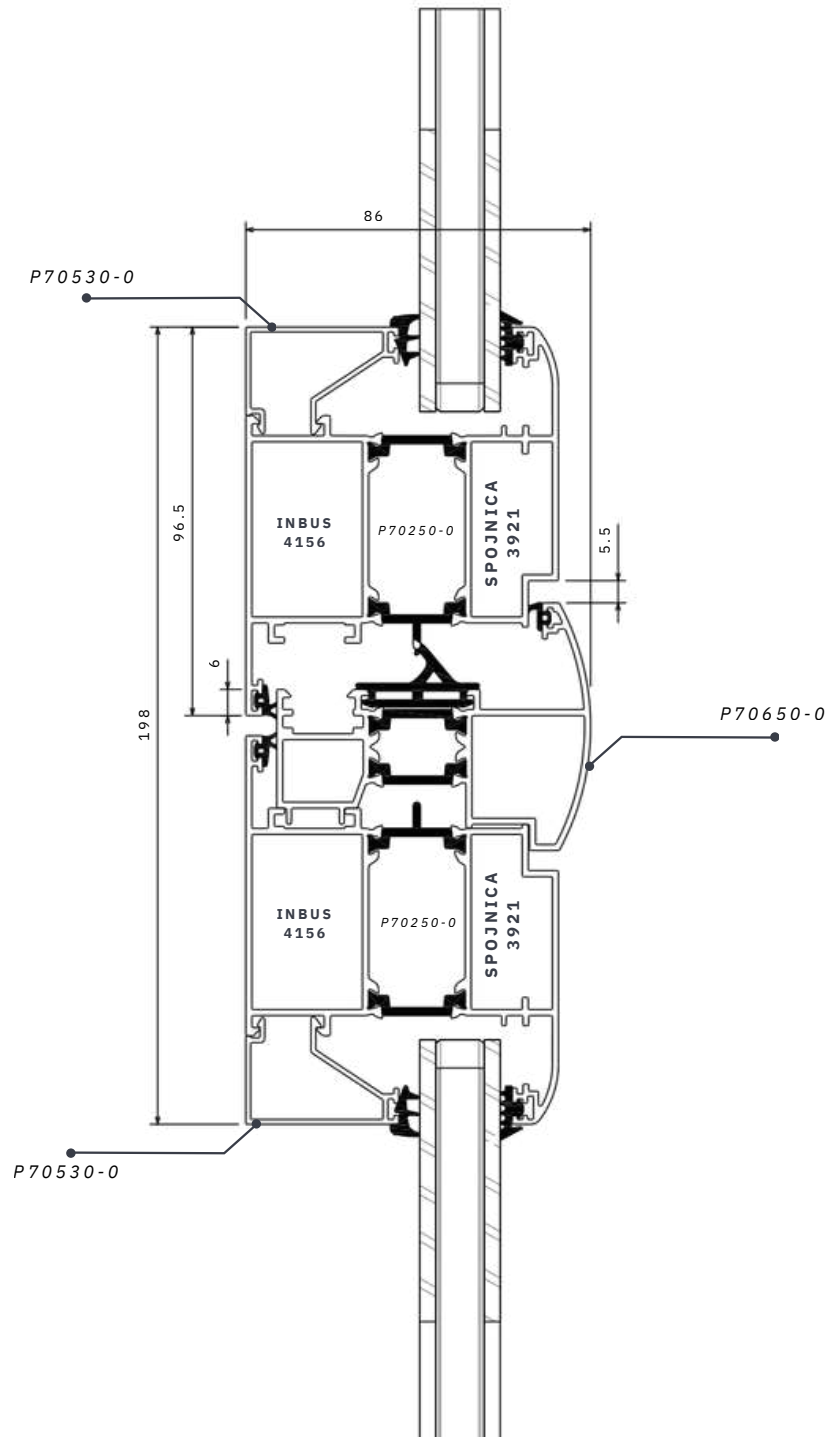


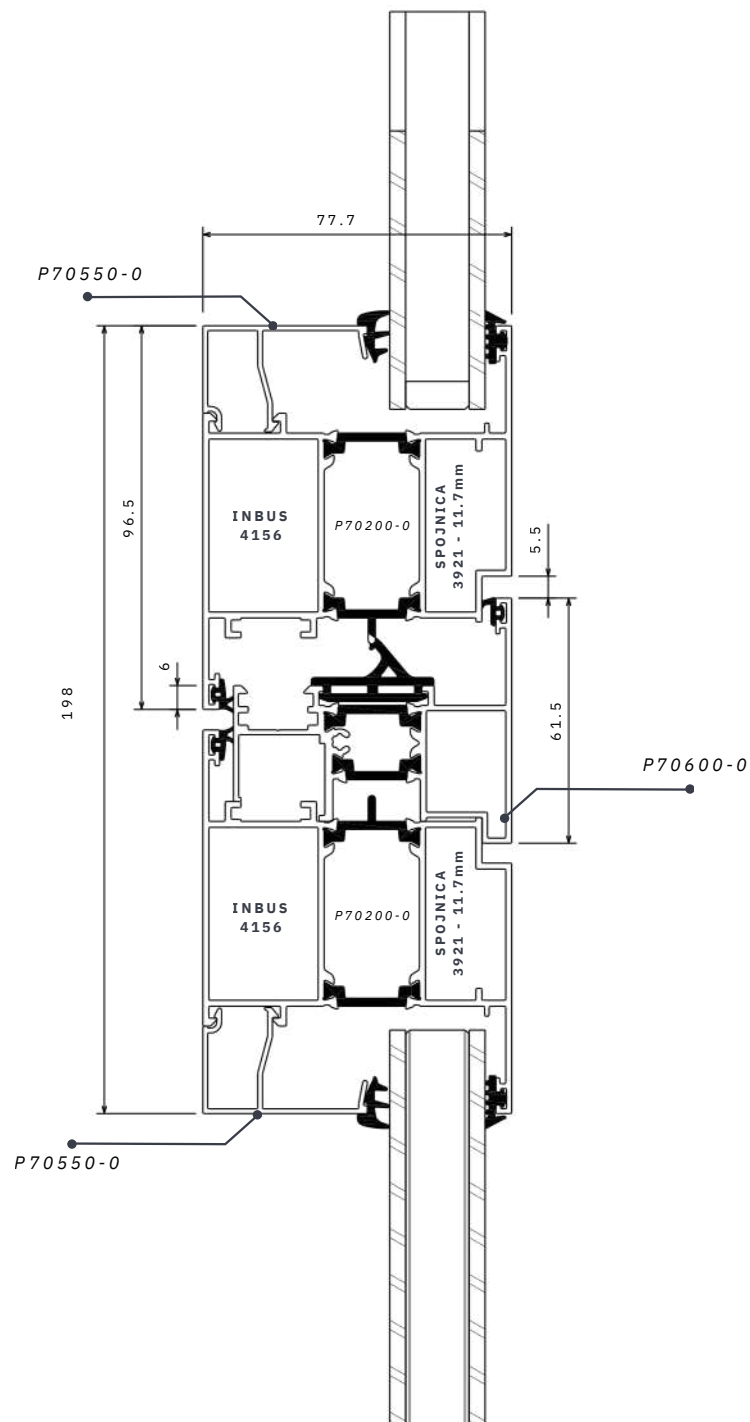
PARAPET



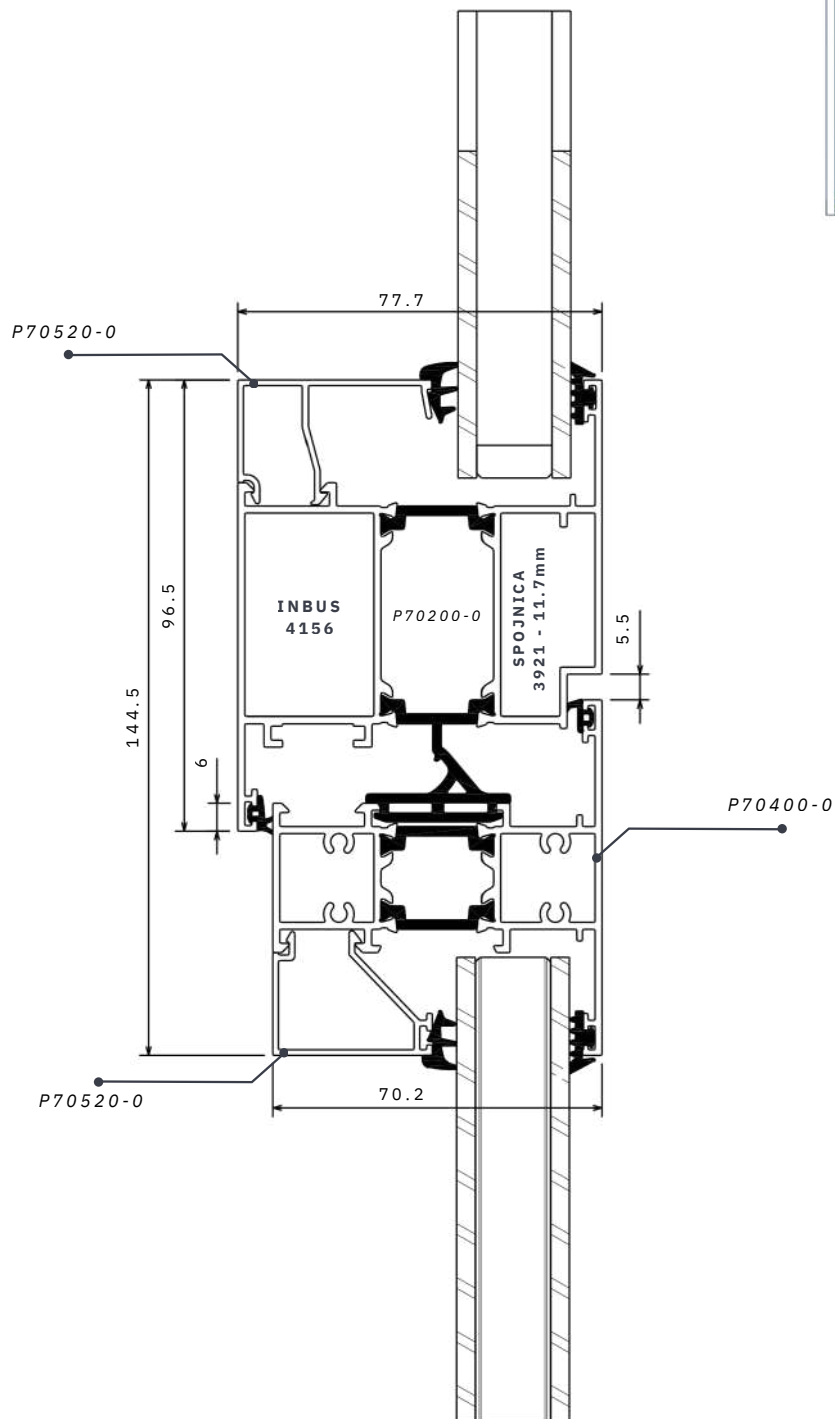
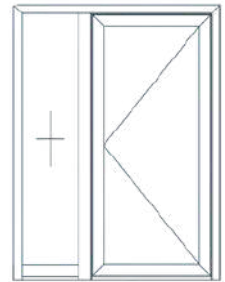
- 1** četkice
- 2** P200002
- 3** P200006

**DVOKRILNA VRATA (obli sistem)
SA LAŽNOM PREČKOM**

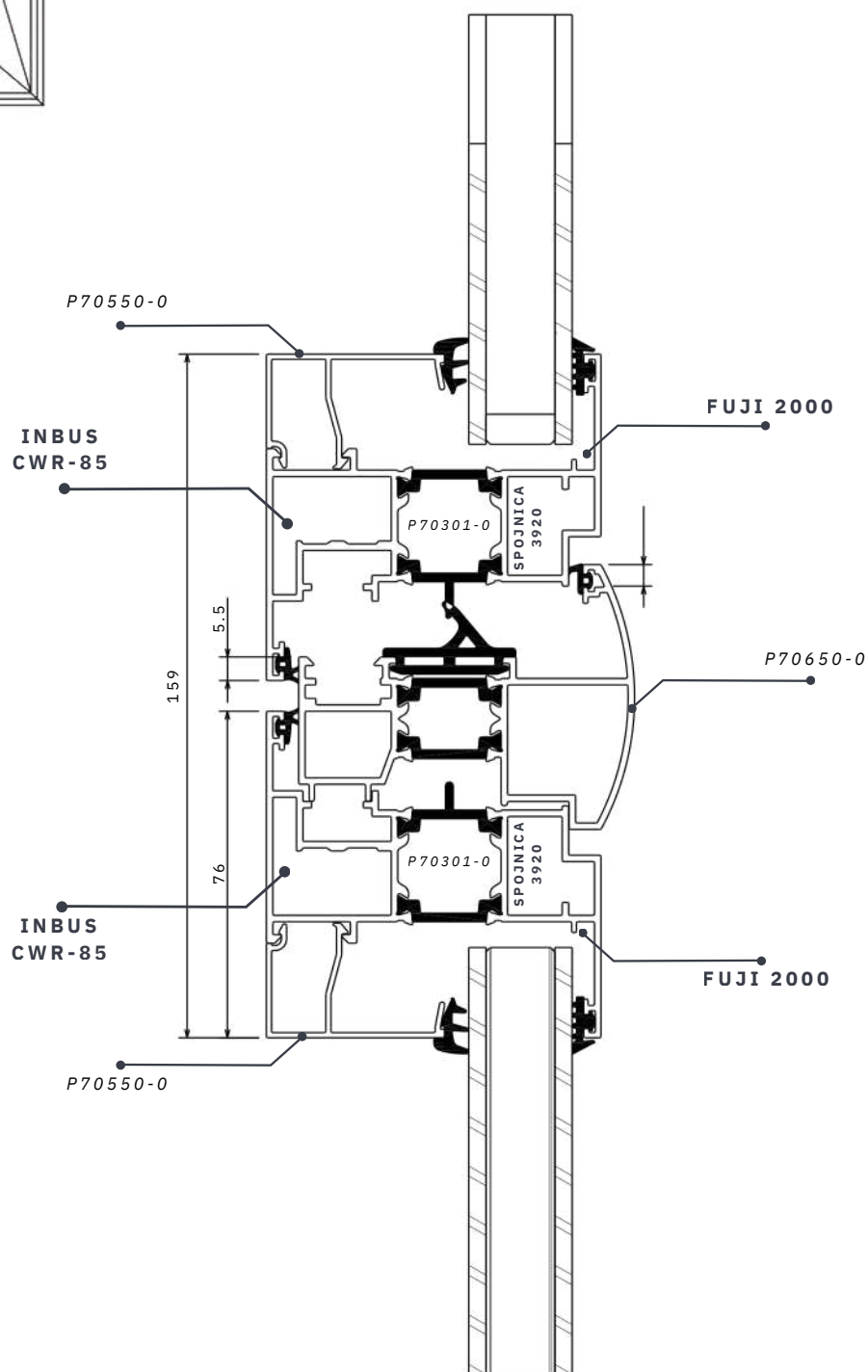
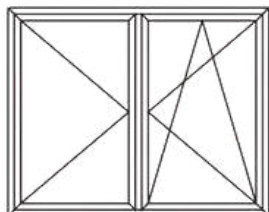


DVOKRILNA VRATA (ravni sistem)
SA LAŽNOM PREČKOM

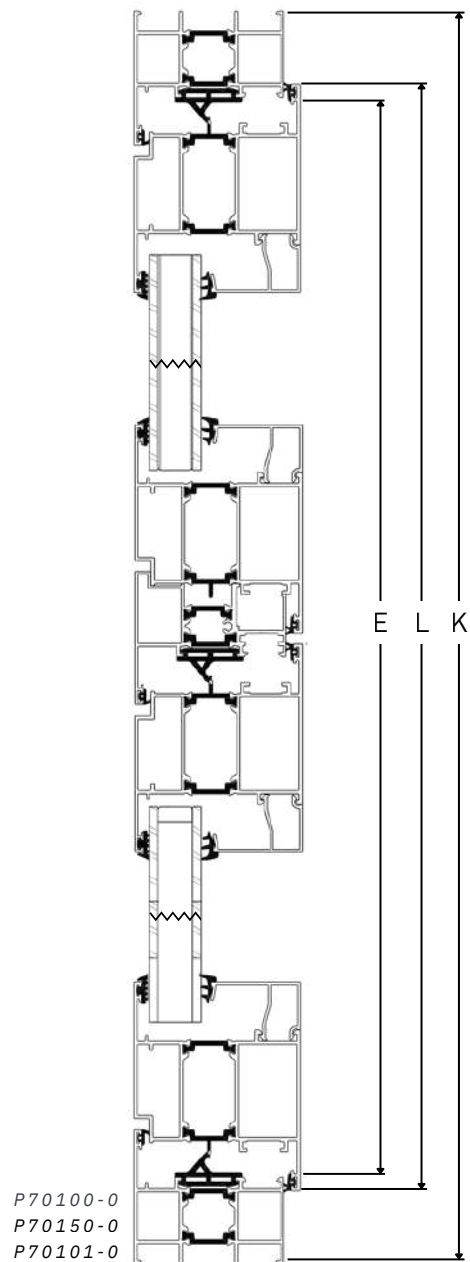
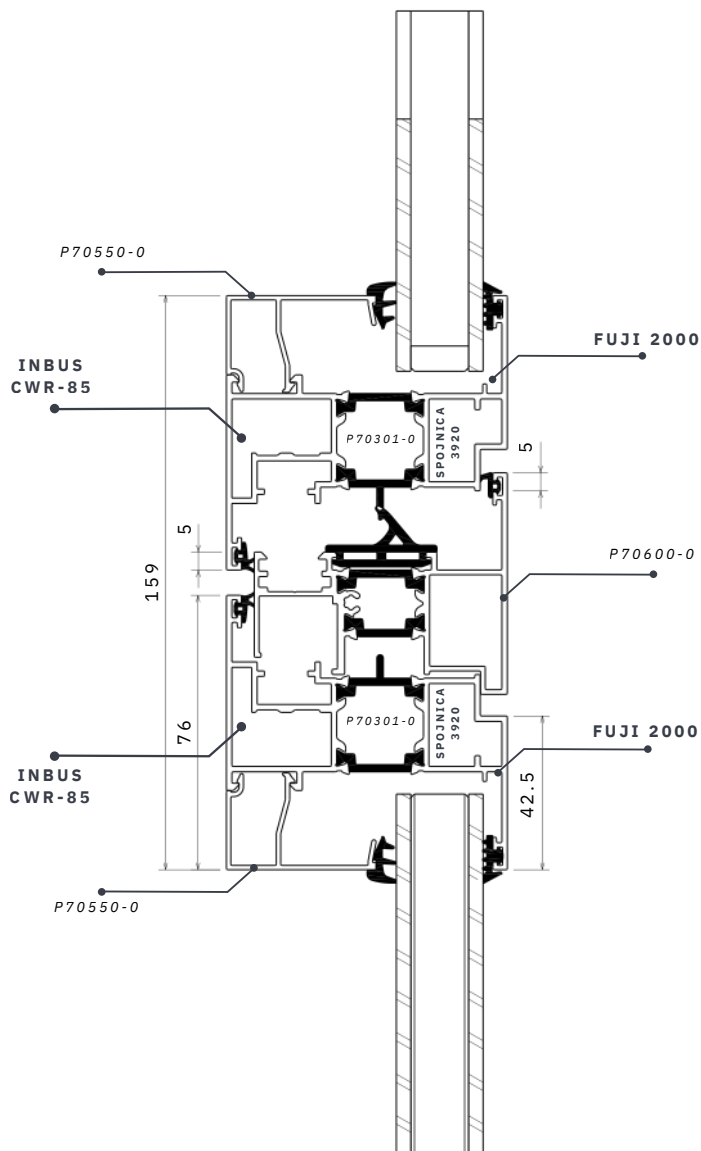
**VRATA (ravni sistem)
SA FIKSOM**



DVOKRILNI PROZOR MULTILOCK (ravni sistem) SA OBLOM LAŽNOM PREČKOM

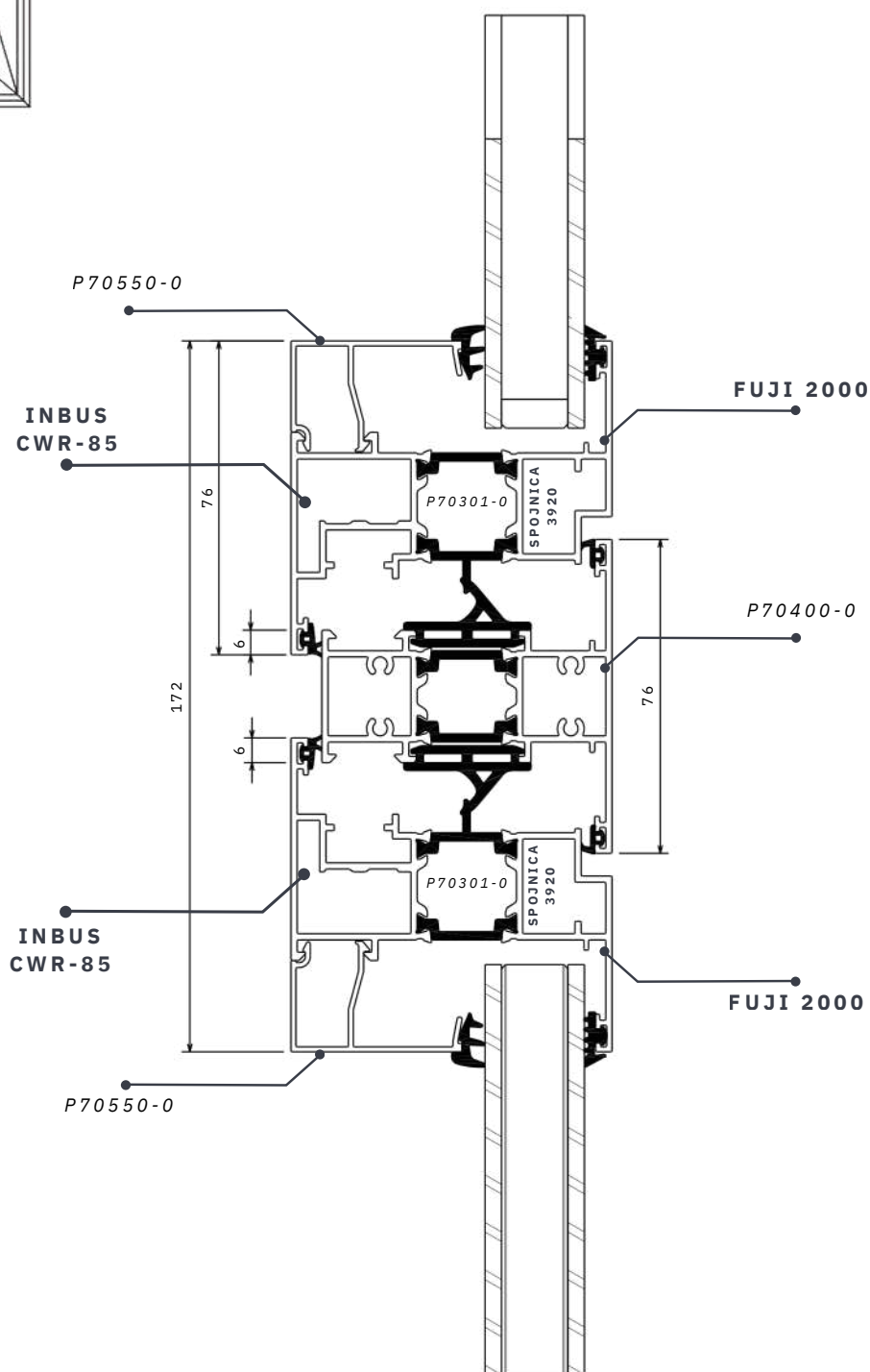
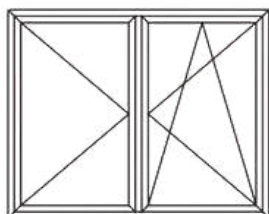


DVOKRILNI PROZOR MULTILOCK SA LAŽNOM PREČKOM (ravni sistem)

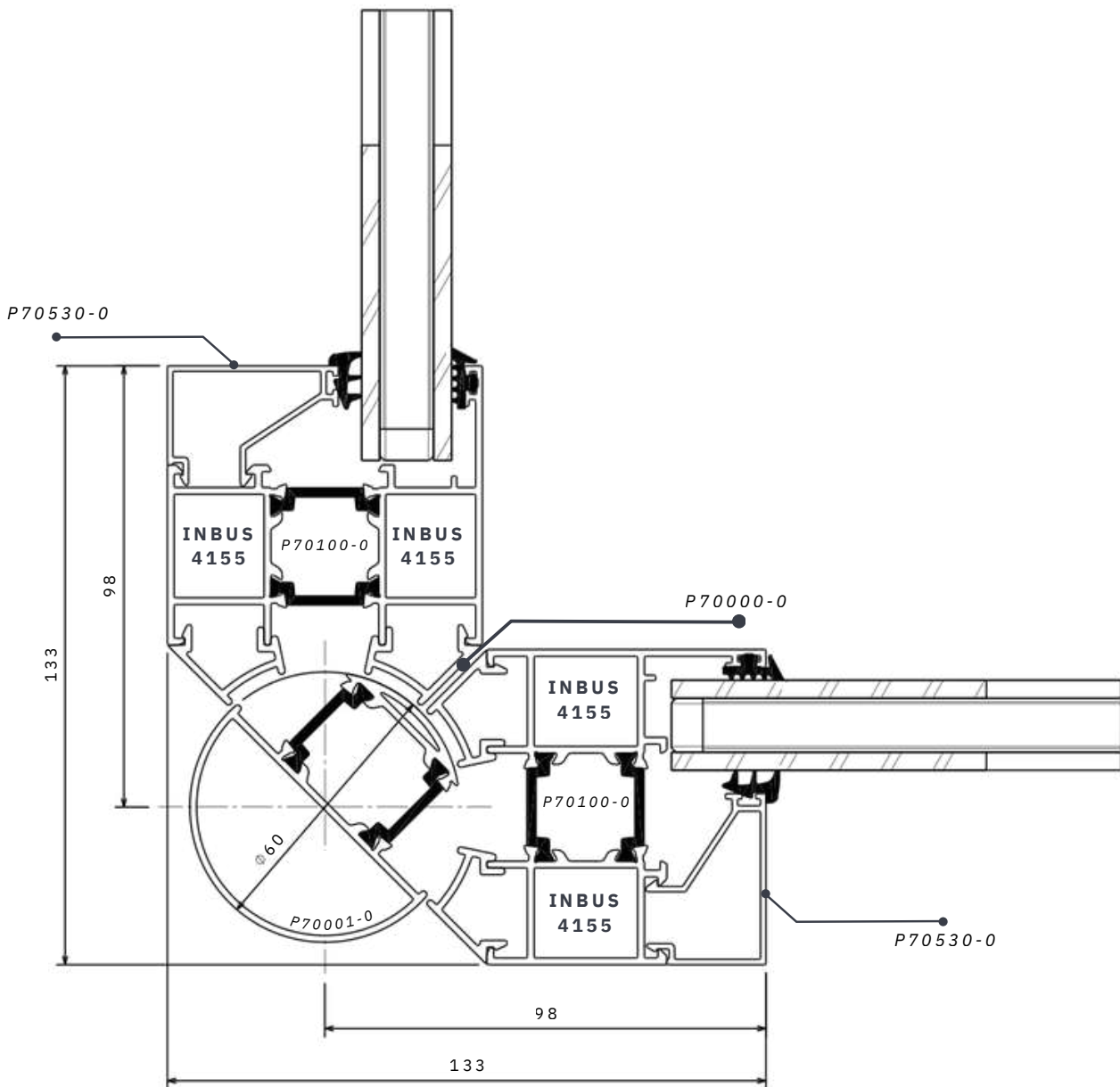



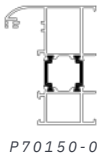
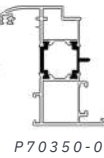
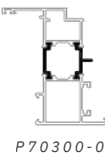

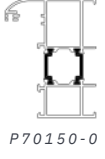
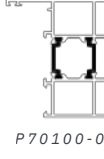
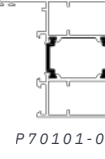

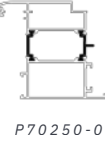
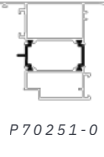
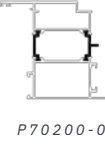

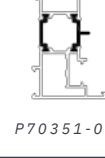
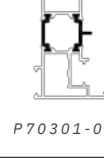

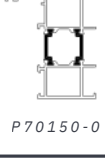

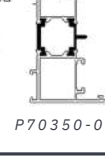
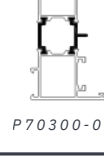
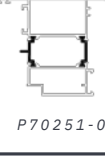

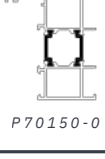
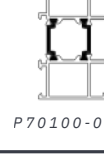
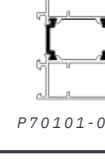
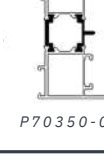

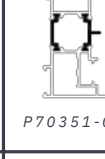
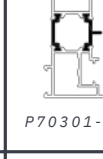

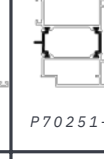



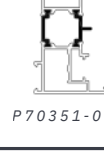

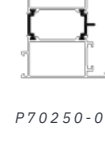
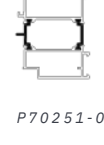
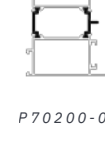
P70100-0 P70150-0	$L = \frac{E + 7\text{mm}}{2} ; L = \frac{K - 73\text{mm}}{2}$
P70101-0	$L = \frac{E + 7\text{mm}}{2} ; L = \frac{K - 89\text{mm}}{2}$

DVOKRILNI PROZOR MULTILOCK SA T PREČKOM (ravni sistem)



FIKS SA PROIZVOLJNIM UGLOM



SPOJNICA	PROFILI									
 4154	 <i>P70150-0</i>	 <i>P70350-0</i>	 <i>P70300-0</i>							
 4155	 <i>P70150-0</i>	 <i>P70100-0</i>	 <i>P70101-0</i>							
 4156	 <i>P70250-0</i>	 <i>P70251-0</i>	 <i>P70200-0</i>							
 CWR-85	 <i>P70351-0</i>	 <i>P70301-0</i>								
 MASTER (veliki)	 <i>P70150-0</i>									
 PVC uglić	 <i>P70350-0</i>	 <i>P70300-0</i>	 <i>P70251-0</i>							
 FUJI 2000	 <i>P70150-0</i>	 <i>P70100-0</i>	 <i>P70101-0</i>	 <i>P70350-0</i>	 <i>P70300-0</i>	 <i>P70351-0</i>	 <i>P70301-0</i>	 <i>P70250-0</i>	 <i>P70251-0</i>	 <i>P70200-0</i>
 3920	 <i>P70350-0</i>	 <i>P70351-0</i>								
 3921	 <i>P70250-0</i>	 <i>P70251-0</i>	 <i>P70200-0</i>							

WIN  **WIN**  **WIN**  **WIN**  **WIN**  **WIN** 
 **WIN**  **WIN**  **WIN**  **WIN**  **WIN** 

WIN AL
WIN AL
WIN AL
WIN AL

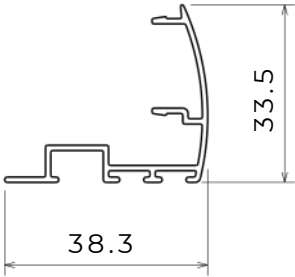
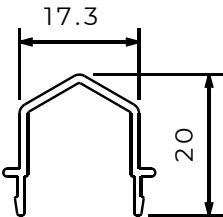


WIN AL
WIN AL

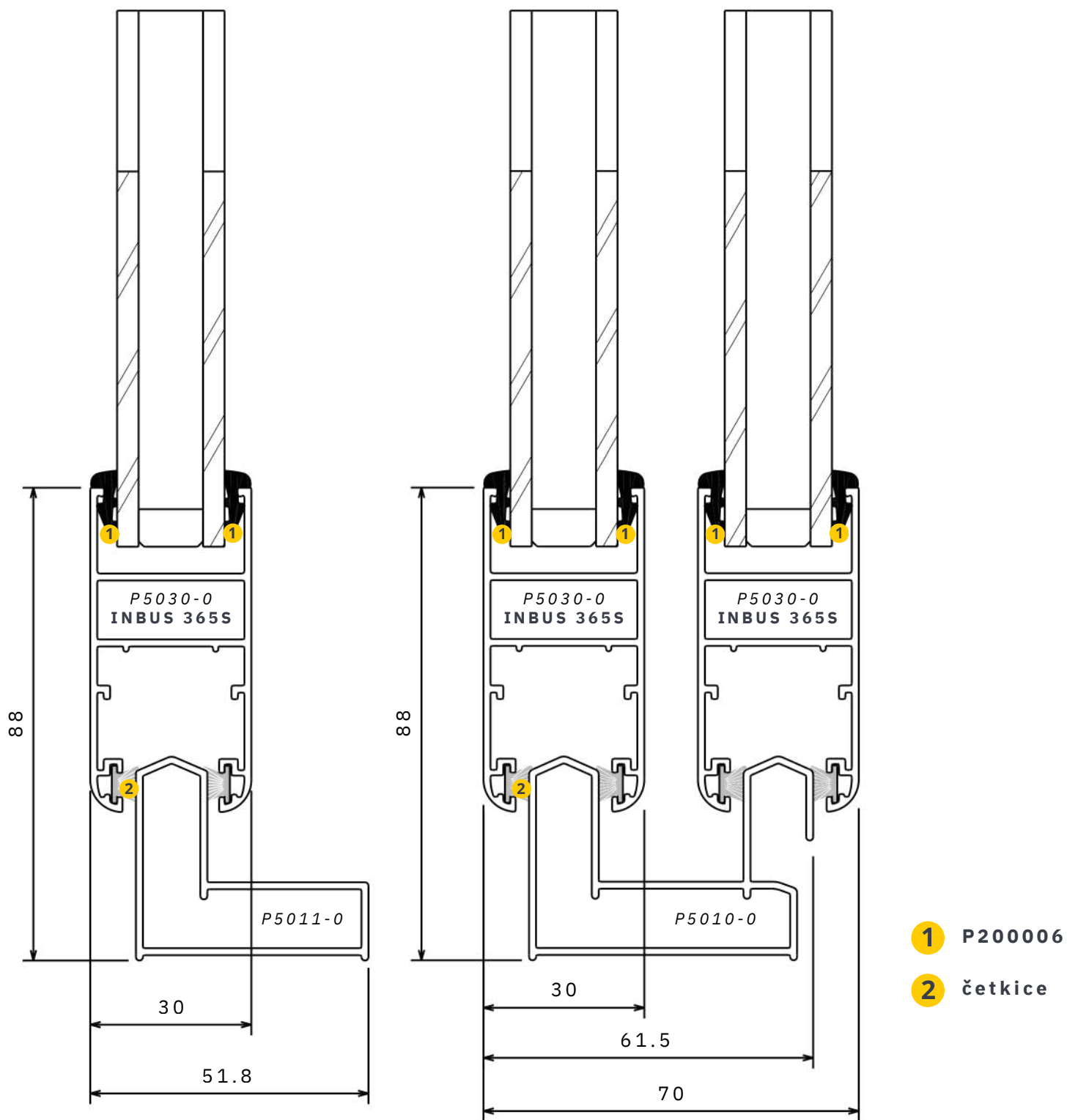
KLIZNI SYSTEM

S50

ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P5011-0		ŠTOK JEDNOŠINSKI	0.544 kg/m
P5010-0		ŠTOK DVOŠINSKI	0.753 kg/m
P5012-0		ŠTOK TROŠINSKI	1.270 kg/m
P5030-0		KRILO	0.738 kg/m

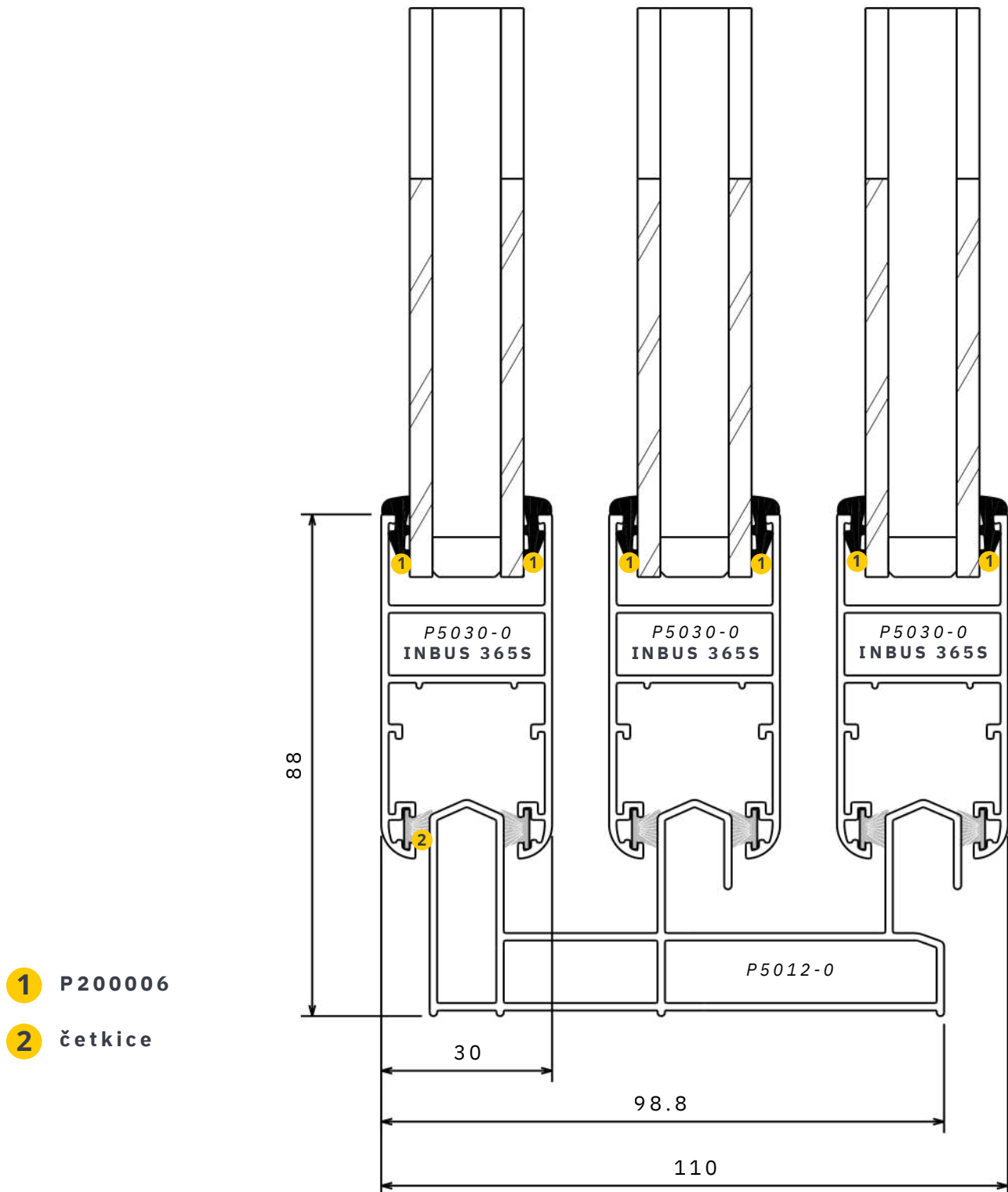
ŠIFRA	PRESEK PROFILA	NAZIV PROFILA	TEŽINA kg/m
P5060-0		PROFIL ZA PREKLAPANJE KRILA	0.296 kg/m
P5061-0		PROFIL ZA SUČEONO SPAJANJE	0.166 kg/m

JEDNOŠINSKI I DVOŠINSKI SISTEM

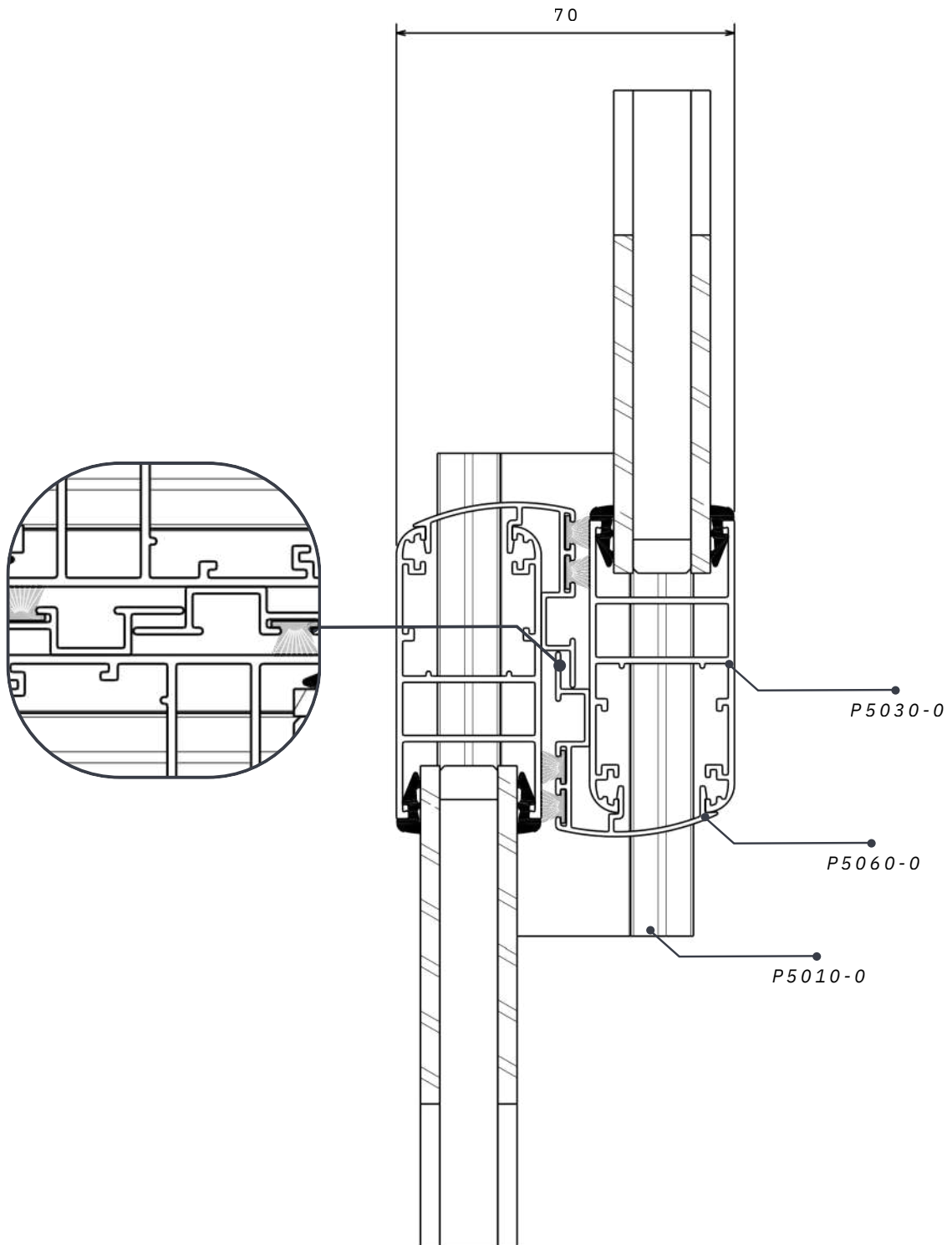


- 1** P200006
- 2** četkice

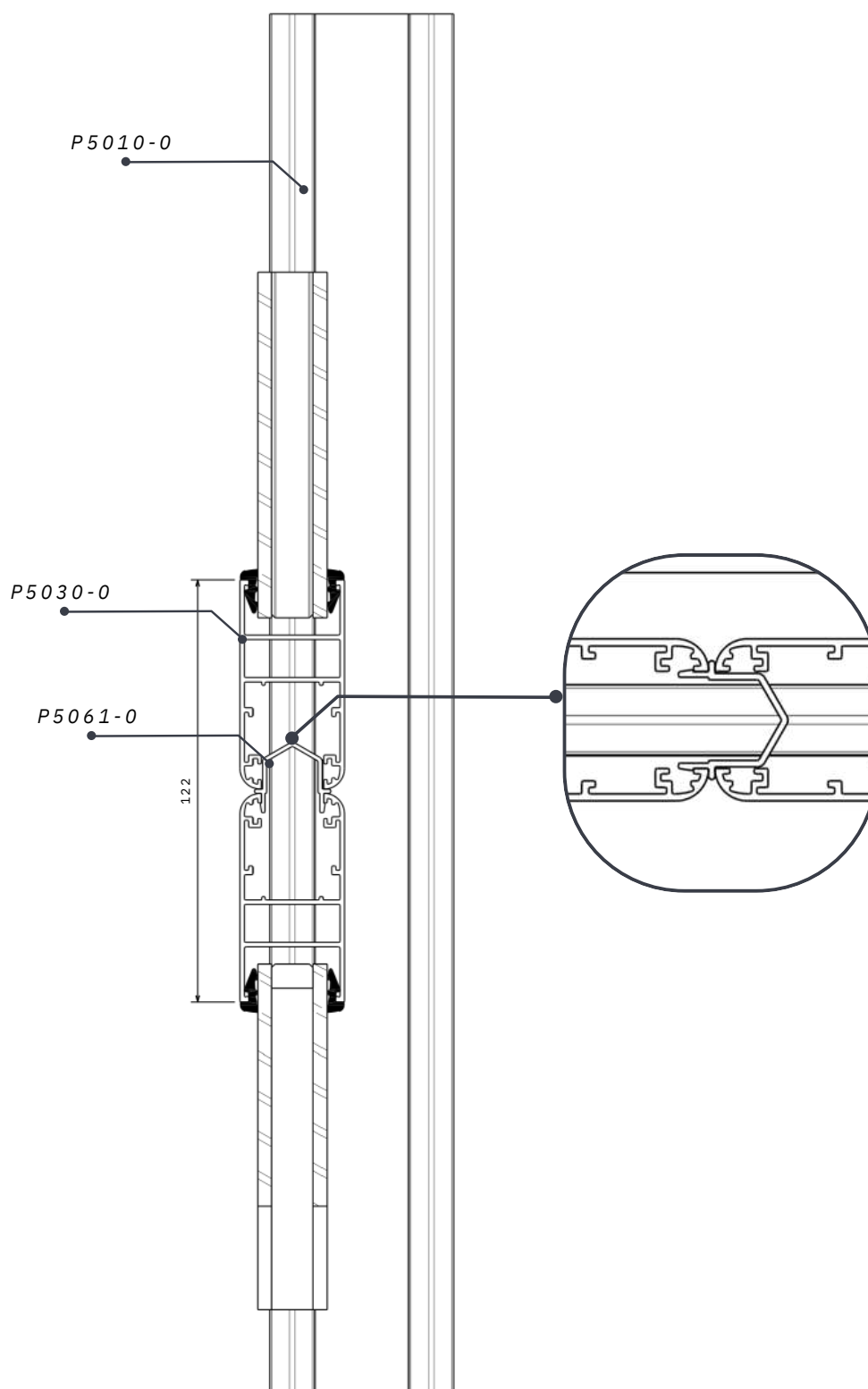
TROŠINSKI SISTEM



PREKLOP KRILA



SUČEONO SPAJANJE





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