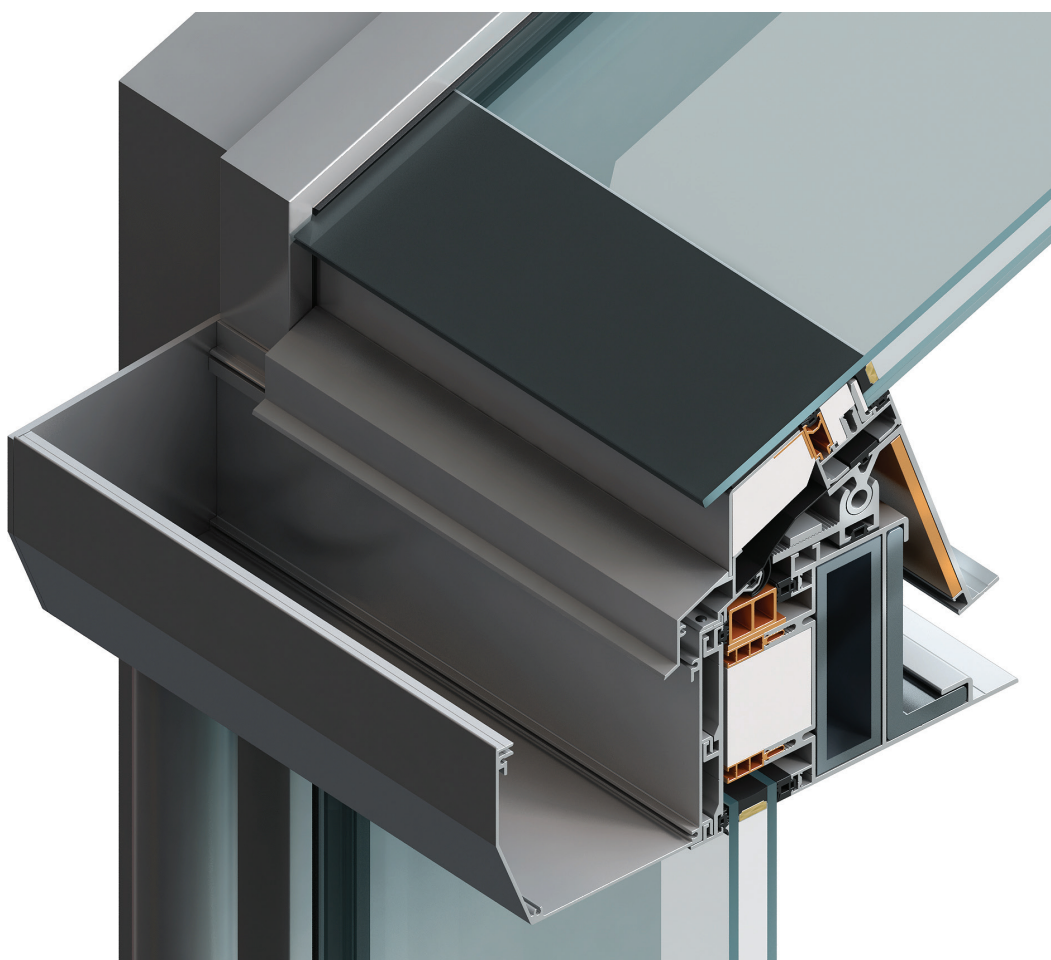


# FEAL



## ZIMSKI VRT



# Zimski Vrt



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| 255-01-11 | ..... presjeci | ..... spoj zimski vrt - Termo 120+             |
| 255-01-12 | ..... presjeci | ..... spoj zimski vrt - Termo 120+             |
| 255-01-13 | ..... presjeci | ..... spoj zimski vrt - Termo 120+             |
| 255-01-14 | ..... presjeci | ..... Termo 120 - spoj dva krila               |
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| 256-01-23 | ..... presjeci | ..... obrada vodoravnica prema FMO 50/160 |
| 256-01-24 | ..... presjeci | ..... obrada vodoravnica prema FMO 50/160 |
| 256-01-25 | ..... presjeci | ..... obrada vodoravnica prema FMO 50/160 |
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| 257-01-03 | ..... presjeci | ..... prikaz montaže zimskog vrta         |
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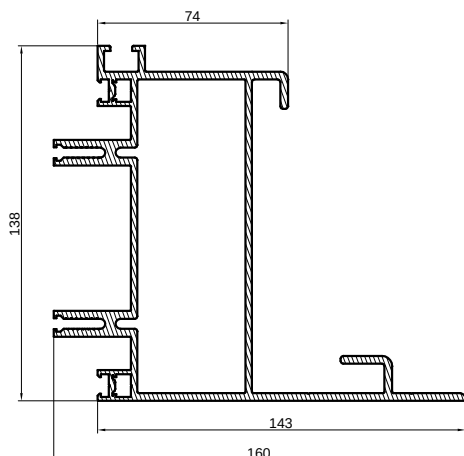


# Statički izračuni



## Statički izračun

PRESJEK 1

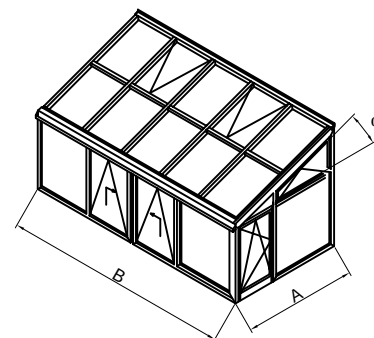


$I_x = 446.77 \text{ cm}^4$   
 $I_y = 282.5 \text{ cm}^4$   
 $W_x = 56.07 \text{ cm}^3$   
 $W_y = 27.15 \text{ cm}^3$   
 $A = 18.8537 \text{ cm}^2 (5.09 \text{ kg/lfm})$   
 min Hauptträgheitsmom = 210.98 cm<sup>4</sup>

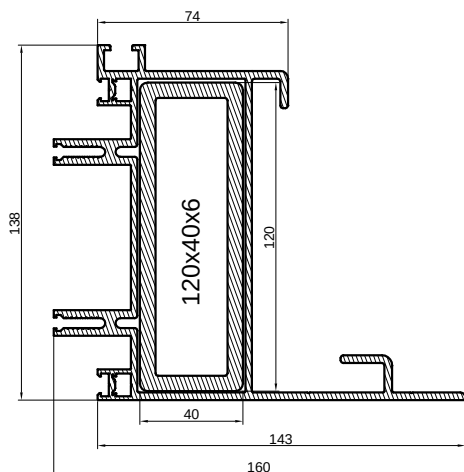
A-širina konstrukcije (m)  
 B-max.svjetli otvor (m)  
 $\alpha$ -nagib konstrukcije (°)

## UVJETI ZA IZRAČUN

- vlastita težina  $q=0.50 \text{ kN/m}^2$
- težina od snijega  $q=0.75 \text{ kN/m}^2$
- opterećenje vjetrom  $q=0.50 \text{ kN/m}^2$
- zadovoljiti uvjet progiba  $L/300$



PRESJEK 2

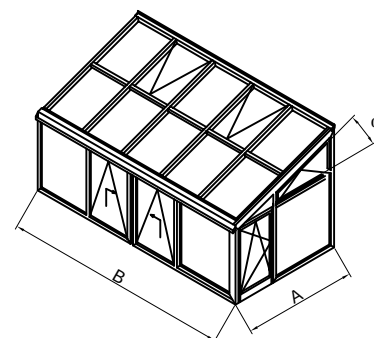


$I_x = 728.83 \text{ cm}^4$   
 $I_y = 327.01 \text{ cm}^4$   
 $W_x = 94.44 \text{ cm}^3$   
 $W_y = 31.07 \text{ cm}^3$   
 $A = 36.545 \text{ cm}^2 (9.87 \text{ kg/lfm})$   
 min Hauptträgheitsmom = 288.07 cm<sup>4</sup>

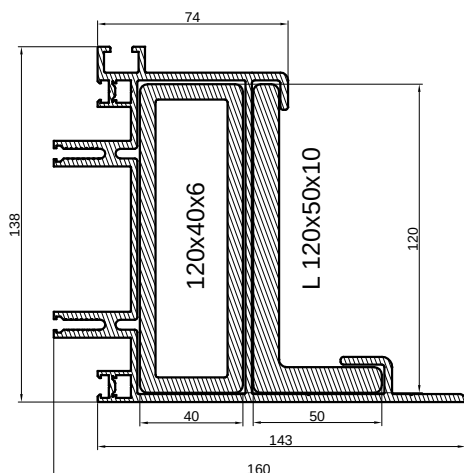
A-širina konstrukcije (m)  
 B-max.svjetli otvor (m)  
 $\alpha$ -nagib konstrukcije (°)

## UVJETI ZA IZRAČUN

- vlastita težina  $q=0.50 \text{ kN/m}^2$
- težina od snijega  $q=0.75 \text{ kN/m}^2$
- opterećenje vjetrom  $q=0.50 \text{ kN/m}^2$
- zadovoljiti uvjet progiba  $L/300$



PRESJEK 3

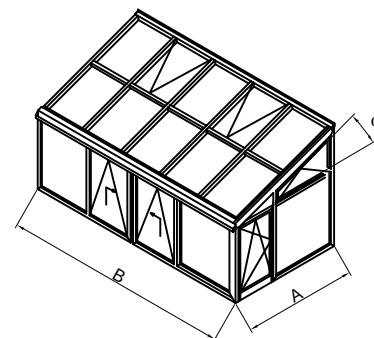


$I_x = 974.78 \text{ cm}^4$   
 $I_y = 479.20 \text{ cm}^4$   
 $W_x = 121.01 \text{ cm}^3$   
 $W_y = 50.47 \text{ cm}^3$   
 $A = 52.4678 \text{ cm}^2 (14.17 \text{ kg/lfm})$   
 min Hauptträgheitsmom = 399.92 cm<sup>4</sup>

A-širina konstrukcije (m)  
 B-max.svjetli otvor (m)  
 $\alpha$ -nagib konstrukcije (°)

## UVJETI ZA IZRAČUN

- vlastita težina  $q=0.50 \text{ kN/m}^2$
- težina od snijega  $q=0.75 \text{ kN/m}^2$
- opterećenje vjetrom  $q=0.50 \text{ kN/m}^2$
- zadovoljiti uvjet progiba  $L/300$



## Statički izračun

1) Profil Al (vidi presjek 1)

Opterećenje:

Vl. težina:  $q = 0.50 \text{ kN/m}^2$ 

Vjetar:  $q_w = 0.50 \text{ kN/m}^2$ 

Snijeg:  $s = 0.75 \text{ kN/m}^2$ 

|                      |       |       |      |       |       |       |       |       |                   |
|----------------------|-------|-------|------|-------|-------|-------|-------|-------|-------------------|
| $\alpha(^{\circ}) =$ | 10    | 15    | 20   | 25    | 30    | 35    | 40    | 45    |                   |
| $\cos \alpha =$      | 0.985 | 0.966 | 0.94 | 0.906 | 0.866 | 0.819 | 0.766 | 0.707 |                   |
| $q/\cos \alpha =$    | 0.51  | 0.52  | 0.53 | 0.55  | 0.58  | 0.61  | 0.65  | 0.71  |                   |
| $s =$                | 0.75  | 0.75  | 0.75 | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  |                   |
| $q_w/\cos \alpha =$  | 0.51  | 0.52  | 0.53 | 0.55  | 0.58  | 0.61  | 0.65  | 0.71  |                   |
| Ukupno               | 1.77  | 1.79  | 1.81 | 1.85  | 1.90  | 1.97  | 2.06  | 2.16  | kN/m <sup>2</sup> |

Uvjet: maksimalni progib grede iznosi  $L/300$ 

Opterećenje grede (kN/m) - Tablica1

| A(m) \ $\alpha(^{\circ})$ | 10    | 15    | 20    | 25    | 30    | 35    | 40    | 45    |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2.00                      | 17.65 | 17.85 | 18.14 | 18.54 | 19.05 | 19.71 | 20.56 | 21.64 |
| 2.25                      | 19.86 | 20.08 | 20.41 | 20.85 | 21.43 | 22.17 | 23.12 | 24.35 |
| 2.50                      | 22.07 | 22.31 | 22.67 | 23.17 | 23.81 | 24.64 | 25.69 | 27.06 |
| 2.75                      | 24.27 | 24.55 | 24.94 | 25.49 | 26.19 | 27.10 | 28.26 | 29.76 |
| 3.00                      | 26.48 | 26.78 | 27.21 | 27.81 | 28.57 | 29.57 | 30.83 | 32.47 |
| 3.25                      | 28.68 | 29.01 | 29.47 | 30.12 | 30.95 | 32.03 | 33.40 | 35.17 |
| 3.50                      | 30.89 | 31.24 | 31.74 | 32.44 | 33.33 | 34.49 | 35.97 | 37.88 |
| 3.75                      | 33.10 | 33.47 | 34.01 | 34.76 | 35.71 | 36.96 | 38.54 | 40.58 |
| 4.00                      | 35.30 | 35.70 | 36.28 | 37.08 | 38.09 | 39.42 | 41.11 | 43.29 |
| 4.25                      | 37.51 | 37.94 | 38.54 | 39.39 | 40.48 | 41.88 | 43.68 | 45.99 |
| 4.50                      | 39.72 | 40.17 | 40.81 | 41.71 | 42.86 | 44.35 | 46.25 | 48.70 |
| 4.75                      | 41.92 | 42.40 | 43.08 | 44.03 | 45.24 | 46.81 | 48.82 | 51.41 |
| 5.00                      | 44.13 | 44.63 | 45.35 | 46.34 | 47.62 | 49.28 | 51.39 | 54.11 |

Maksimalna dužina grede B (cm) za opterećenje iz tablice 1 i uvjet  $L/300$ 

| A(m) \ $\alpha(^{\circ})$ | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 2.00                      | 356 | 355 | 353 | 351 | 347 | 344 | 339 | 333 |
| 2.25                      | 343 | 341 | 340 | 337 | 334 | 330 | 326 | 320 |
| 2.50                      | 331 | 330 | 328 | 326 | 323 | 319 | 314 | 309 |
| 2.75                      | 321 | 319 | 318 | 315 | 312 | 309 | 305 | 299 |
| 3.00                      | 311 | 310 | 309 | 306 | 304 | 300 | 298 | 291 |
| 3.25                      | 303 | 302 | 300 | 298 | 296 | 292 | 288 | 283 |
| 3.50                      | 296 | 295 | 293 | 291 | 288 | 285 | 281 | 276 |
| 3.75                      | 289 | 288 | 286 | 284 | 282 | 279 | 275 | 270 |
| 4.00                      | 283 | 282 | 280 | 278 | 276 | 273 | 269 | 264 |
| 4.25                      | 277 | 276 | 275 | 273 | 270 | 267 | 264 | 259 |
| 4.50                      | 272 | 271 | 270 | 268 | 265 | 262 | 259 | 254 |
| 4.75                      | 267 | 266 | 265 | 263 | 260 | 257 | 254 | 250 |
| 5.00                      | 263 | 262 | 260 | 258 | 256 | 253 | 250 | 245 |

Progib grede (cm) za opterećenje iz Tablice 1 i dužinu grede B

| A(m) \ $\alpha(^{\circ})$ | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------------------|------|------|------|------|------|------|------|------|
| 2.00                      | 1.19 | 1.18 | 1.18 | 1.17 | 1.16 | 1.15 | 1.13 | 1.11 |
| 2.25                      | 1.14 | 1.14 | 1.13 | 1.12 | 1.11 | 1.10 | 1.09 | 1.07 |
| 2.50                      | 1.10 | 1.10 | 1.09 | 1.09 | 1.08 | 0.6  | 1.05 | 1.03 |
| 2.75                      | 1.07 | 1.06 | 1.06 | 1.05 | 1.04 | 1.03 | 1.02 | 1.00 |
| 3.00                      | 1.04 | 1.03 | 1.03 | 1.02 | 1.01 | 1.00 | 0.99 | 0.97 |
| 3.25                      | 1.01 | 1.01 | 1.00 | 0.99 | 0.99 | 0.97 | 0.96 | 0.94 |
| 3.50                      | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.92 |
| 3.75                      | 0.96 | 0.96 | 0.95 | 0.95 | 0.94 | 0.93 | 0.92 | 0.90 |
| 4.00                      | 0.94 | 0.94 | 0.93 | 0.93 | 0.92 | 0.91 | 0.90 | 0.88 |
| 4.25                      | 0.92 | 0.92 | 0.92 | 0.91 | 0.90 | 0.89 | 0.88 | 0.86 |
| 4.50                      | 0.91 | 0.90 | 0.90 | 0.89 | 0.88 | 0.87 | 0.86 | 0.85 |
| 4.75                      | 0.89 | 0.89 | 0.88 | 0.88 | 0.87 | 0.86 | 0.85 | 0.83 |
| 5.00                      | 0.88 | 0.87 | 0.87 | 0.86 | 0.85 | 0.84 | 0.83 | 0.82 |

## Statički izračun

2) Složeni profil Al+Fe1 (vidi presjek 2)  $\alpha(^{\circ})=$ 

Opterećenje:

VI. težina:  $q=$  0.50 kN/m2

Vjetar:  $q_w=$  0.50 kN/m2

Snijeg:  $s=$  0.75 kN/m2

| $\alpha(^{\circ})=$ | 10    | 15    | 20   | 25    | 30    | 35    | 40    | 45    |
|---------------------|-------|-------|------|-------|-------|-------|-------|-------|
| $\cos\alpha=$       | 0.985 | 0.966 | 0.94 | 0.906 | 0.866 | 0.819 | 0.766 | 0.707 |
| $q/\cos\alpha=$     | 0.51  | 0.52  | 0.53 | 0.55  | 0.58  | 0.61  | 0.65  | 0.71  |
| $s=$                | 0.75  | 0.75  | 0.75 | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  |
| $q_w/\cos\alpha=$   | 0.51  | 0.52  | 0.53 | 0.55  | 0.58  | 0.61  | 0.65  | 0.71  |
| Ukupno              | 1.77  | 1.79  | 1.81 | 1.85  | 1.90  | 1.97  | 2.06  | 2.16  |

kN/m2

Uvjet: maksimalni progib grede iznosi L/300

Opterećenje grede (kN/m) - Tablica1

| A(m) \ $\alpha(^{\circ})$ | 10    | 15    | 20    | 25    | 30    | 35    | 40    | 45    |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2.00                      | 17.65 | 17.85 | 18.14 | 18.54 | 19.05 | 19.71 | 20.56 | 21.64 |
| 2.25                      | 19.86 | 20.08 | 20.41 | 20.85 | 21.43 | 22.17 | 23.12 | 24.35 |
| 2.50                      | 22.07 | 22.31 | 22.67 | 23.17 | 23.81 | 24.64 | 25.69 | 27.06 |
| 2.75                      | 24.27 | 24.55 | 24.94 | 25.49 | 26.19 | 27.10 | 28.26 | 29.76 |
| 3.00                      | 26.48 | 26.78 | 27.21 | 27.81 | 28.57 | 29.57 | 30.83 | 32.47 |
| 3.25                      | 28.68 | 29.01 | 29.47 | 30.12 | 30.95 | 32.03 | 33.40 | 35.17 |
| 3.50                      | 30.89 | 31.24 | 31.74 | 32.44 | 33.33 | 34.49 | 35.97 | 37.88 |
| 3.75                      | 33.10 | 33.47 | 34.01 | 34.76 | 35.71 | 36.96 | 38.54 | 40.58 |
| 4.00                      | 35.30 | 35.70 | 36.28 | 37.08 | 38.09 | 39.42 | 41.11 | 43.29 |
| 4.25                      | 37.51 | 37.94 | 38.54 | 39.39 | 40.48 | 41.88 | 43.68 | 45.99 |
| 4.50                      | 39.72 | 40.17 | 40.81 | 41.71 | 42.86 | 44.35 | 46.25 | 48.70 |
| 4.75                      | 41.92 | 42.40 | 43.08 | 44.03 | 45.24 | 46.81 | 48.82 | 51.41 |
| 5.00                      | 44.13 | 44.63 | 45.35 | 46.34 | 47.62 | 49.28 | 51.39 | 54.11 |

Maksimalna dužina grede B (cm) za opterećenje iz tablice 1 i uvjet L/300

| A(m) \ $\alpha(^{\circ})$ | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 2.00                      | 507 | 505 | 503 | 499 | 495 | 489 | 482 | 474 |
| 2.25                      | 488 | 486 | 483 | 480 | 475 | 470 | 464 | 456 |
| 2.50                      | 471 | 469 | 467 | 463 | 459 | 454 | 448 | 440 |
| 2.75                      | 456 | 454 | 452 | 449 | 445 | 440 | 434 | 426 |
| 3.00                      | 443 | 441 | 439 | 436 | 432 | 427 | 421 | 414 |
| 3.25                      | 431 | 430 | 428 | 424 | 421 | 416 | 410 | 403 |
| 3.50                      | 421 | 419 | 417 | 414 | 410 | 406 | 400 | 393 |
| 3.75                      | 411 | 410 | 408 | 405 | 401 | 396 | 391 | 384 |
| 4.00                      | 403 | 401 | 399 | 396 | 393 | 388 | 383 | 376 |
| 4.25                      | 395 | 393 | 391 | 388 | 385 | 380 | 375 | 369 |
| 4.50                      | 387 | 386 | 384 | 381 | 377 | 373 | 368 | 362 |
| 4.75                      | 380 | 379 | 377 | 374 | 371 | 366 | 361 | 355 |
| 5.00                      | 374 | 372 | 370 | 368 | 364 | 360 | 355 | 349 |

Progib grede (cm) za opterećenje iz Tablice 1 i dužinu grede B

| A(m) \ $\alpha(^{\circ})$ | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------------------|------|------|------|------|------|------|------|------|
| 2.00                      | 1.69 | 1.68 | 1.68 | 1.66 | 1.65 | 1.63 | 1.61 | 1.58 |
| 2.25                      | 1.63 | 1.62 | 1.61 | 1.60 | 1.58 | 1.57 | 1.55 | 1.52 |
| 2.50                      | 1.57 | 1.56 | 1.56 | 1.54 | 1.53 | 1.51 | 1.49 | 1.47 |
| 2.75                      | 1.52 | 1.51 | 1.51 | 1.50 | 1.48 | 1.47 | 1.45 | 1.42 |
| 3.00                      | 1.48 | 1.47 | 1.46 | 1.45 | 1.44 | 1.42 | 1.40 | 1.38 |
| 3.25                      | 1.44 | 1.43 | 1.43 | 1.41 | 1.40 | 1.39 | 1.37 | 1.34 |
| 3.50                      | 1.40 | 1.40 | 1.39 | 1.38 | 1.37 | 1.35 | 1.33 | 1.31 |
| 3.75                      | 1.37 | 1.37 | 1.36 | 1.35 | 1.34 | 1.32 | 1.30 | 1.28 |
| 4.00                      | 1.34 | 1.34 | 1.33 | 1.32 | 1.31 | 1.29 | 1.28 | 1.25 |
| 4.25                      | 1.32 | 1.31 | 1.30 | 1.29 | 1.28 | 1.27 | 1.25 | 1.23 |
| 4.50                      | 1.29 | 1.29 | 1.28 | 1.27 | 1.26 | 1.24 | 1.23 | 1.21 |
| 4.75                      | 1.27 | 1.26 | 1.26 | 1.25 | 1.24 | 1.22 | 1.20 | 1.18 |
| 5.00                      | 1.25 | 1.24 | 1.23 | 1.23 | 1.21 | 1.20 | 1.18 | 1.16 |

## Statički izračun

3) Složeni profil Al+Fe1+Fe2 (vidi presjek 3)

|                                                             |                                        |                     |       |       |      |       |       |       |       |       |
|-------------------------------------------------------------|----------------------------------------|---------------------|-------|-------|------|-------|-------|-------|-------|-------|
| Opterećenje:<br>VI. težina: q=<br>Vjetar: qw=<br>Snijeg: s= | 0.50 kN/m2<br>0.50 kN/m2<br>0.75 kN/m2 | $\alpha(^{\circ})=$ | 10    | 15    | 20   | 25    | 30    | 35    | 40    | 45    |
|                                                             |                                        | $\cos\alpha=$       | 0.985 | 0.966 | 0.94 | 0.906 | 0.866 | 0.819 | 0.766 | 0.707 |
|                                                             |                                        | $q/\cos\alpha=$     | 0.51  | 0.52  | 0.53 | 0.55  | 0.58  | 0.61  | 0.65  | 0.71  |
|                                                             |                                        | s=                  | 0.75  | 0.75  | 0.75 | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  |
|                                                             |                                        | $qw/\cos\alpha=$    | 0.51  | 0.52  | 0.53 | 0.55  | 0.58  | 0.61  | 0.65  | 0.71  |
|                                                             |                                        | Ukupno              | 1.77  | 1.79  | 1.81 | 1.85  | 1.90  | 1.97  | 2.06  | 2.16  |

kN/m2

Uvjet: maksimalni progib grede iznosi L/300

Opterećenje grede (kN/m) - Tablica1

| A(m) \ $\alpha(^{\circ})$ | 10    | 15    | 20    | 25    | 30    | 35    | 40    | 45    |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2.00                      | 17.65 | 17.85 | 18.14 | 18.54 | 19.05 | 19.71 | 20.55 | 21.64 |
| 2.25                      | 19.86 | 20.08 | 20.41 | 20.85 | 21.43 | 22.17 | 23.12 | 24.35 |
| 2.50                      | 22.07 | 22.31 | 22.67 | 23.17 | 23.81 | 24.64 | 25.69 | 27.06 |
| 2.75                      | 24.27 | 24.55 | 24.94 | 25.49 | 26.19 | 27.10 | 28.26 | 29.76 |
| 3.00                      | 26.48 | 26.78 | 27.21 | 27.81 | 28.57 | 29.57 | 30.83 | 32.47 |
| 3.25                      | 28.68 | 29.01 | 29.47 | 30.12 | 30.95 | 32.03 | 33.40 | 35.17 |
| 3.50                      | 30.89 | 31.24 | 31.74 | 32.44 | 33.33 | 34.49 | 35.97 | 37.88 |
| 3.75                      | 33.10 | 33.47 | 34.01 | 34.76 | 35.71 | 36.96 | 38.54 | 40.58 |
| 4.00                      | 35.30 | 35.70 | 36.28 | 37.08 | 38.09 | 39.42 | 41.11 | 43.29 |
| 4.25                      | 37.51 | 37.94 | 38.54 | 39.39 | 40.48 | 41.88 | 43.68 | 45.99 |
| 4.50                      | 39.72 | 40.17 | 40.81 | 41.71 | 42.86 | 44.35 | 46.25 | 48.70 |
| 4.75                      | 41.92 | 42.40 | 43.08 | 44.03 | 45.24 | 46.81 | 48.82 | 51.41 |
| 5.00                      | 44.13 | 44.63 | 45.35 | 46.34 | 47.62 | 49.28 | 51.39 | 54.11 |

Maksimalna dužina grede B (cm) za opterećenje iz tablice 1 i uvjet L/300

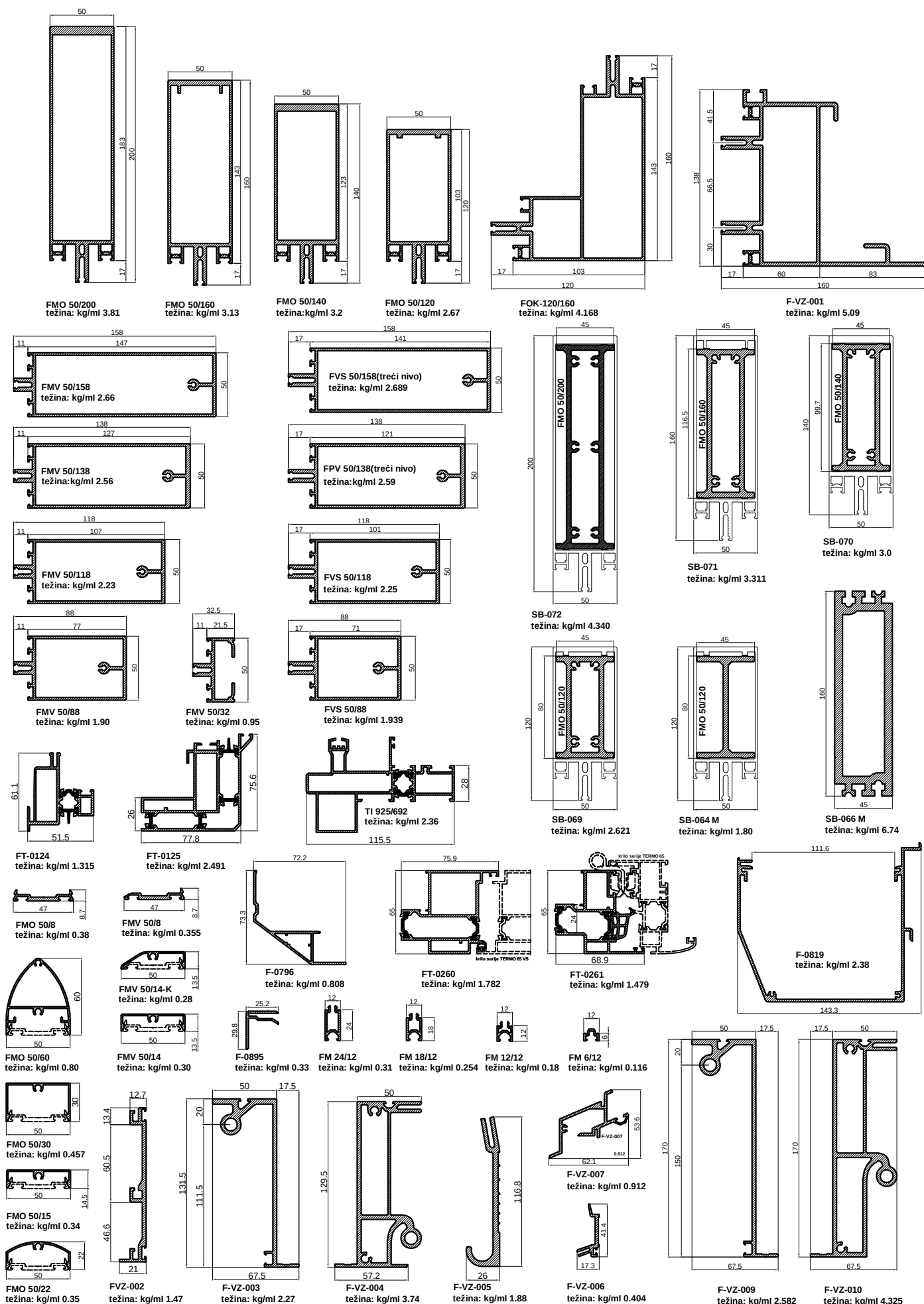
| A(m) \ $\alpha(^{\circ})$ | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 2.00                      | 591 | 588 | 585 | 581 | 576 | 569 | 561 | 552 |
| 2.25                      | 568 | 566 | 563 | 559 | 554 | 547 | 540 | 531 |
| 2.50                      | 548 | 546 | 543 | 539 | 535 | 529 | 521 | 512 |
| 2.75                      | 531 | 529 | 526 | 523 | 518 | 512 | 505 | 496 |
| 3.00                      | 516 | 514 | 511 | 508 | 503 | 497 | 490 | 482 |
| 3.25                      | 502 | 501 | 498 | 494 | 490 | 484 | 478 | 469 |
| 3.50                      | 490 | 488 | 486 | 482 | 478 | 472 | 466 | 458 |
| 3.75                      | 479 | 477 | 475 | 471 | 467 | 462 | 455 | 448 |
| 4.00                      | 469 | 467 | 465 | 461 | 457 | 452 | 446 | 438 |
| 4.25                      | 459 | 458 | 455 | 452 | 448 | 443 | 437 | 429 |
| 4.50                      | 451 | 449 | 447 | 443 | 439 | 435 | 428 | 421 |
| 4.75                      | 443 | 441 | 439 | 436 | 432 | 427 | 421 | 414 |
| 5.00                      | 435 | 434 | 431 | 428 | 424 | 420 | 414 | 407 |

Progib grede (cm) za opterećenje iz Tablice 1 i dužinu grede B

| A(m) \ $\alpha(^{\circ})$ | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------------------|------|------|------|------|------|------|------|------|
| 2.00                      | 1.97 | 1.96 | 1.95 | 1.94 | 1.92 | 1.90 | 1.87 | 1.84 |
| 2.25                      | 1.89 | 1.89 | 1.88 | 1.86 | 1.85 | 1.82 | 1.80 | 1.77 |
| 2.50                      | 1.83 | 1.82 | 1.81 | 1.80 | 1.78 | 1.76 | 1.74 | 1.71 |
| 2.75                      | 1.77 | 1.76 | 1.75 | 1.74 | 1.73 | 1.71 | 1.68 | 1.65 |
| 3.00                      | 1.72 | 1.71 | 1.70 | 1.69 | 1.68 | 1.66 | 1.63 | 1.61 |
| 3.25                      | 1.67 | 1.67 | 1.66 | 1.65 | 1.63 | 1.61 | 1.59 | 1.56 |
| 3.50                      | 1.63 | 1.63 | 1.62 | 1.61 | 1.59 | 1.58 | 1.55 | 1.53 |
| 3.75                      | 1.60 | 1.59 | 1.58 | 1.57 | 1.56 | 1.54 | 1.52 | 1.49 |
| 4.00                      | 1.56 | 1.56 | 1.55 | 1.54 | 1.52 | 1.51 | 1.49 | 1.46 |
| 4.25                      | 1.53 | 1.53 | 1.52 | 1.51 | 1.49 | 1.48 | 1.46 | 1.43 |
| 4.50                      | 1.50 | 1.50 | 1.49 | 1.48 | 1.46 | 1.45 | 1.43 | 1.40 |
| 4.75                      | 1.48 | 1.47 | 1.46 | 1.45 | 1.44 | 1.42 | 1.40 | 1.38 |
| 5.00                      | 1.45 | 1.45 | 1.44 | 1.43 | 1.41 | 1.40 | 1.38 | 1.36 |

# Profili

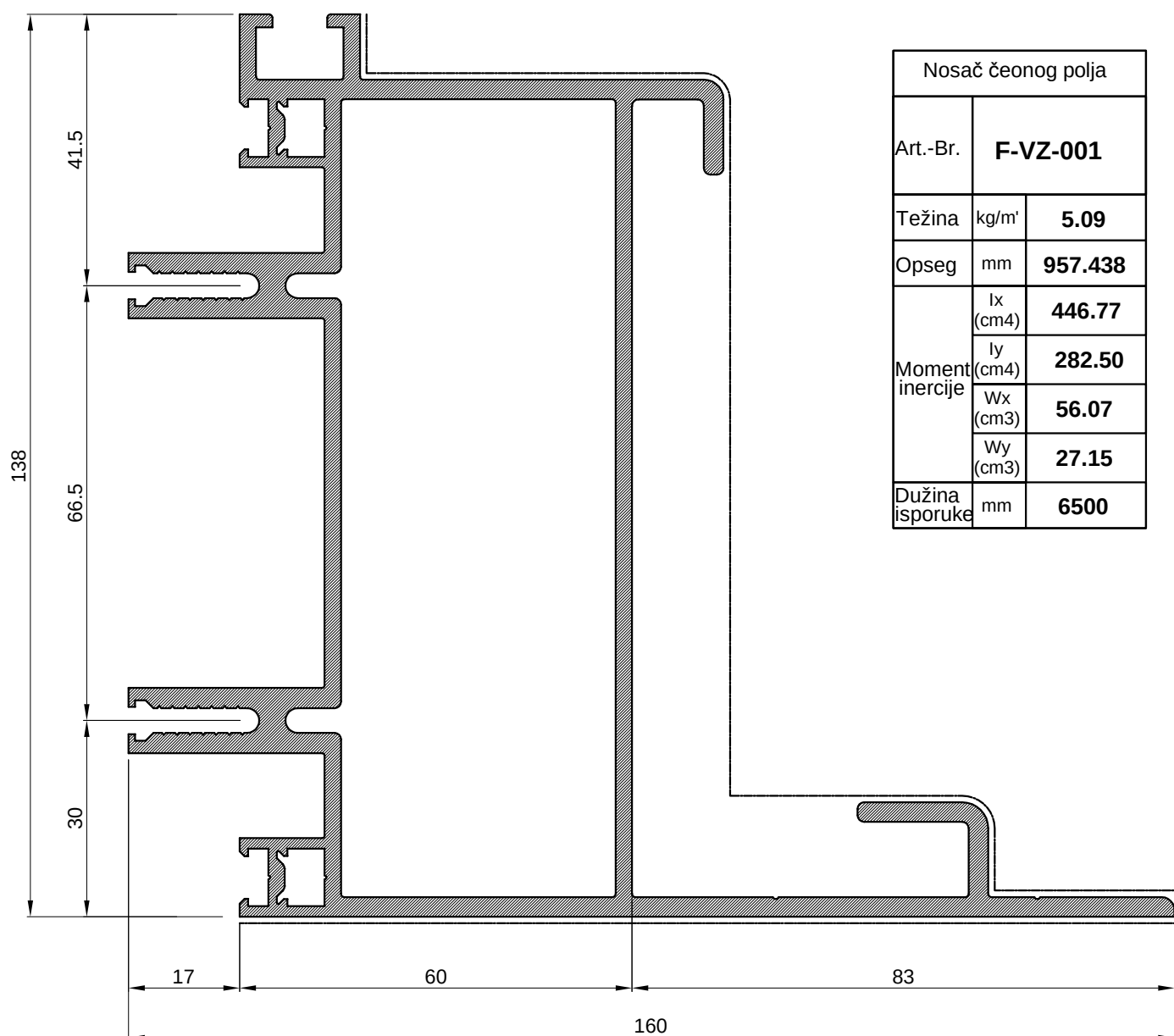


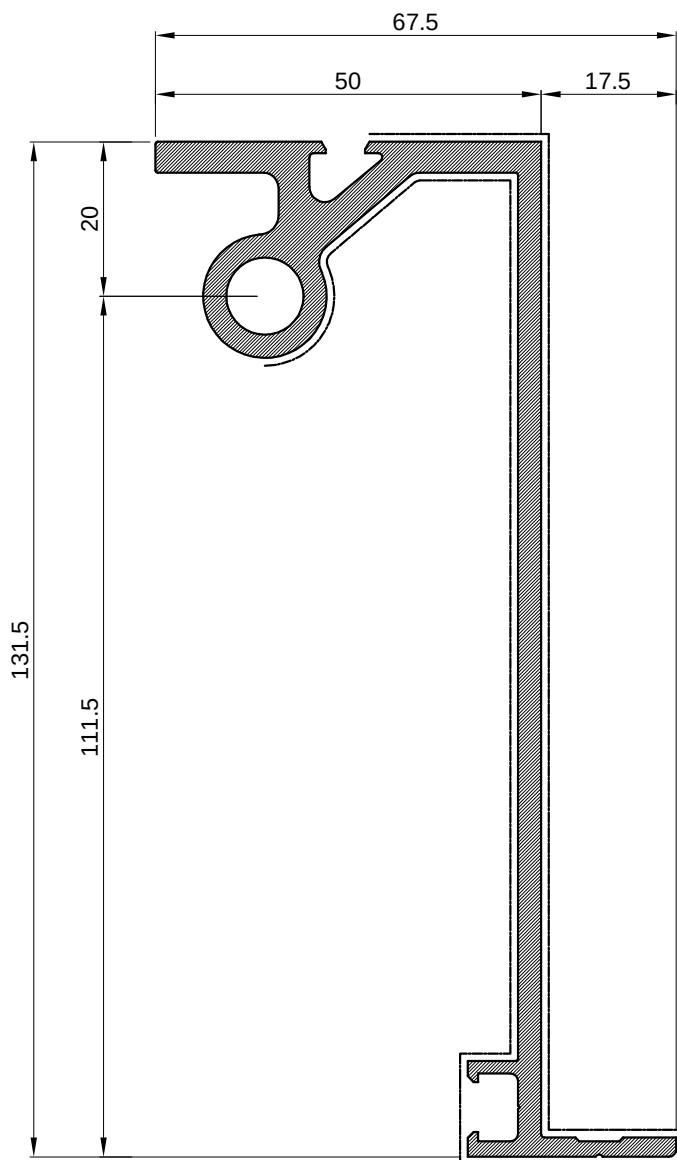
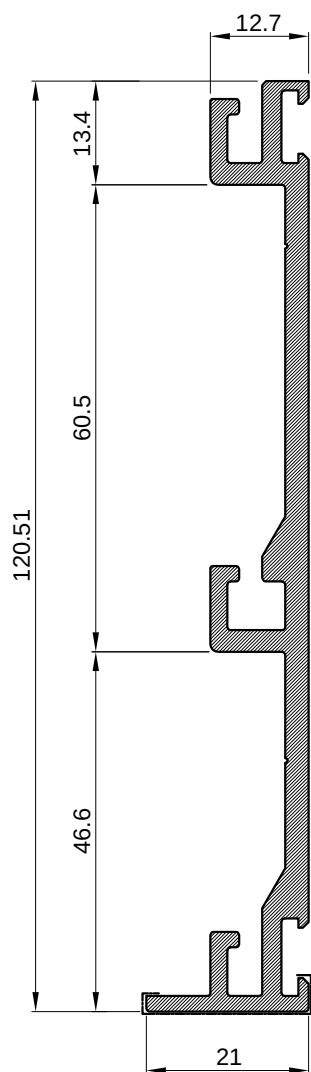




## Profili M 1:1

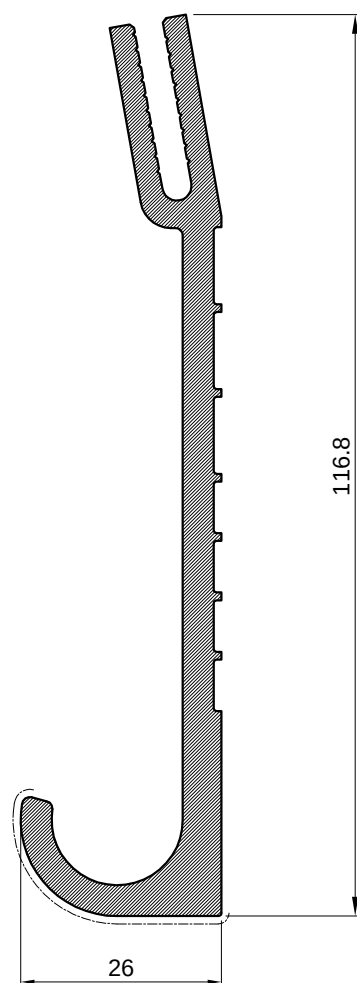
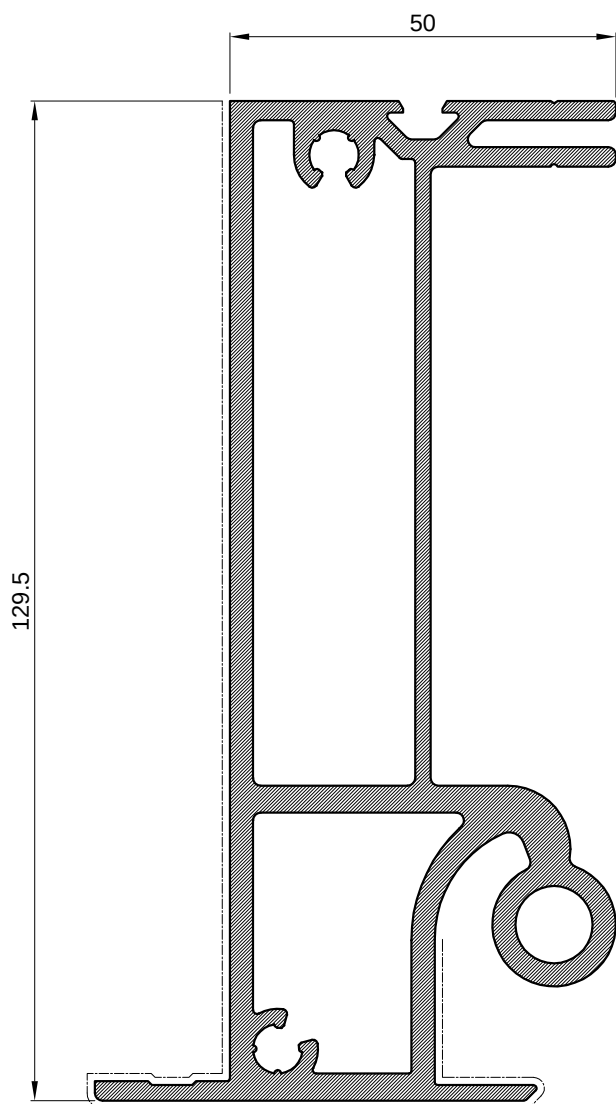






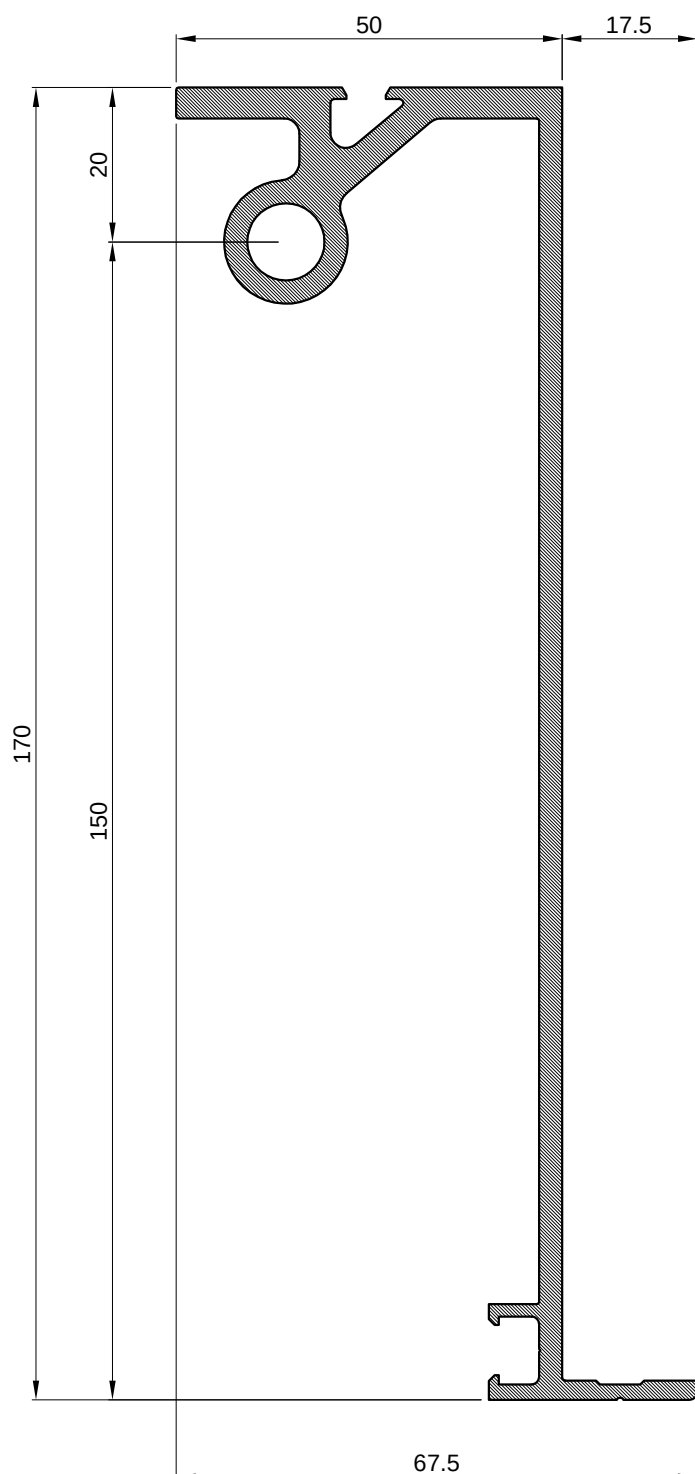
| Nosač oluka     |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FVZ-002</b>                    |               |
| Težina          | kg/m'                             | <b>1.47</b>   |
| Opseg           | mm                                | <b>401.92</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>78.17</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>1.01</b>   |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>12.35</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>0.61</b>   |
| Dužina isporuke | mm                                | <b>6500</b>   |

| Donji nosač okomice |                                   |               |
|---------------------|-----------------------------------|---------------|
| Art.-Br.            | <b>F-VZ-003</b>                   |               |
| Težina              | kg/m'                             | <b>2.27</b>   |
| Opseg               | mm                                | <b>494.77</b> |
| Moment inercije     | I <sub>x</sub> (cm <sup>4</sup> ) | <b>170.89</b> |
|                     | I <sub>y</sub> (cm <sup>4</sup> ) | <b>22.71</b>  |
|                     | W <sub>x</sub> (cm <sup>3</sup> ) | <b>19.84</b>  |
|                     | W <sub>y</sub> (cm <sup>3</sup> ) | <b>6.30</b>   |
| Dužina isporuke     | mm                                | <b>6500</b>   |

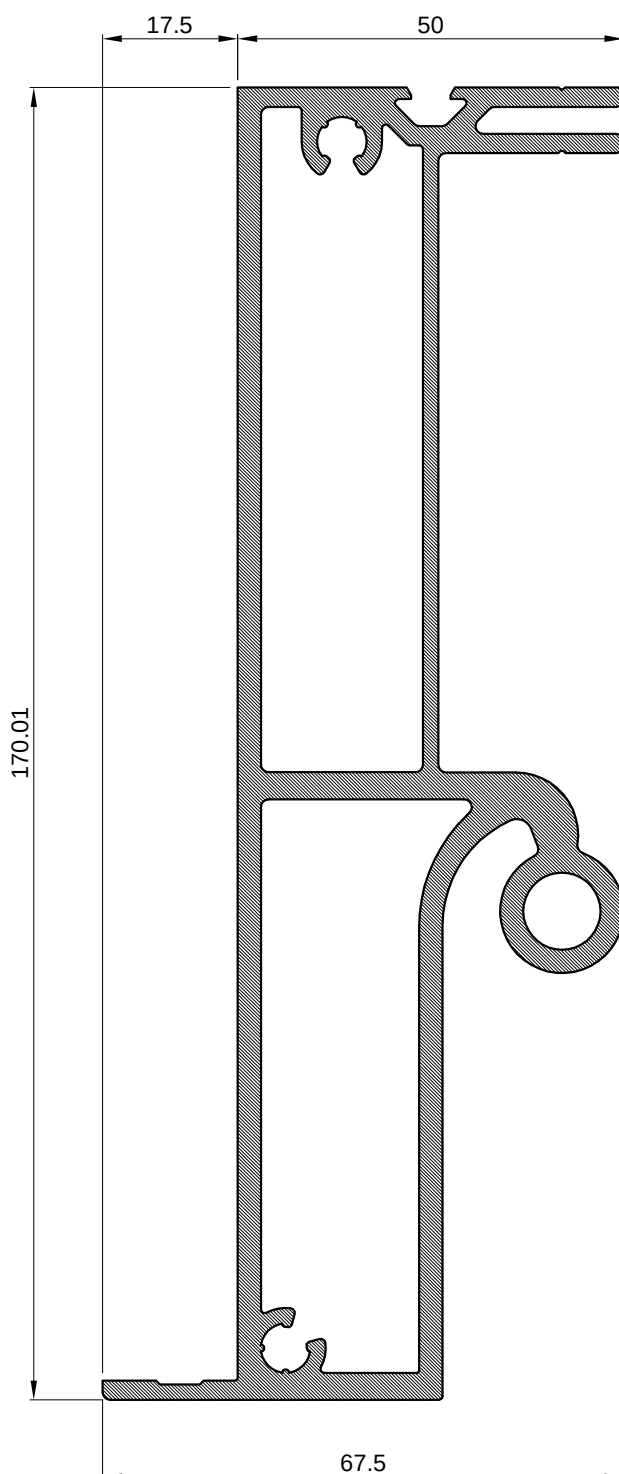


| Gornji nosač okomice |                                   |                |
|----------------------|-----------------------------------|----------------|
| Art.-Br.             | <b>F-VZ-004</b>                   |                |
| Težina               | kg/m'                             | <b>3.741</b>   |
| Opseg                | mm                                | <b>541.66</b>  |
| Moment inercije      | I <sub>x</sub> (cm <sup>4</sup> ) | <b>277.259</b> |
|                      | I <sub>y</sub> (cm <sup>4</sup> ) | <b>34.063</b>  |
|                      | W <sub>x</sub> (cm <sup>3</sup> ) | <b>39.227</b>  |
|                      | W <sub>y</sub> (cm <sup>3</sup> ) | <b>9.388</b>   |
| Dužina isporuke      | mm                                | <b>6500</b>    |

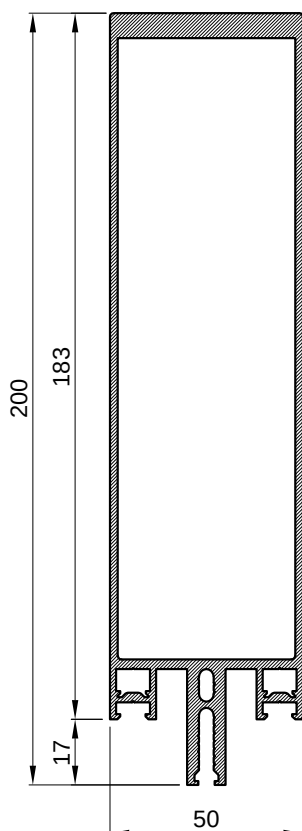
| Prihvatnik nosača |                                   |               |
|-------------------|-----------------------------------|---------------|
| Art.-Br.          | <b>F-VZ-005</b>                   |               |
| Težina            | kg/m'                             | <b>1.88</b>   |
| Opseg             | mm                                | <b>362.89</b> |
| Moment inercije   | I <sub>x</sub> (cm <sup>4</sup> ) | <b>102.84</b> |
|                   | I <sub>y</sub> (cm <sup>4</sup> ) | <b>2.54</b>   |
|                   | W <sub>x</sub> (cm <sup>3</sup> ) | <b>15.66</b>  |
|                   | W <sub>y</sub> (cm <sup>3</sup> ) | <b>1.29</b>   |
| Dužina isporuke   | mm                                | <b>6500</b>   |



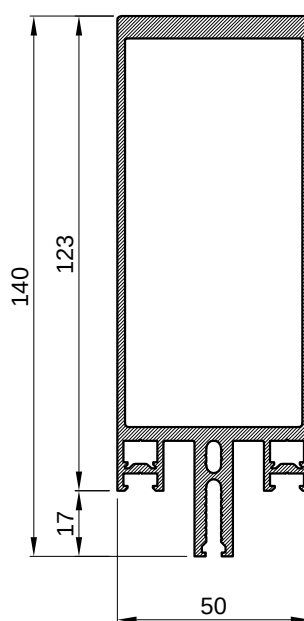
| Donji nosač okomice |                                      |               |
|---------------------|--------------------------------------|---------------|
| Art.-Br.            | <b>F-VZ-009</b>                      |               |
| Težina              | kg/m'                                | <b>2.582</b>  |
| Opseg               | mm                                   | <b>571.79</b> |
| Moment<br>inercije  | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>330.63</b> |
|                     | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>24.29</b>  |
|                     | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>30.28</b>  |
|                     | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>6.47</b>   |
| Dužina<br>isporuke  | mm                                   | <b>6500</b>   |



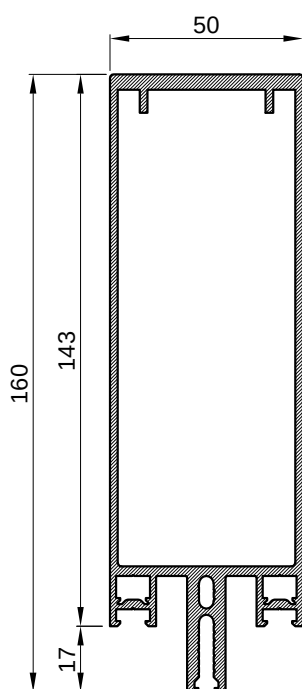
| Gornji nosač okomice |                                   |               |
|----------------------|-----------------------------------|---------------|
| Art.-Br.             | <b>F-VZ-010</b>                   |               |
| Težina               | kg/m'                             | <b>4.325</b>  |
| Opseg                | mm                                | <b>597.05</b> |
| Moment inercije      | I <sub>x</sub> (cm <sup>4</sup> ) | <b>474.34</b> |
|                      | I <sub>y</sub> (cm <sup>4</sup> ) | <b>37.42</b>  |
|                      | W <sub>x</sub> (cm <sup>3</sup> ) | <b>55.70</b>  |
|                      | W <sub>y</sub> (cm <sup>3</sup> ) | <b>10.63</b>  |
| Dužina isporuke      | mm                                | <b>6500</b>   |



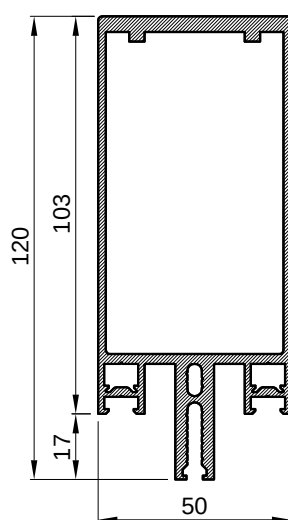
| Okomica         |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FMO 50/200</b>                 |               |
| Težina          | kg/m'                             | <b>3.81</b>   |
| Opseg           | mm                                | <b>621.30</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>721.91</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>51.55</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>69.5</b>   |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>20.62</b>  |
| Dužina isporuke | mm                                | <b>≤ 6800</b> |



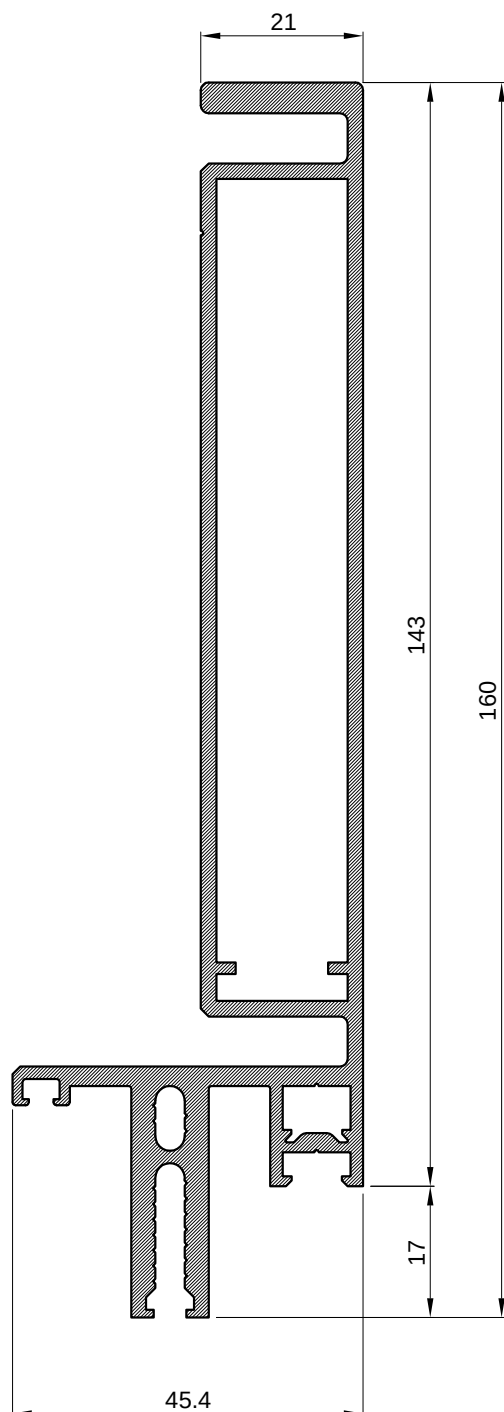
| Okomica         |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FMO 50/140</b>                 |               |
| Težina          | kg/m'                             | <b>3.2</b>    |
| Opseg           | mm                                | <b>501.02</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>282.65</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>37.96</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>39.38</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>15.18</b>  |
| Dužina isporuke |                                   | <b>≤ 6800</b> |



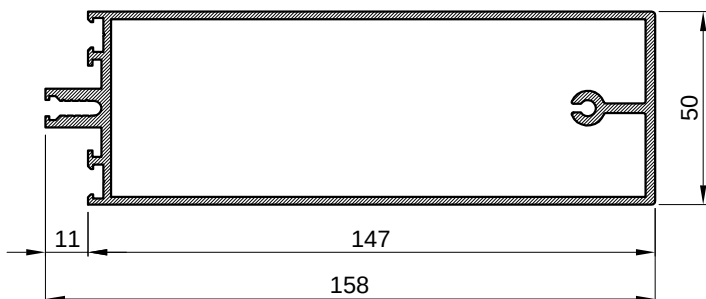
| Okomica         |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FMO 50/160</b>                 |               |
| Težina          | kg/m'                             | <b>3.131</b>  |
| Opseg           | mm                                | <b>540.70</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>357.47</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>40.94</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>44.14</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>16.37</b>  |
| Dužina isporuke | mm                                | <b>≤ 6800</b> |



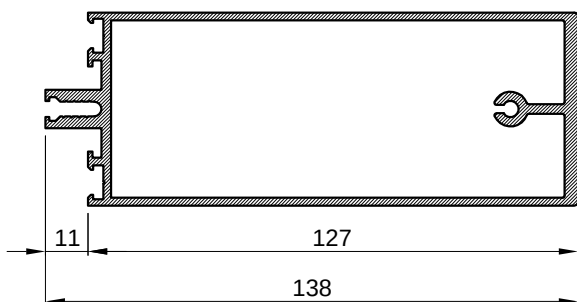
| Okomica         |                                   |                |
|-----------------|-----------------------------------|----------------|
| Art.-Br.        | <b>FMO 50/120</b>                 |                |
| Težina          | kg/m'                             | <b>2.67</b>    |
| Opseg           | mm                                | <b>466.566</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>164.62</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>31.31</b>   |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>26.98</b>   |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>12.52</b>   |
| Dužina isporuke | mm                                | <b>≤ 6800</b>  |



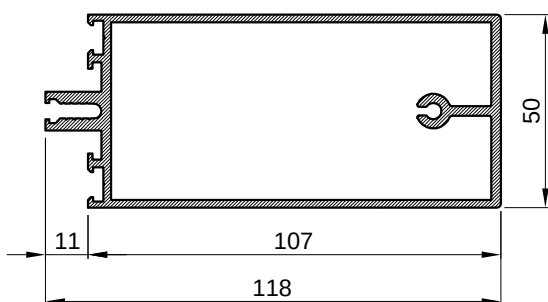
| Okomica(dvodijelna) |                                      |               |
|---------------------|--------------------------------------|---------------|
| Art.-Br.            | <b>FO-25/160</b>                     |               |
| Težina              | kg/m'                                | <b>2.69</b>   |
| Opseg               | mm                                   | <b>581.36</b> |
| Moment<br>inercije  | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>258.47</b> |
|                     | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>11.78</b>  |
|                     | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>29.5</b>   |
|                     | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>3.77</b>   |
| Dužina<br>isporuke  | mm                                   | <b>≤6800</b>  |



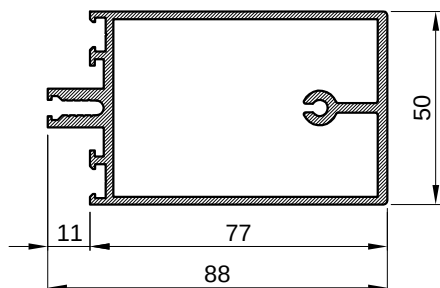
| Vodoravnica     |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FMV 50/158</b>                 |               |
| Težina          | kg/m'                             | <b>2.66</b>   |
| Opseg           | mm                                | <b>491.50</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>38.07</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>301.15</b> |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>15.23</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>36.85</b>  |
| Dužina isporuke | mm                                | ≤ 6800        |



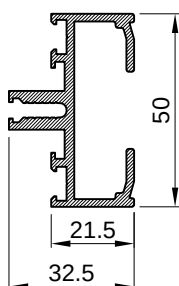
| Vodoravnica     |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FMV 50/138</b>                 |               |
| Težina          | kg/m'                             | <b>2.56</b>   |
| Opseg           | mm                                | <b>451.43</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>34.28</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>228.71</b> |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>13.71</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>30.63</b>  |
| Dužina isporuke | mm                                | ≤ 6800        |



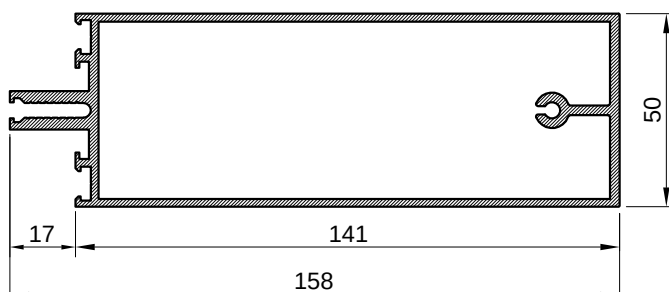
| Vodoravnica     |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FMV 50/118</b>                 |               |
| Težina          | kg/m'                             | <b>2.23</b>   |
| Opseg           | mm                                | <b>411.25</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>28.86</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>141.1</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>11.54</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>22.83</b>  |
| Dužina isporuke | mm                                | ≤ 6800        |



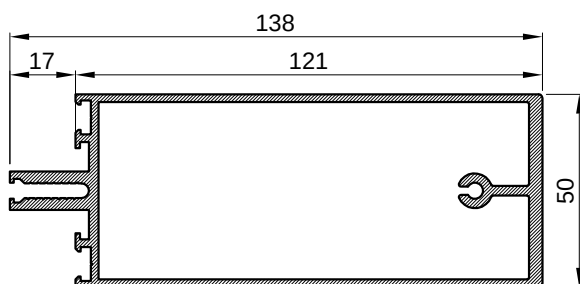
| Vodoravnica        |                                      |               |
|--------------------|--------------------------------------|---------------|
| Art.-Br.           | <b>FMV 50/88</b>                     |               |
| Težina             | kg/m'                                | <b>1.91</b>   |
| Opseg              | mm                                   | <b>351.50</b> |
| Moment<br>inercije | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>21.50</b>  |
|                    | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>63.20</b>  |
|                    | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.60</b>   |
|                    | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>13.20</b>  |
| Dužina<br>isporuke | mm                                   | ≤ 6800        |



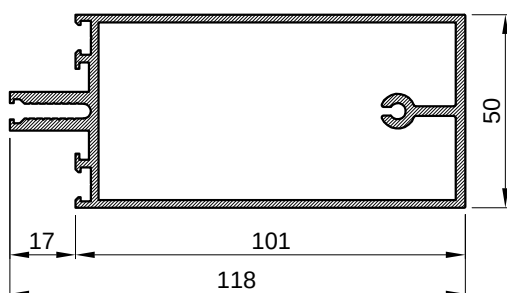
| Vodoravnica        |                                      |               |
|--------------------|--------------------------------------|---------------|
| Art.-Br.           | <b>FMV 50/32</b>                     |               |
| Težina             | kg/m'                                | <b>0.95</b>   |
| Opseg              | mm                                   | <b>323.78</b> |
| Moment<br>inercije | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>8.88</b>   |
|                    | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>2.59</b>   |
|                    | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>3.55</b>   |
|                    | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>1.47</b>   |
| Dužina<br>isporuke | mm                                   | ≤ 6800        |



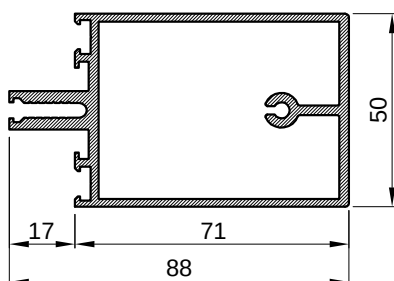
| Pomočna vodoravnica |                                   |                |
|---------------------|-----------------------------------|----------------|
| Art.-Br.            | <b>FVS 50/158</b>                 |                |
| Težina              | kg/m'                             | <b>2.689</b>   |
| Opseg               | mm                                | <b>920.569</b> |
| Moment inercije     | I <sub>x</sub> (cm <sup>4</sup> ) | <b>36.76</b>   |
|                     | I <sub>y</sub> (cm <sup>4</sup> ) | <b>295.26</b>  |
|                     | W <sub>x</sub> (cm <sup>3</sup> ) | <b>14.70</b>   |
|                     | W <sub>y</sub> (cm <sup>3</sup> ) | <b>36.00</b>   |
| Dužina isporuke     | mm                                | <b>≤ 6800</b>  |



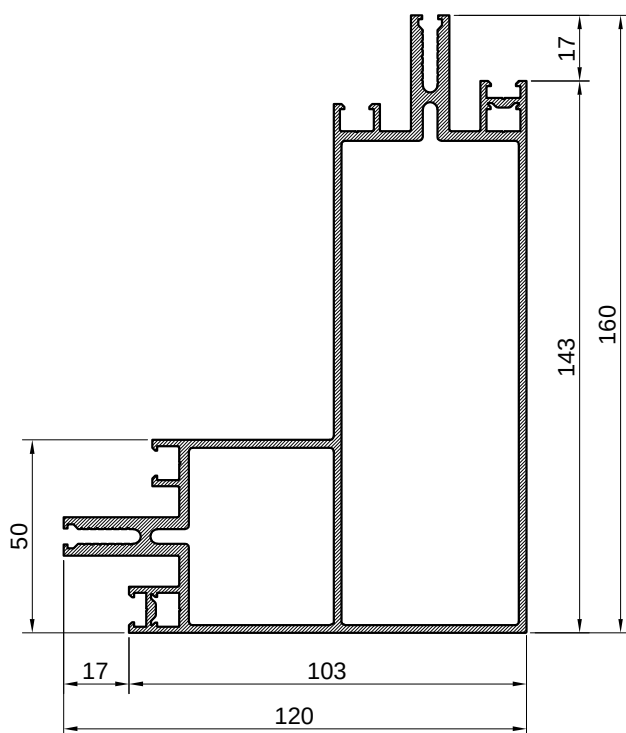
| Pomočna vodoravnica |                                   |               |
|---------------------|-----------------------------------|---------------|
| Art.-Br.            | <b>FPV 50/138</b>                 |               |
| Težina              | kg/m'                             | <b>2.59</b>   |
| Opseg               | mm                                | <b>464.93</b> |
| Moment inercije     | I <sub>x</sub> (cm <sup>4</sup> ) | <b>32.94</b>  |
|                     | I <sub>y</sub> (cm <sup>4</sup> ) | <b>223.22</b> |
|                     | W <sub>x</sub> (cm <sup>3</sup> ) | <b>13.18</b>  |
|                     | W <sub>y</sub> (cm <sup>3</sup> ) | <b>29.84</b>  |
| Dužina isporuke     | mm                                | <b>≤ 6800</b> |



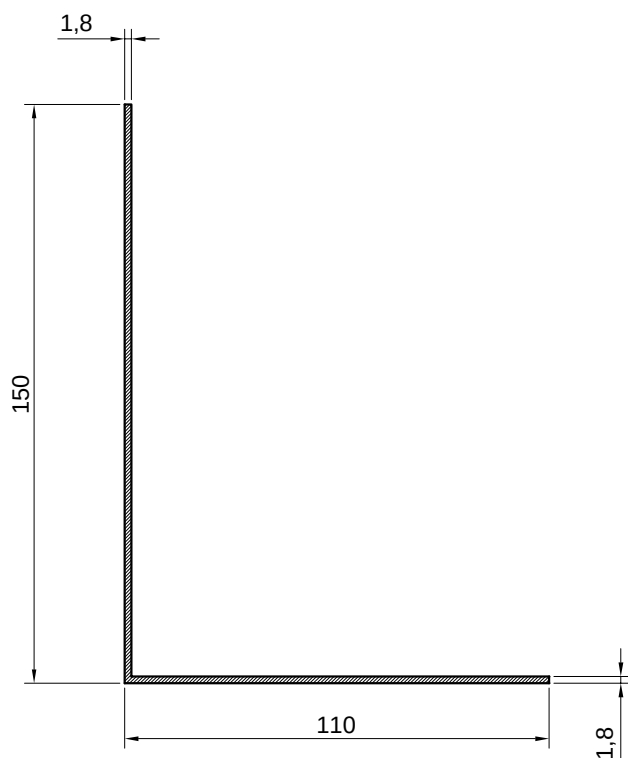
| Pomočna vodoravnica |                                   |               |
|---------------------|-----------------------------------|---------------|
| Art.-Br.            | <b>FVS 50/118</b>                 |               |
| Težina              | kg/m'                             | <b>2.25</b>   |
| Opseg               | mm                                | <b>426.39</b> |
| Moment inercije     | I <sub>x</sub> (cm <sup>4</sup> ) | <b>27.53</b>  |
|                     | I <sub>y</sub> (cm <sup>4</sup> ) | <b>135.80</b> |
|                     | W <sub>x</sub> (cm <sup>3</sup> ) | <b>11.01</b>  |
|                     | W <sub>y</sub> (cm <sup>3</sup> ) | <b>21.79</b>  |
| Dužina isporuke     | mm                                | <b>≤ 6800</b> |



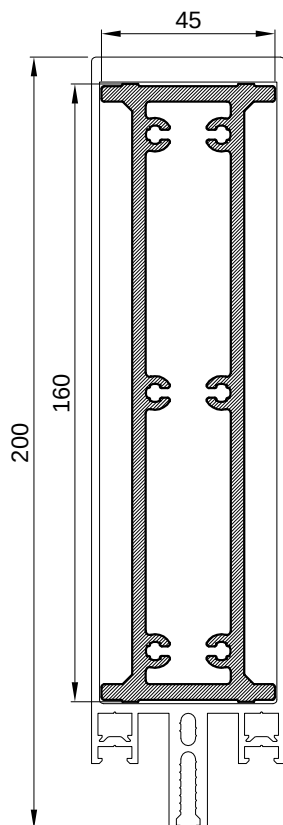
| Pomočna vodoravnica |                                      |                |
|---------------------|--------------------------------------|----------------|
| Art.-Br.            | <b>FVS 50/88</b>                     |                |
| Težina              | kg/m'                                | <b>1.939</b>   |
| Opseg               | mm                                   | <b>363.08</b>  |
| Moment<br>inercije  | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>20.5955</b> |
|                     | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>61.266</b>  |
|                     | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.238</b>   |
|                     | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>12.898</b>  |
| Dužina<br>isporuke  | mm                                   | <b>≤ 6800</b>  |



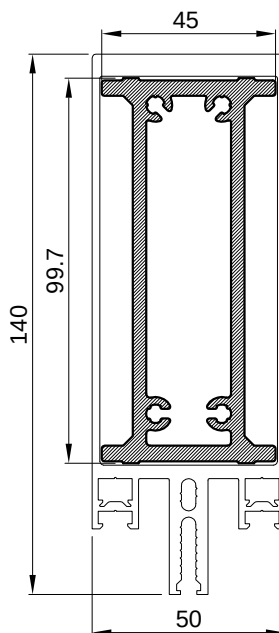
| Profil čoška    |                                   |                |
|-----------------|-----------------------------------|----------------|
| Art.-Br.        | <b>FOK 120/160</b>                |                |
| Težina          | kg/m'                             | <b>4.168</b>   |
| Opseg           | mm                                | <b>788.188</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>428.22</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>203.09</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>44.98</b>   |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>27.99</b>   |
| Dužina isporuke | mm                                | <b>sd</b>      |



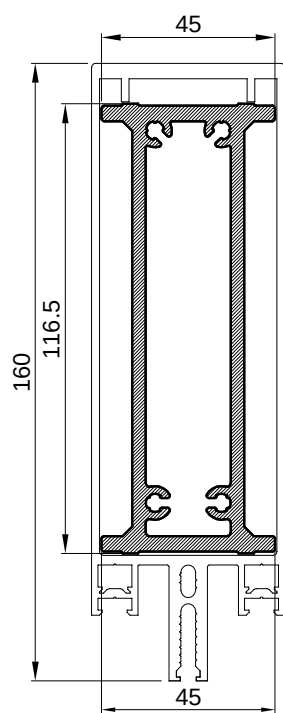
| Profil čoška    |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>F-1329</b>                     |               |
| Težina          | kg/m'                             | <b>1.255</b>  |
| Opseg           | mm                                | <b>520.0</b>  |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>112.76</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>53.23</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>10.63</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>6.19</b>   |
| Dužina isporuke | mm                                | <b>6000</b>   |



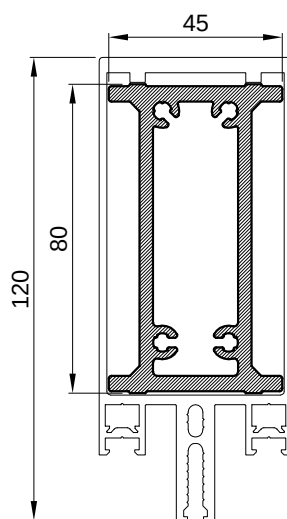
| Ojačanja        |                                   |                |
|-----------------|-----------------------------------|----------------|
| Art.-Br.        | <b>SB-072</b>                     |                |
| Težina          | kg/m'                             | <b>4.340</b>   |
| Opseg           | mm                                | <b>434.03</b>  |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>480.04</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>25.0</b>    |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>60.0</b>    |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>11.11</b>   |
| Dužina isporuke | mm                                | ≤ 6800         |
| Art.-Br.        | <b>SB-072+<br/>FMO 50/200</b>     |                |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>1206.34</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>76.55</b>   |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>111.12</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>30.62</b>   |



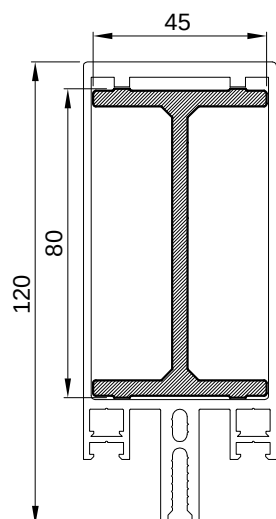
| Ojačanja        |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>SB-070</b>                     |               |
| Težina          | kg/m'                             | <b>3.00</b>   |
| Opseg           | mm                                | <b>313.43</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>143.04</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>17.54</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>28.40</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>7.80</b>   |
| Dužina isporuke | mm                                | ≤ 6800        |



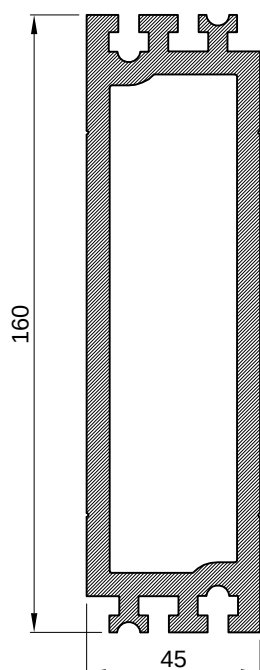
| Ojačanja        |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>SB-071</b>                     |               |
| Težina          | kg/m'                             | <b>3.311</b>  |
| Opseg           | mm                                | <b>347.03</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>211.52</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>19.46</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>35.95</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>8.65</b>   |
| Dužina isporuke | mm                                | ≤ 6800        |



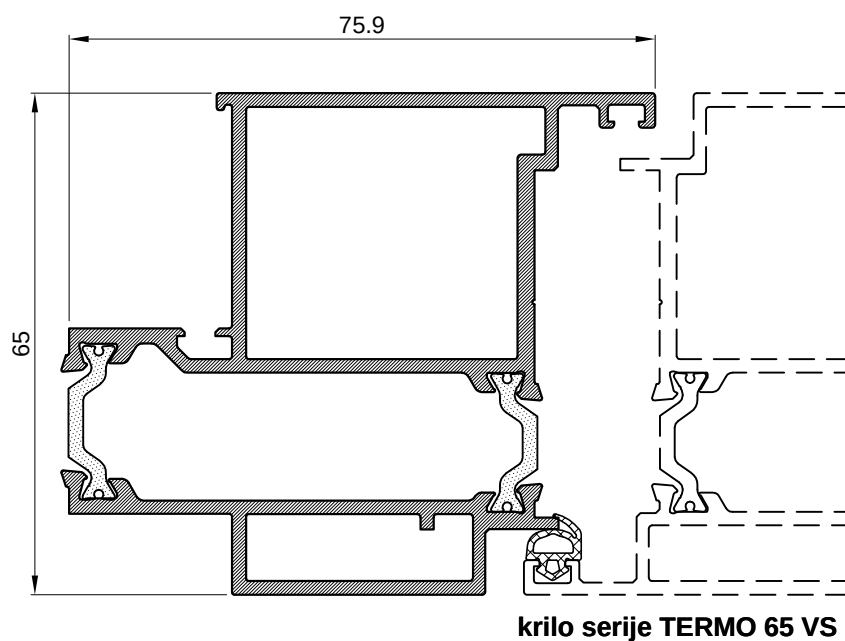
| Ojačanja        |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>SB-069</b>                     |               |
| Težina          | kg/m'                             | <b>2.621</b>  |
| Opseg           | mm                                | <b>274.03</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>82.27</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>15.28</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>20.38</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>6.79</b>   |
| Dužina isporuke | mm                                | ≤ 6800        |



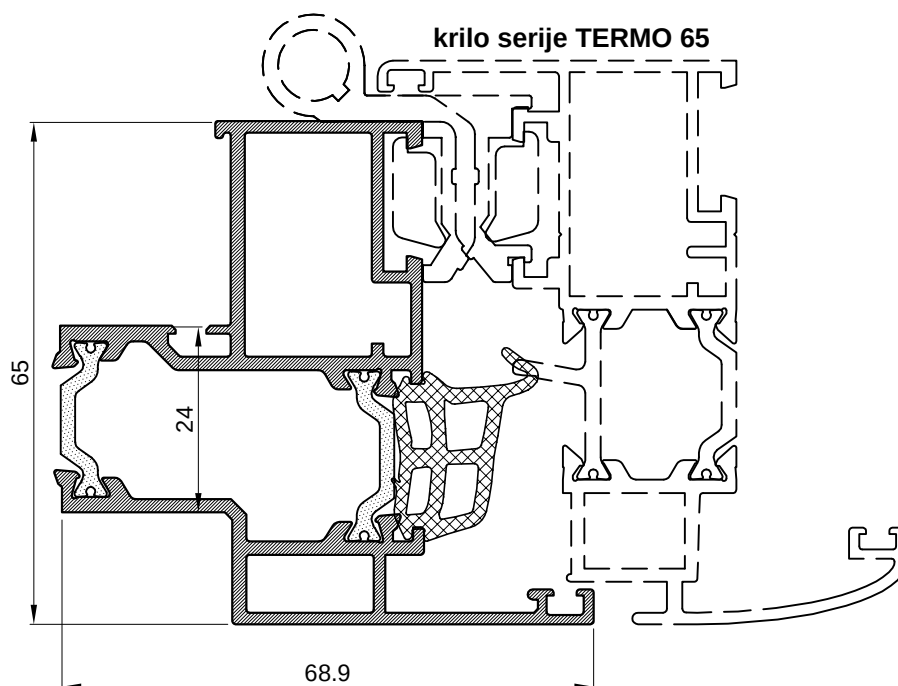
| Ojačanja        |                                   |                |
|-----------------|-----------------------------------|----------------|
| Art.-Br.        | <b>SB-064 M</b>                   |                |
| Težina          | kg/m'                             | <b>1.80</b>    |
| Opseg           | mm                                | <b>323.205</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>65.7540</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>6.2766</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>16.4385</b> |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>2.7896</b>  |
| Dužina isporuke | mm                                | <b>≤ 6800</b>  |



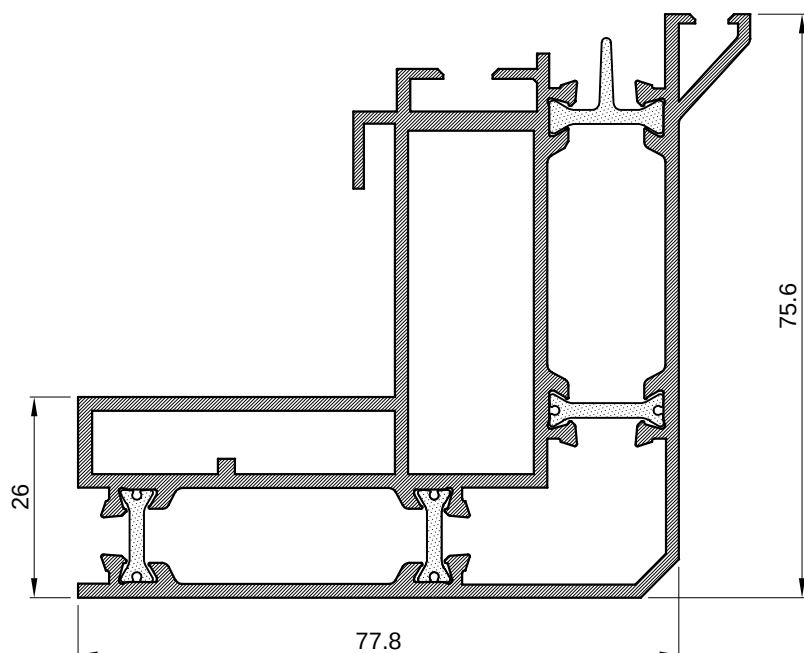
| Ojačanja        |                                   |                |
|-----------------|-----------------------------------|----------------|
| Art.-Br.        | <b>SB-066/M</b>                   |                |
| Težina          | kg/m'                             | <b>6.74</b>    |
| Opseg           | mm                                | <b>549.68</b>  |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>690.517</b> |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>75.461</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>86.315</b>  |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>33.538</b>  |
| Dužina isporuke | mm                                | <b>≤ 6800</b>  |



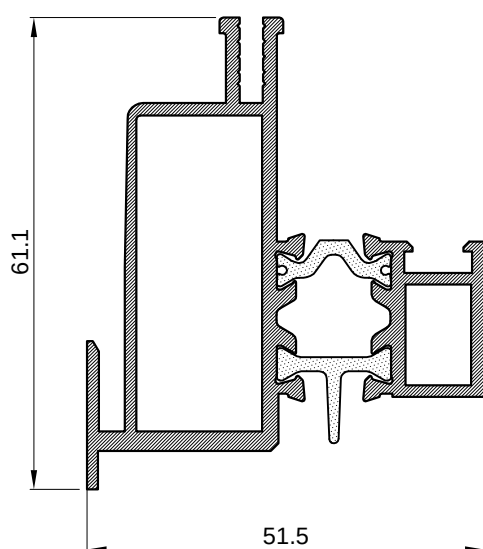
| Ram vrata T65 VS |                                   |               |
|------------------|-----------------------------------|---------------|
| Art.-Br.         | <b>FT-0260</b>                    |               |
| Težina           | kg/m'                             | <b>1.782</b>  |
| Opseg            | mm                                | <b>360.64</b> |
| Moment inercije  | I <sub>x</sub> (cm <sup>4</sup> ) | <b>22.84</b>  |
|                  | I <sub>y</sub> (cm <sup>4</sup> ) | <b>23.78</b>  |
|                  | W <sub>x</sub> (cm <sup>3</sup> ) | <b>8.62</b>   |
|                  | W <sub>y</sub> (cm <sup>3</sup> ) | <b>6.14</b>   |
| Dužina isporuke  | mm                                | <b>6500</b>   |



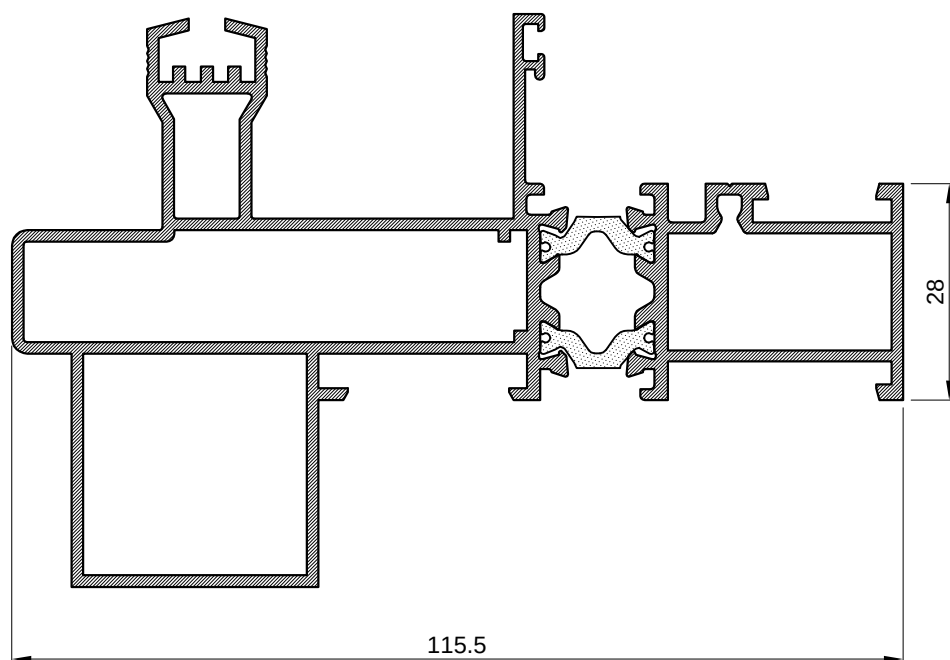
| Ram prozora T65 |                                   |               |
|-----------------|-----------------------------------|---------------|
| Art.-Br.        | <b>FT-0261</b>                    |               |
| Težina          | kg/m'                             | <b>1.479</b>  |
| Opseg           | mm                                | <b>361.00</b> |
| Moment inercije | I <sub>x</sub> (cm <sup>4</sup> ) | <b>16.41</b>  |
|                 | I <sub>y</sub> (cm <sup>4</sup> ) | <b>12.38</b>  |
|                 | W <sub>x</sub> (cm <sup>3</sup> ) | <b>5.83</b>   |
|                 | W <sub>y</sub> (cm <sup>3</sup> ) | <b>3.22</b>   |
| Dužina isporuke | mm                                | <b>6500</b>   |



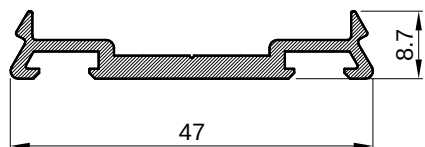
| Ram krovnog prozora |                                   |               |
|---------------------|-----------------------------------|---------------|
| Art.-Br.            | <b>FT-0125</b>                    |               |
| Težina              | kg/m'                             | <b>2.491</b>  |
| Opseg               | mm                                | <b>439.00</b> |
| Moment inercije     | I <sub>x</sub> (cm <sup>4</sup> ) | <b>46.02</b>  |
|                     | I <sub>y</sub> (cm <sup>4</sup> ) | <b>48.60</b>  |
|                     | W <sub>x</sub> (cm <sup>3</sup> ) | <b>10.36</b>  |
|                     | W <sub>y</sub> (cm <sup>3</sup> ) | <b>10.37</b>  |
| Dužina isporuke     | mm                                | <b>6500</b>   |



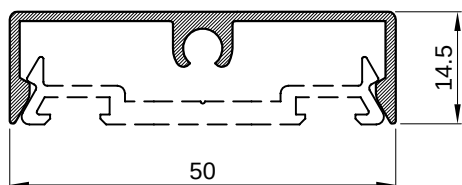
| Krilo krovnog prozora |                                   |               |
|-----------------------|-----------------------------------|---------------|
| Art.-Br.              | <b>FT-0124</b>                    |               |
| Težina                | kg/m'                             | <b>1.315</b>  |
| Opseg                 | mm                                | <b>305.00</b> |
| Moment inercije       | I <sub>x</sub> (cm <sup>4</sup> ) | <b>11.31</b>  |
|                       | I <sub>y</sub> (cm <sup>4</sup> ) | <b>9.98</b>   |
|                       | W <sub>x</sub> (cm <sup>3</sup> ) | <b>3.23</b>   |
|                       | W <sub>y</sub> (cm <sup>3</sup> ) | <b>3.57</b>   |
| Dužina isporuke       | mm                                | <b>6500</b>   |



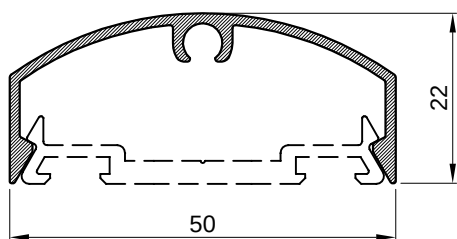
| Al profil          |                                      |               |
|--------------------|--------------------------------------|---------------|
| Art.-Br.           | <b>TI 925/692</b>                    |               |
| Težina             | kg/m'                                | <b>2.36</b>   |
| Opseg              | mm                                   | <b>586.40</b> |
| Moment<br>inercije | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>25.79</b>  |
|                    | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>93.5</b>   |
|                    | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>6.65</b>   |
|                    | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>14.89</b>  |
| Dužina<br>isporuke | mm                                   | <b>6500</b>   |



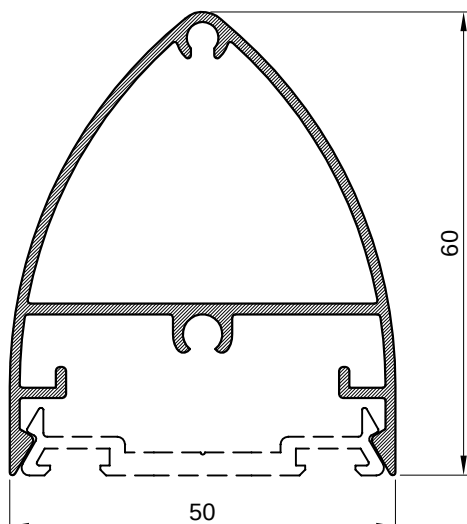
| Držač poklopne lajsne |                 |               |
|-----------------------|-----------------|---------------|
| Art.-Br.              | <b>FMO 50/8</b> |               |
| Težina                | kg/m'           | <b>0.38</b>   |
| Opseg                 | mm              | <b>142.00</b> |
| Dužina isporuke       | mm              | <b>6500</b>   |



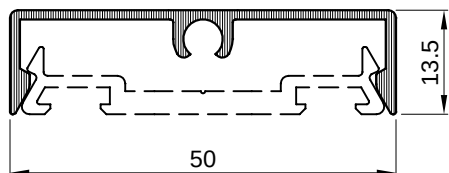
| Poklopna lajsna |                  |               |
|-----------------|------------------|---------------|
| Art.-Br.        | <b>FMO 50/15</b> |               |
| Težina          | kg/m'            | <b>0.34</b>   |
| Opseg           | mm               | <b>175.00</b> |
| Dužina isporuke | mm               | <b>6500</b>   |



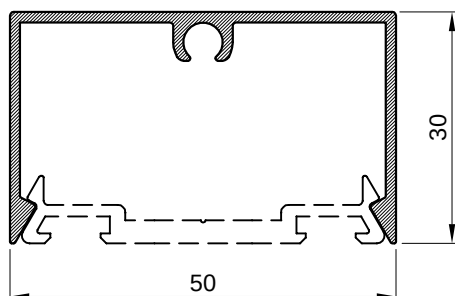
| Poklopna lajsna |                  |               |
|-----------------|------------------|---------------|
| Art.-Br.        | <b>FMO 50/22</b> |               |
| Težina          | kg/m'            | <b>0.35</b>   |
| Opseg           | mm               | <b>179.70</b> |
| Dužina isporuke | mm               | <b>6500</b>   |



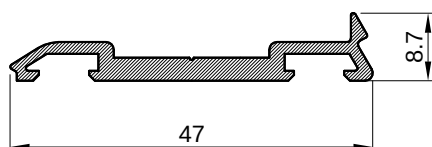
| Poklopna lajsna |                  |               |
|-----------------|------------------|---------------|
| Art.-Br.        | <b>FMO 50/60</b> |               |
| Težina          | kg/m'            | <b>0.80</b>   |
| Opseg           | mm               | <b>279.00</b> |
| Dužina isporuke | mm               | <b>6500</b>   |



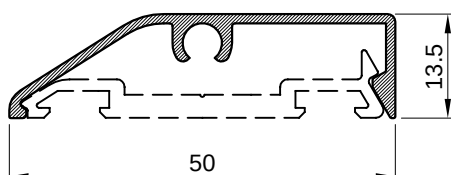
| Poklopna lajsna |                  |               |
|-----------------|------------------|---------------|
| Art.-Br.        | <b>FMV 50/14</b> |               |
| Težina          | kg/m'            | <b>0.30</b>   |
| Opseg           | mm               | <b>169.10</b> |
| Dužina isporuke | mm               | <b>6500</b>   |



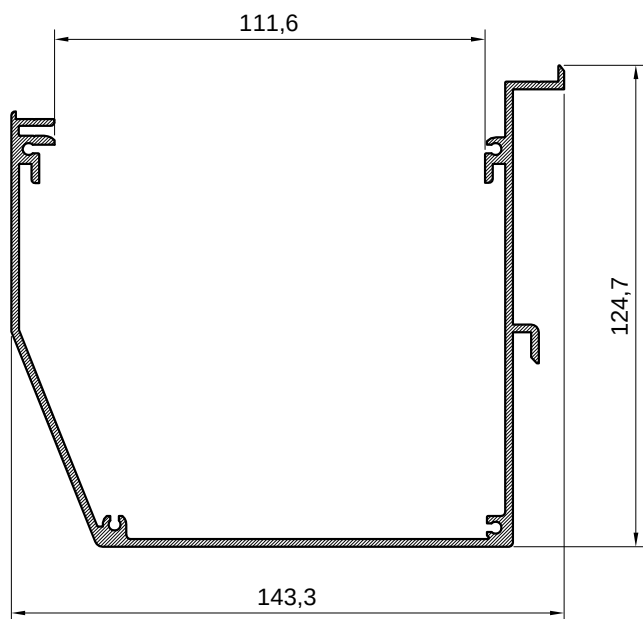
| Poklopna lajsna |                  |               |
|-----------------|------------------|---------------|
| Art.-Br.        | <b>FMO 50/30</b> |               |
| Težina          | kg/m'            | <b>0.45</b>   |
| Opseg           | mm               | <b>236.10</b> |
| Dužina isporuke | mm               | <b>6500</b>   |



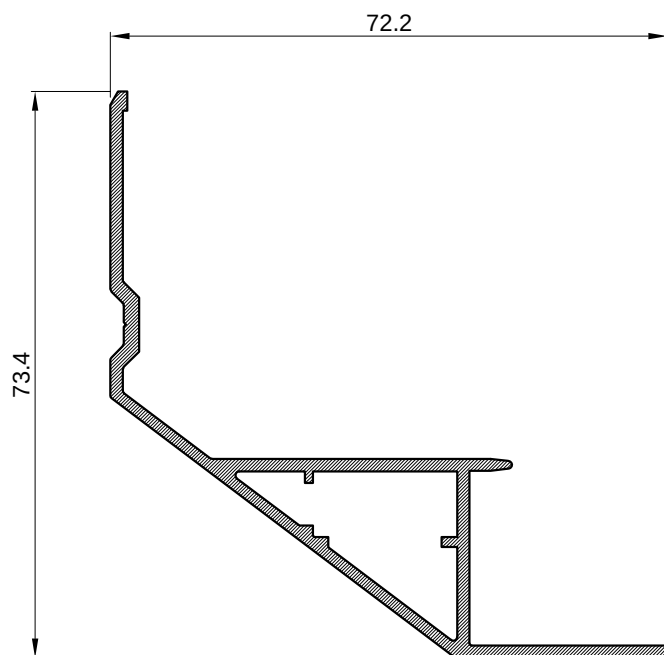
| Držač poklopne lajsne |                 |              |
|-----------------------|-----------------|--------------|
| Art.-Br.              | <b>FMV 50/8</b> |              |
| Težina                | kg/m'           | <b>0.35</b>  |
| Opseg                 | mm              | <b>132.5</b> |
| Dužina isporuke       | mm              | <b>6500</b>  |



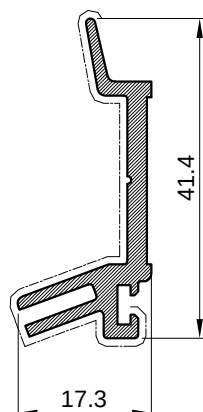
| Poklopna lajsna |                    |               |
|-----------------|--------------------|---------------|
| Art.-Br.        | <b>FMV 50/14-K</b> |               |
| Težina          | kg/m'              | <b>0.28</b>   |
| Opseg           | mm                 | <b>155.00</b> |
| Dužina isporuke | mm                 | <b>6500</b>   |



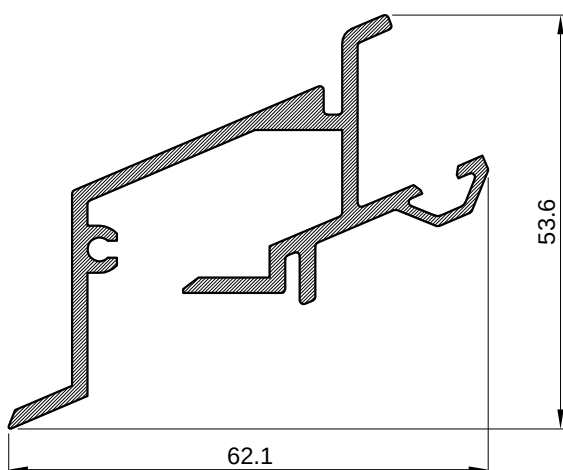
| Al oluk         |               |               |
|-----------------|---------------|---------------|
| Art.-Br.        | <b>F-0819</b> |               |
| Težina          | kg/m'         | <b>2.38</b>   |
| Opseg           | mm            | <b>847.03</b> |
| Dužina isporuke | mm            | <b>6500</b>   |



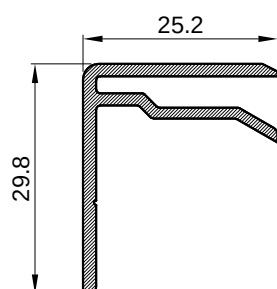
| Al profil       |               |               |
|-----------------|---------------|---------------|
| Art.-Br.        | <b>F-0796</b> |               |
| Težina          | kg/m'         | <b>0.808</b>  |
| Opseg           | mm            | <b>277.00</b> |
| Dužina isporuke | mm            | <b>6500</b>   |



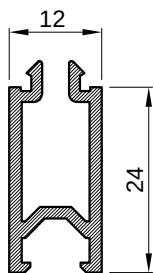
| Al profil       |                 |                |
|-----------------|-----------------|----------------|
| Art.-Br.        | <b>F-VZ-006</b> |                |
| Težina          | kg/m'           | <b>0.404</b>   |
| Opseg           | mm              | <b>152.858</b> |
| Dužina isporuke | mm              | <b>6500</b>    |



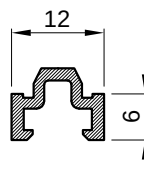
| Al profil       |                 |                |
|-----------------|-----------------|----------------|
| Art.-Br.        | <b>F-VZ-007</b> |                |
| Težina          | kg/m'           | <b>0.912</b>   |
| Opseg           | mm              | <b>338.788</b> |
| Dužina isporuke | mm              | <b>6500</b>    |



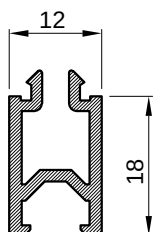
| Al profil       |               |               |
|-----------------|---------------|---------------|
| Art.-Br.        | <b>F-0895</b> |               |
| Težina          | kg/m'         | <b>0.33</b>   |
| Opseg           | mm            | <b>157.55</b> |
| Dužina isporuke | mm            | <b>6500</b>   |



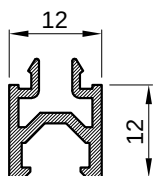
| Al profil       |                 |               |
|-----------------|-----------------|---------------|
| Art.-Br.        | <b>FM 24/12</b> |               |
| Težina          | kg/m'           | <b>0.31</b>   |
| Opseg           | mm              | <b>148.30</b> |
| Dužina isporuke | mm              | <b>6500</b>   |



| Al profil       |                |              |
|-----------------|----------------|--------------|
| Art.-Br.        | <b>FM 6/12</b> |              |
| Težina          | kg/m'          | <b>0.116</b> |
| Opseg           | mm             | <b>61.00</b> |
| Dužina isporuke | mm             | <b>6500</b>  |



| Al profil       |                 |               |
|-----------------|-----------------|---------------|
| Art.-Br.        | <b>FM 18/12</b> |               |
| Težina          | kg/m'           | <b>0.254</b>  |
| Opseg           | mm              | <b>124.00</b> |
| Dužina isporuke | mm              | <b>6500</b>   |

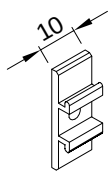
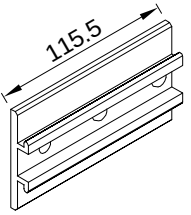
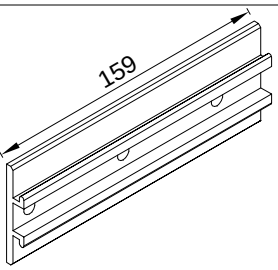
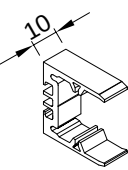
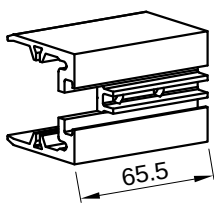
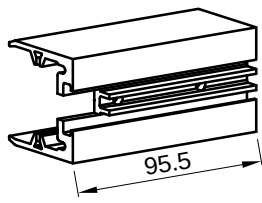
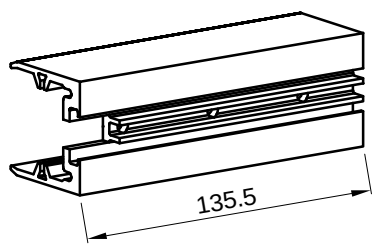


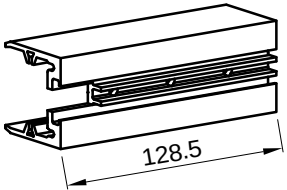
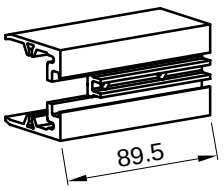
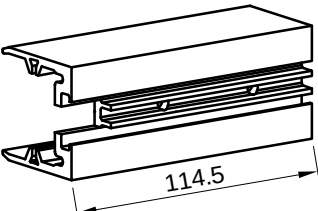
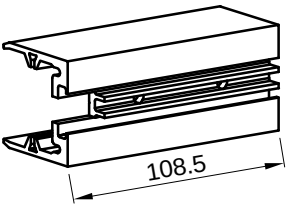
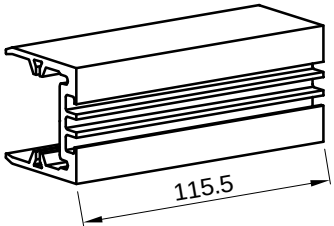
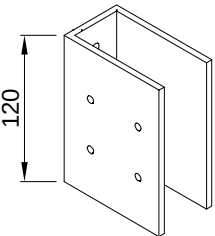
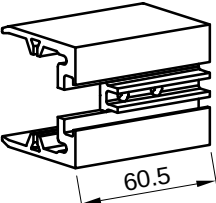
| Al profil       |                 |               |
|-----------------|-----------------|---------------|
| Art.-Br.        | <b>FM 12/12</b> |               |
| Težina          | kg/m'           | <b>0.18</b>   |
| Opseg           | mm              | <b>100.16</b> |
| Dužina isporuke | mm              | <b>6500</b>   |

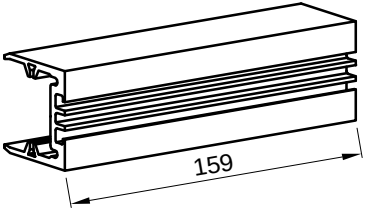
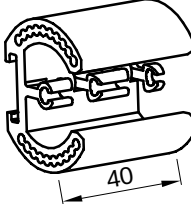
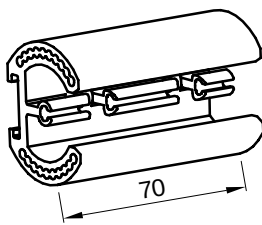
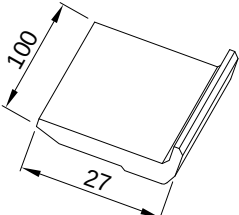
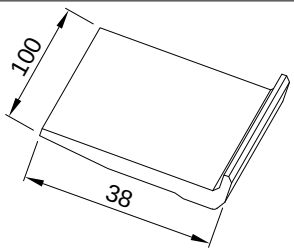
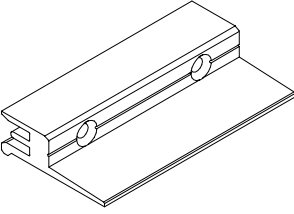
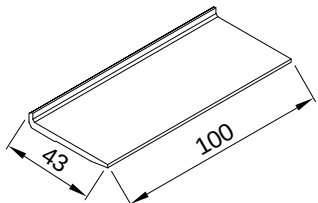
Okovi

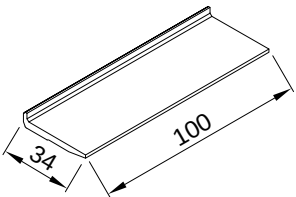
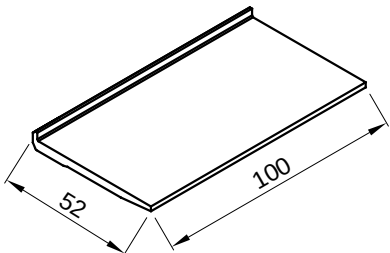
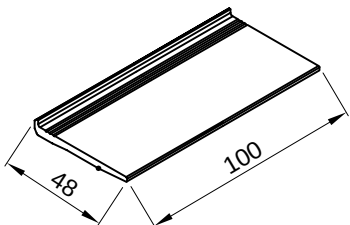
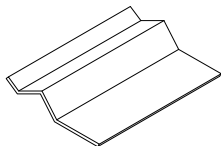
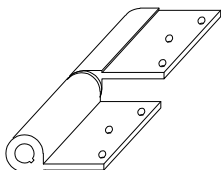
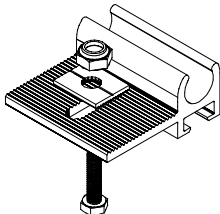
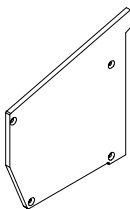
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| KOD     | Izgled-presjek                                                                      | Opis                                                     | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-----------|------|
| 720.205 |    | - Klizač okomice za vodoravnicu FMV 50/32                | Al.       |      |
| 720.210 |    | - Klizač nosača okomice FMO 50/160                       | Al.       |      |
| 720.211 |   | - Klizač nosača okomice FMO 50/200                       | Al.       |      |
| 721.205 |  | - Klizač za vodoravnicu FMV 50/32                        | Al.       |      |
| 721.208 |  | - Klizač za vodoravnicu FMV 50/88 za ravnu gumu 361.003  | Al.       |      |
| 721.209 |  | - Klizač za vodoravnicu FMV 50/88 za ravnu gumu 361.003  | Al.       |      |
| 721.210 |  | - Klizač za vodoravnicu FMV 50/158 za ravnu gumu 361.005 | Al.       |      |

| KOD     | Izgled-presjek                                                                      | Opis                                                     | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-----------|------|
| 721.212 |    | - Klizač za pom. vod. FVS 50/158 za ravnu gumu 361.007   | Al.       |      |
| 721.213 |    | - Klizač za pom. vod. FVS 50/118 za ravnu gumu 361.008   | Al.       |      |
| 721.214 |   | - Klizač za vodoravnicu FMV 50/138 za ravnu gumu 361.011 | Al.       |      |
| 721.215 |  | - Klizač za pom. vod FPV 50/138 za ravnu gumu 361.012    | Al.       |      |
| 721.219 |  | - Klizač za okomicu FMO 50/160                           | Al.       |      |
| 721.220 |  | - Klizač za vodoravnicu F-VZ-001                         | Al.       |      |
| 721.221 |  | - Klizač za pom. vod. FVS 50/88 za ravnu gumu 361.009    | Al.       |      |

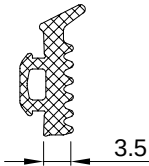
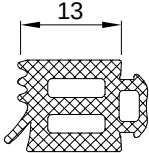
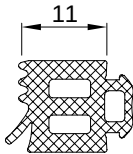
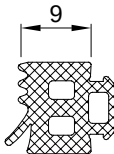
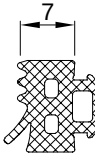
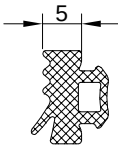
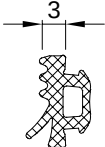
| KOD     | Izgled-presjek                                                                      | Opis                                         | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|----------------------------------------------|-----------|------|
| 721.222 |    | - Klizač za okomicu FMO 50/200               | Al.       |      |
| 722.201 |    | - Klizač pod kutem za pom. okomicu FVS 50/88 | Al.       |      |
| 722.202 |   | - Klizač pod kutem za pom.okomicu FVS 50/118 | Al.       |      |
| 521.005 |  | - Držać stakla (27x100)                      | Al.       |      |
| 521.014 |  | - Držać stakla (38x100)                      | Al.       |      |
| 521.064 |  | - Držać stakla (54x100)                      | Al.       |      |
| 521.066 |  | - Držać stakla (43x100)                      | Al.       |      |

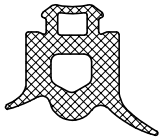
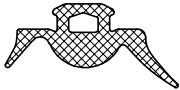
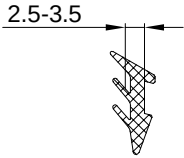
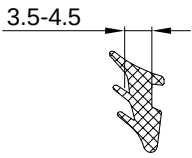
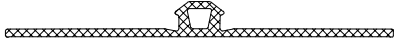
| KOD     | Izgled-presjek                                                                                                   | Opis                                                                                                       | Materijal | Nap. |
|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------|------|
| 521.067 |                                 | - Držać stakla (34x100)                                                                                    | Al        |      |
| 521.122 |                                 | - Držać stakla (52x100)                                                                                    | Al        |      |
| 521.127 |                                | - Držać stakla (48x100)                                                                                    | Al        |      |
| 521.008 |                               | - Elastični držać opšava                                                                                   | Inox      |      |
| 111.006 | <br>vijak M6X9 DIN 85 - KOM.6 | - Šarka za krovni prozor (AD-100/1)<br>- Stara oznaka AD-100/1<br>- Boje: 01- bijela; 02 - siva; 03 - crna | Al.       |      |
| 301.007 |                               | - Prihvatnik nosača                                                                                        | Al.       |      |
| 391.007 |                               | - Bočni poklopac za oluk F-0819<br>- Stara oznaka: BC-0819                                                 | Al.       |      |

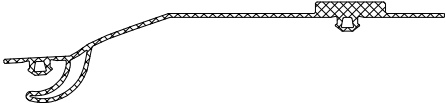
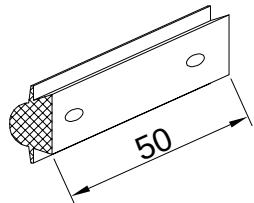
# Brtve, gumeni odstojnici i PVC komponente

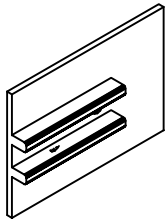
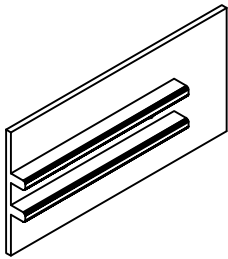
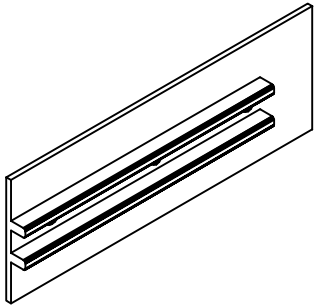
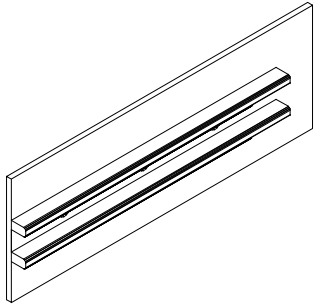
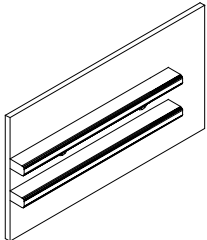
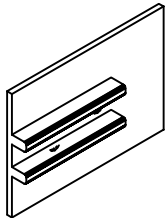
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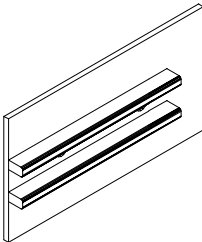
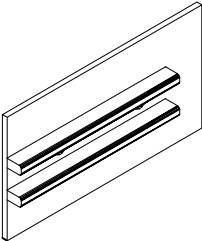
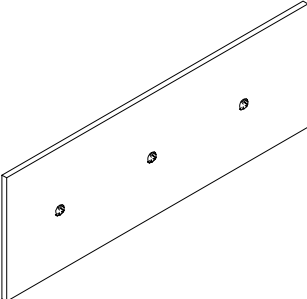
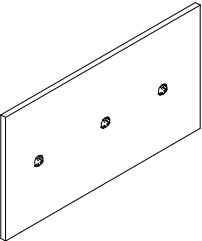
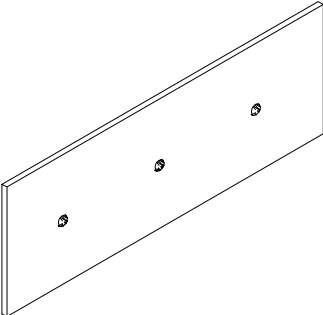


| KOD     | Izgled-presjek                                                                      | Opis                                       | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|--------------------------------------------|-----------|------|
| 358.012 |    | - Brtnica prema staklu - vanjska (3.5 mm)  | EPDM      | 71   |
| 358.017 |    | - Brtnica prema staklu - unutarnja (13 mm) | EPDM      | 71   |
| 358.016 |    | - Brtnica prema staklu - unutarnja (11 mm) | EPDM      | 71   |
| 358.015 |  | - Brtnica prema staklu - unutarnja (9 mm)  | EPDM      | 71   |
| 358.014 |  | - Brtnica prema staklu - unutarnja (7 mm)  | EPDM      | 71   |
| 358.013 |  | - Brtnica prema staklu - unutarnja (5 mm)  | EPDM      | 71   |
| 358.011 |  | - Brtnica prema staklu - unutarnja (3 mm)  | EPDM      | 71   |

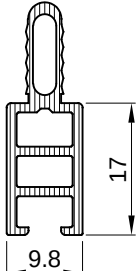
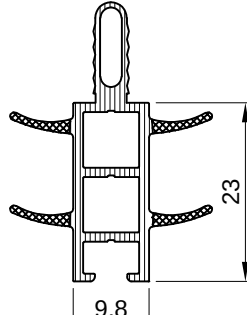
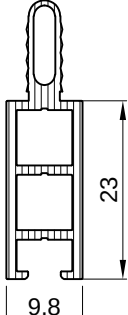
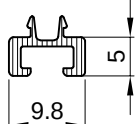
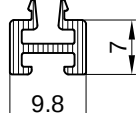
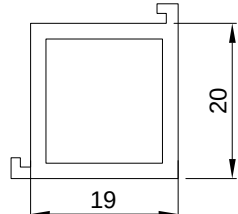
| KOD     | Izgled-presjek                                                                      | Opis                                                 | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|------------------------------------------------------|-----------|------|
| 358.008 |    | - Brtnica prema staklu unutarnja, fasada pod kutom   | EPDM      | 71   |
| 358.007 |    | - Brtnica prema staklu vanjska, fasada pod kutom     | EPDM      | 71   |
| 328.001 |    | - Brtnica u profilu krila i rama                     | EPDM      | 61   |
| 318.001 |  | - Brtnica prema staklu-unutarnja (3mm)               | EPDM      | 71   |
| 318.002 |  | - Brtnica prema staklu-unutarnja (4mm)               | EPDM      | 71   |
| 322.004 |  | - Brtnica prema staklu - vanjska (4.5 mm)            | EPDM      | 71   |
| 341.002 |  | - Brtnica spoja gornjeg nosača okomice i vodoravnice | EPDM      | 71   |

| KOD     | Izgled-presjek                                                                     | Opis                                       | Materijal | Nap. |
|---------|------------------------------------------------------------------------------------|--------------------------------------------|-----------|------|
| 341.003 |   | - Brtva u nosaču okomice                   | EPDM      | 71   |
| 341.004 |   | - Brtva u prihvatniku nosača okomice       | EPDM      | 71   |
| 355.001 |  | - Brtva na okomici prema vodoravnici 50 mm | EPDM      |      |
|         |                                                                                    |                                            |           |      |
|         |                                                                                    |                                            |           |      |
|         |                                                                                    |                                            |           |      |
|         |                                                                                    |                                            |           |      |
|         |                                                                                    |                                            |           |      |

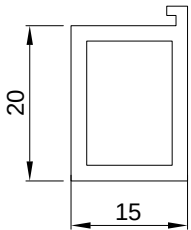
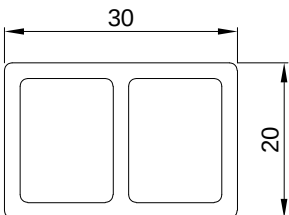
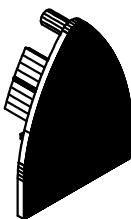
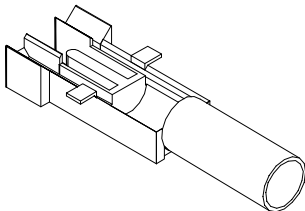
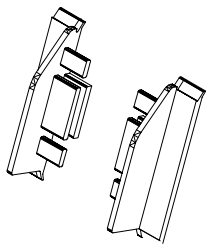
| KOD     | Izgled-presjek                                                                      | Opis                                                    | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|---------------------------------------------------------|-----------|------|
| 361.003 |    | - Ravni gumeni odstopnik za vodoravnicu FMV 50/88       | EPDM      |      |
| 361.004 |    | - Ravni gumeni odstopnik za vodoravnicu FMV 50/118      | EPDM      |      |
| 361.005 |   | - Ravni gumeni odstopnik za vodoravnicu FMV 50/158      | EPDM      |      |
| 361.007 |  | - Ravni gumeni odstopnik za pom. vodoravnicu FVS 50/158 | EPDM      |      |
| 361.008 |  | -Ravni gumeni odstopnik za pom.vodoravnicu FVS 50/118   | EPDM      |      |
| 361.009 |  | -Ravni gumeni odstopnik za pom.vodoravnicu FVS 50/88    | EPDM      |      |

| KOD     | Izgled-presjek                                                                      | Opis                                                      | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|------|
| 361.010 |    | -Gumeni odstopnik za vodoravnicu<br>FMV 50/32             | EPDM      |      |
| 361.011 |    | -Ravni gumeni odstopnik za vodoravnicu<br>FMV 50/138      | EPDM      |      |
| 361.012 |   | -Ravni gumeni odstopnik za pom. vodoravnicu<br>FPV 50/138 | EPDM      |      |
| 361.014 |  | -Ravni gumeni odstopnik za okomicu<br>FMO 50/160          | EPDM      |      |
| 361.016 |  | -Ravni gumeni odstopnik za veznik 721.220                 | EPDM      |      |
| 361.017 |  | -Ravni gumeni odstopnik za okomicu<br>FMO 50/200          | EPDM      |      |

## ZIMSKI VRT

| KOD     | Izgled-presjek                                                                      | Opis                    | Materijal | Nap. |
|---------|-------------------------------------------------------------------------------------|-------------------------|-----------|------|
| 374.005 |    | - Profil 17 mm          | PVC       |      |
| 374.006 |    | - Profil sa perom 23 mm | PVC       |      |
| 374.007 |   | - Profil 23 mm          | PVC       |      |
| 374.008 |  | - Profil 5 mm           | PVC       |      |
| 374.009 |  | - Profil 7 mm           | PVC       |      |
| 374.012 |  | - Distancer 19 mm       | PVC       |      |

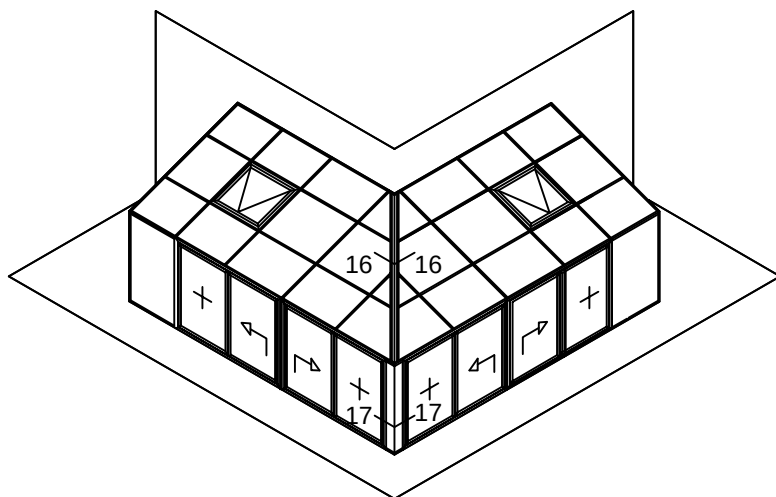
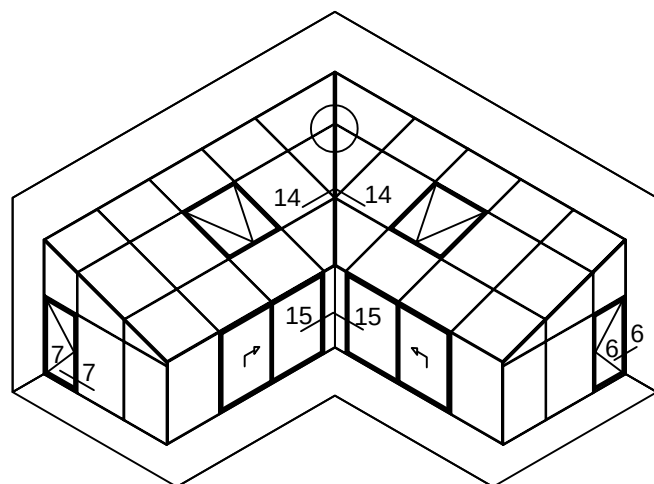
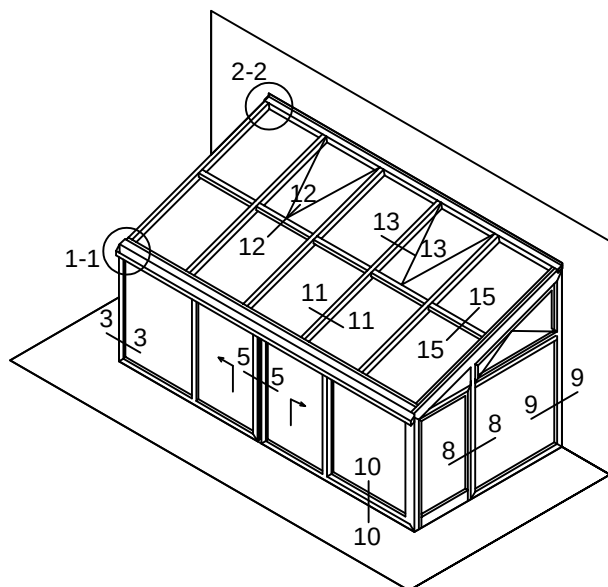
## ZIMSKI VRT

| KOD     | Izgled-presjek                                                                      | Opis                           | Materijal  | Nap. |
|---------|-------------------------------------------------------------------------------------|--------------------------------|------------|------|
| 374.013 |    | - Distancer 15 mm              | PVC        |      |
| 374.014 |    | - Distancer                    | PVC        |      |
| 375.007 |   | - Umetak za profil FMO 50/22   | PVC        |      |
| 375.008 |  | - Umetak za profil FMO 50/30   | PVC        |      |
| 375.009 |  | - Umetak za profil FMO 50/60   | PVC        |      |
| 363.021 |  | - Umetak za izvod kapljevina   | Tvrda guma |      |
| 375.022 |  | - Umetak za profil FMV 50/14-K | PVC        |      |

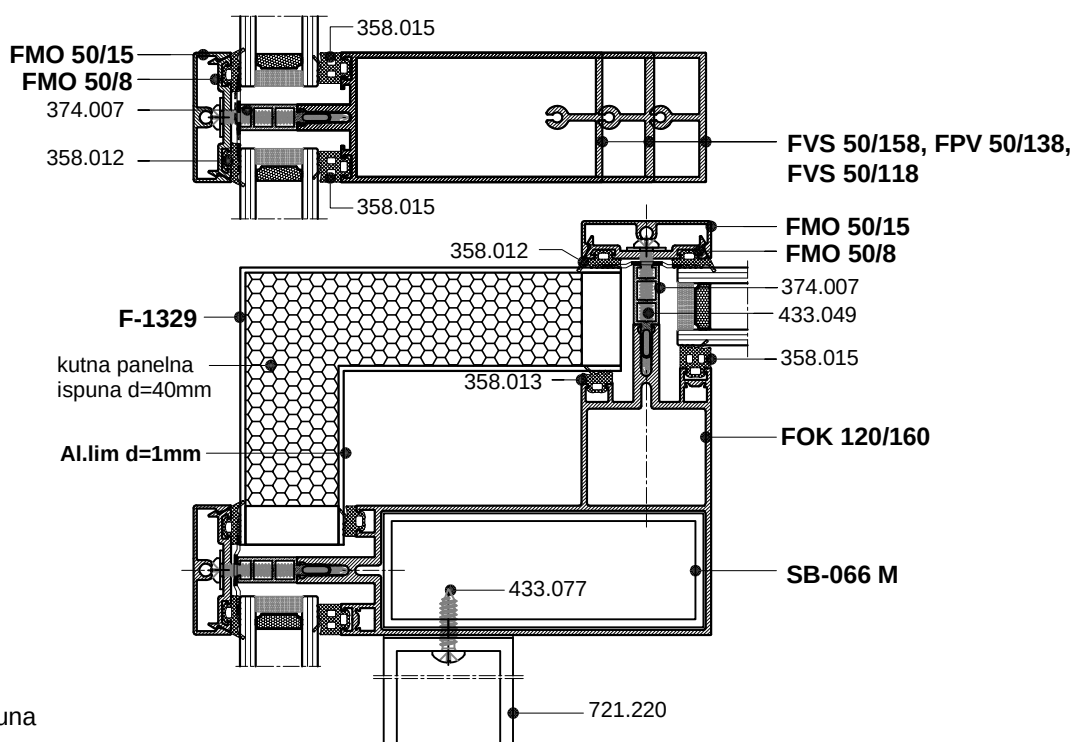
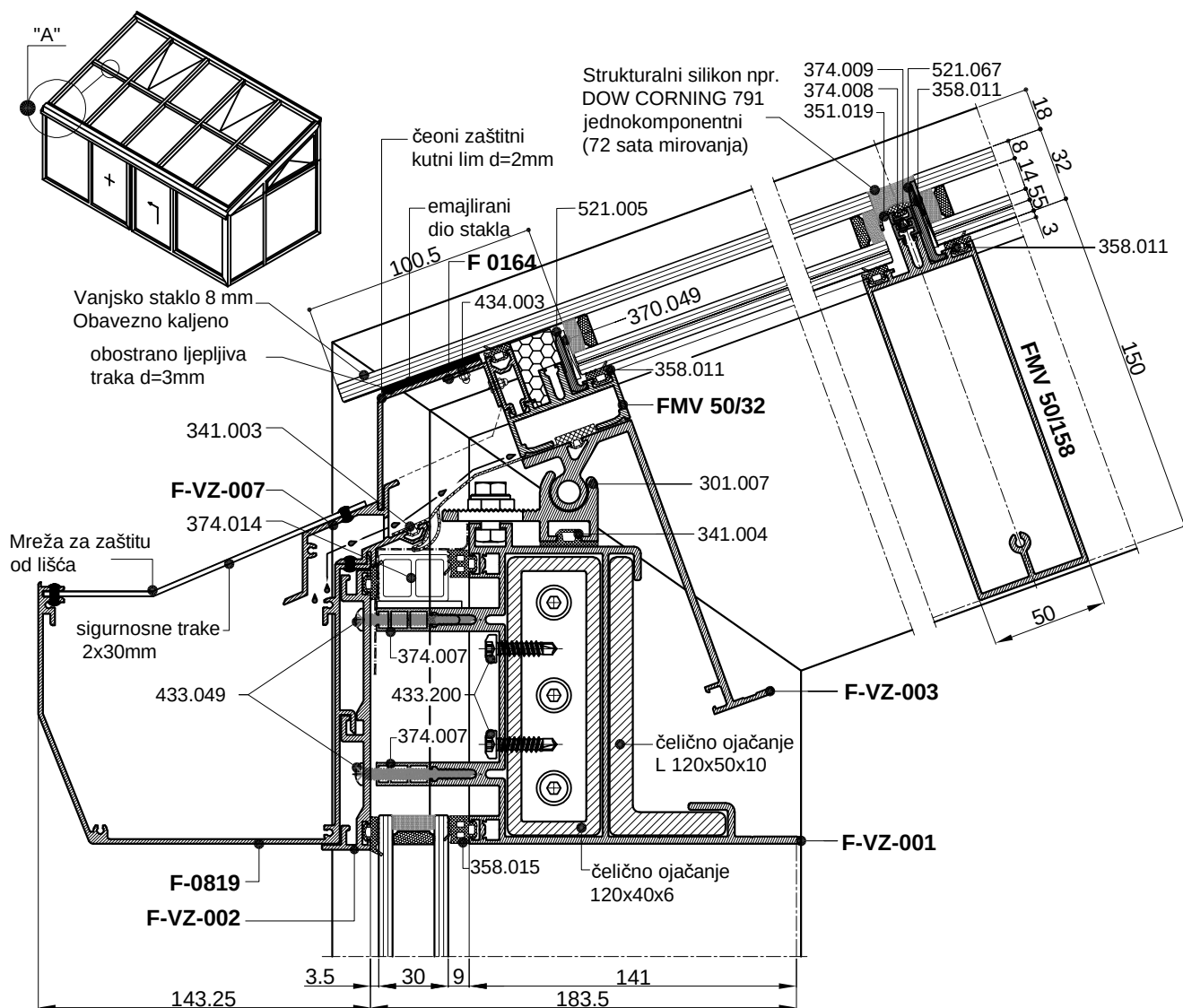


## Presjeci

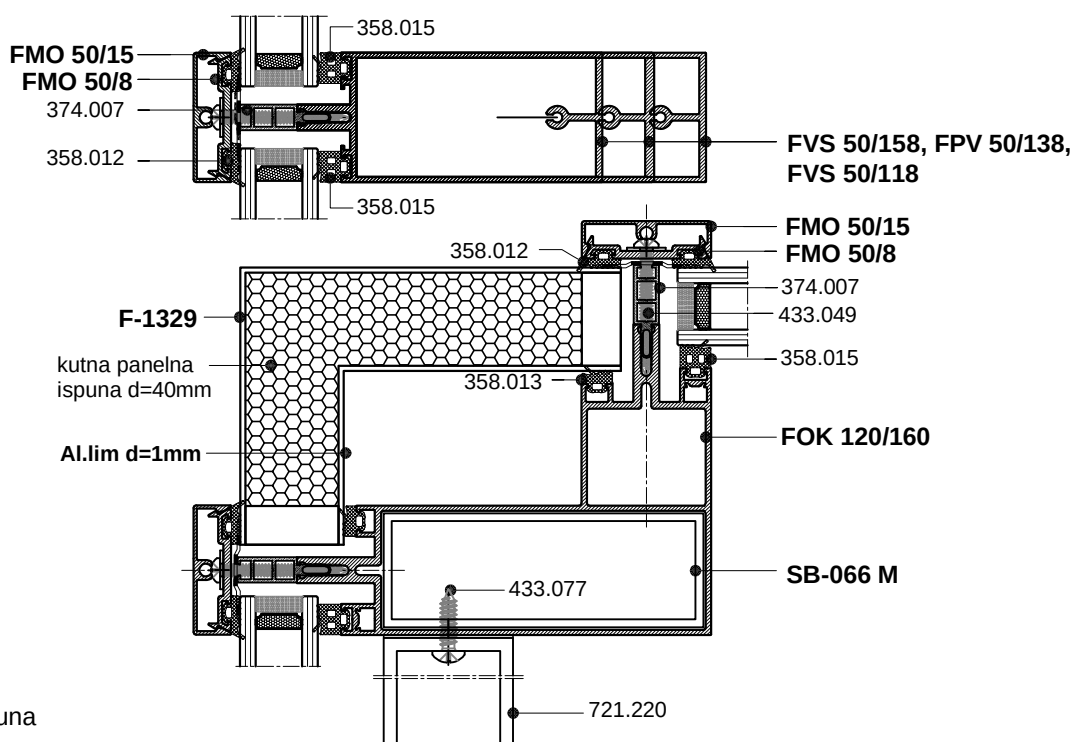
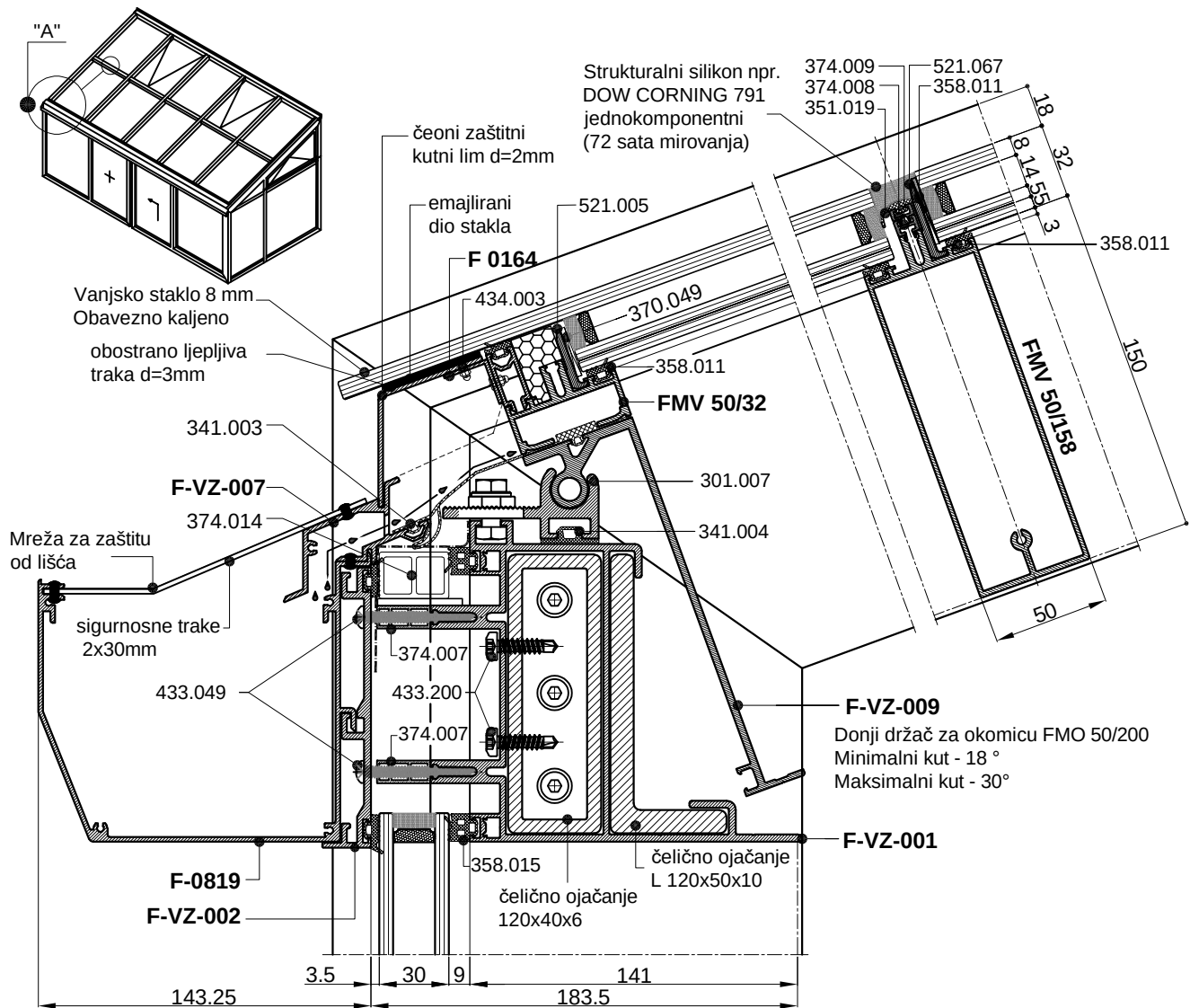


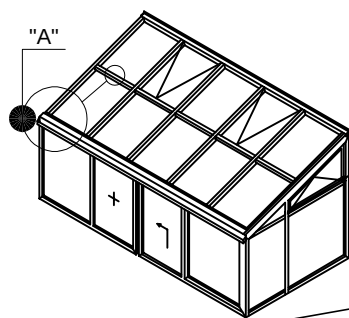


| Presjek | Napomena                                      | Str.         |
|---------|-----------------------------------------------|--------------|
| 1-1     | Fok 120/160 - spoj pod kutem.....             | 255.01.02/03 |
| 1A-1A   | Fok 120/160 - spoj pod kutem (10°).....       | 255.01.04    |
| 1B-1B   | Fok 120/160 - spoj pod kutem (20°).....       | 255.01.05    |
| 1C-1C   | Fok 120/160 - spoj pod kutem (30°).....       | 255.01.06    |
| 2-2     | Fok 120/160 - spoj sa zidom.....              | 255.01.07/08 |
| 3-3     | Fok 120/160 - horizontalni presjek.....       | 255.01.09    |
| 4-4     | Spoj zimskog vrta i Termo 120 plus.....       | 255.01.10/13 |
| 5-5     | Termo 120 plus - spoj dva krila.....          | 255.01.14    |
| 6-6     | Spoj zida i vrata Termo 65 VS.....            | 255.01.15    |
| 7-7     | Spoj zimskog vrta i vrata Termo 65 VS.....    | 255.01.16    |
| 8-8     | Pomoćna okomica - srednji presjek.....        | 255.01.17    |
| 9-9     | Pomoćna okomica - spoj sa zidom.....          | 255.01.18    |
| 10-10   | Presjek kroz vodoravnicu.....                 | 255.01.19    |
| 11-11   | Presjek kroz okomicu - krov.....              | 255.01.20/21 |
| 12-12   | Krovni prozor - presjek kroz vodoravnicu..... | 255.01.22    |
| 13-13   | Krovni prozor - presjek kroz okomicu.....     | 255.01.25    |
| 14-14   | Spoj krova pod 90° - unutarnji kut.....       | 255.01.26    |
| 15-15   | Spoj pod 90° - unutarnji kut.....             | 255.01.27    |
| 16-16   | Spoj krova pod 90° - vanjski kut.....         | 255.01.31    |
| 17-17   | Spoj pod 90° - vanjski kut.....               | 255.01.32    |

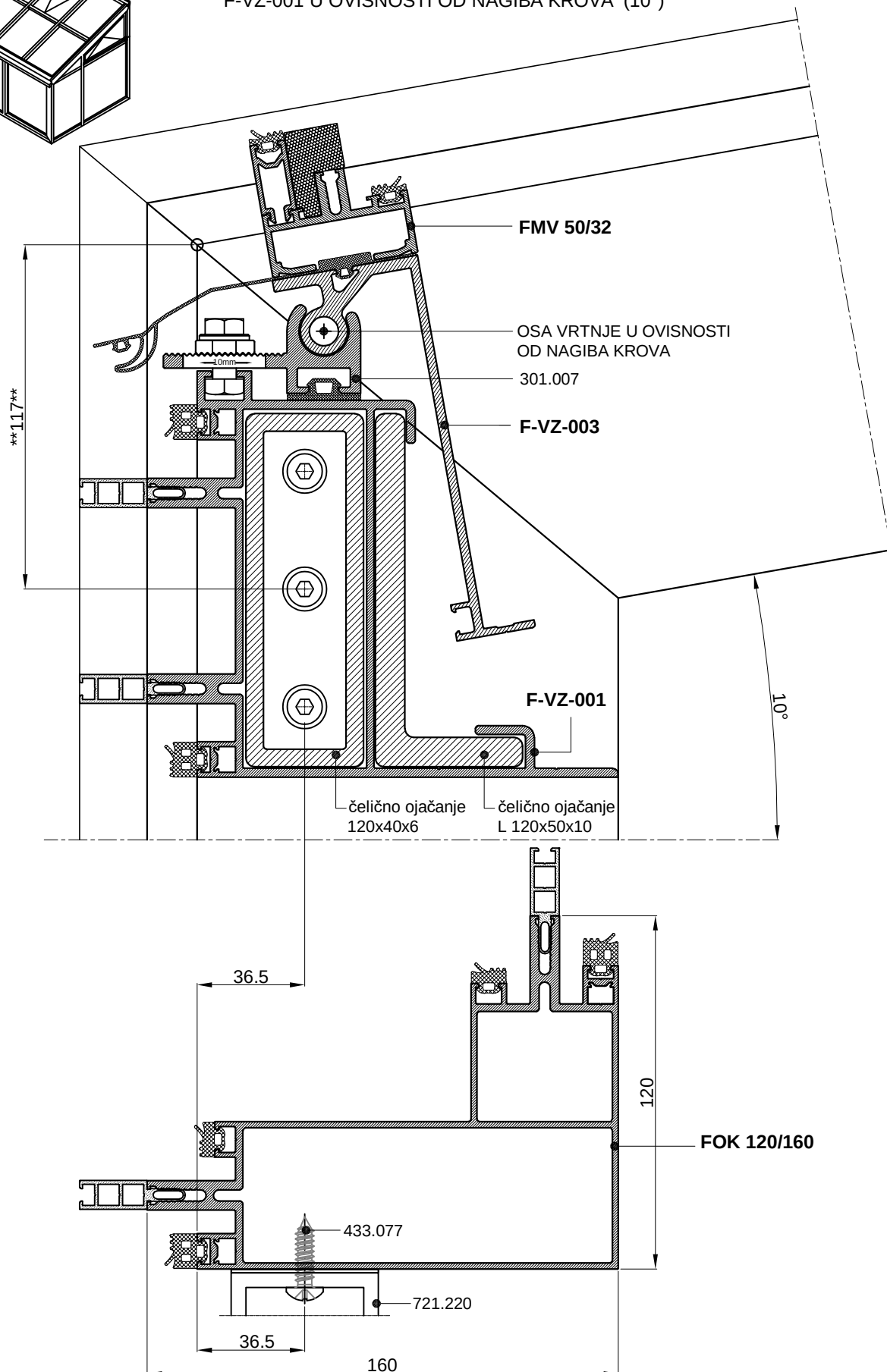


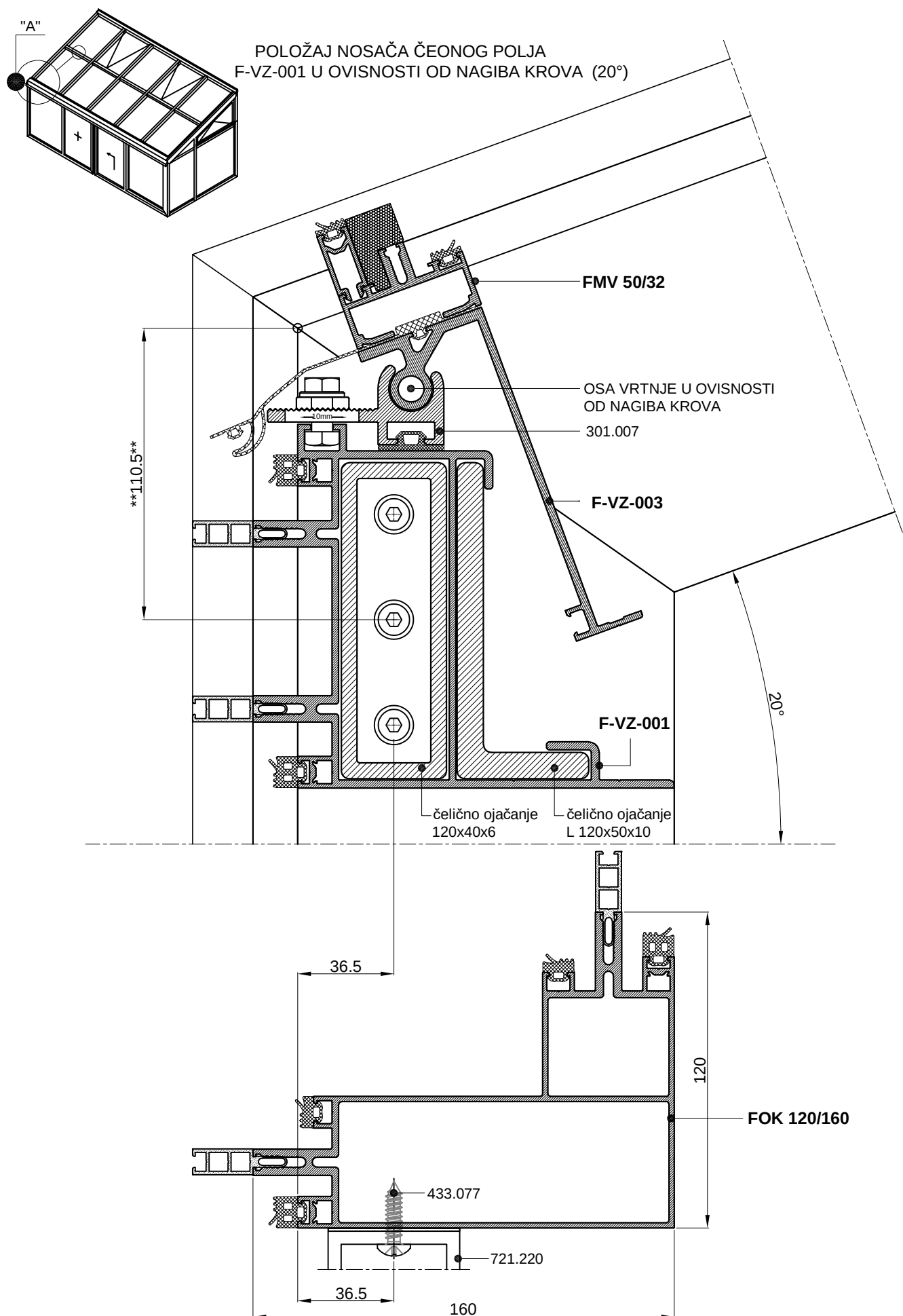
XPS-ispuna

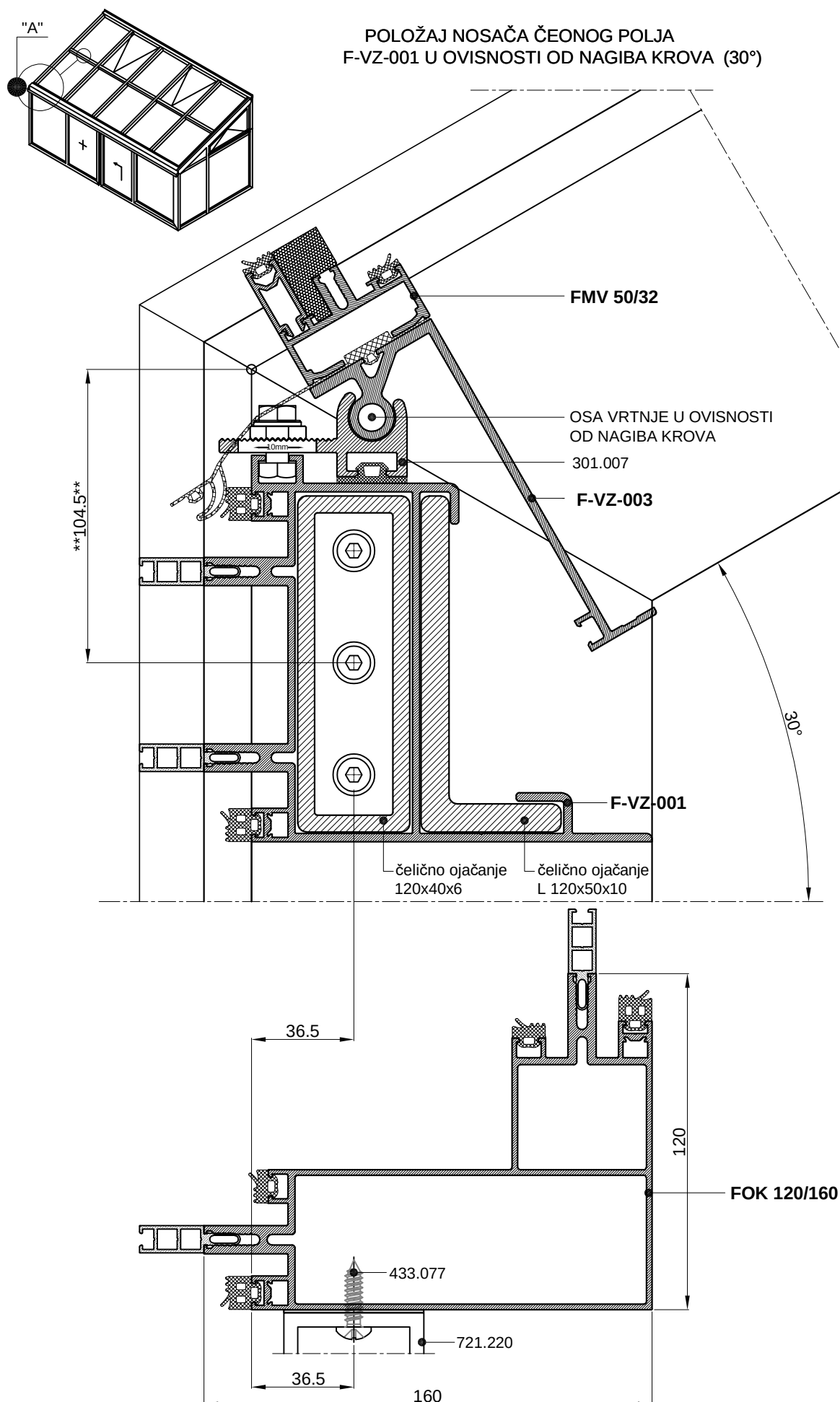




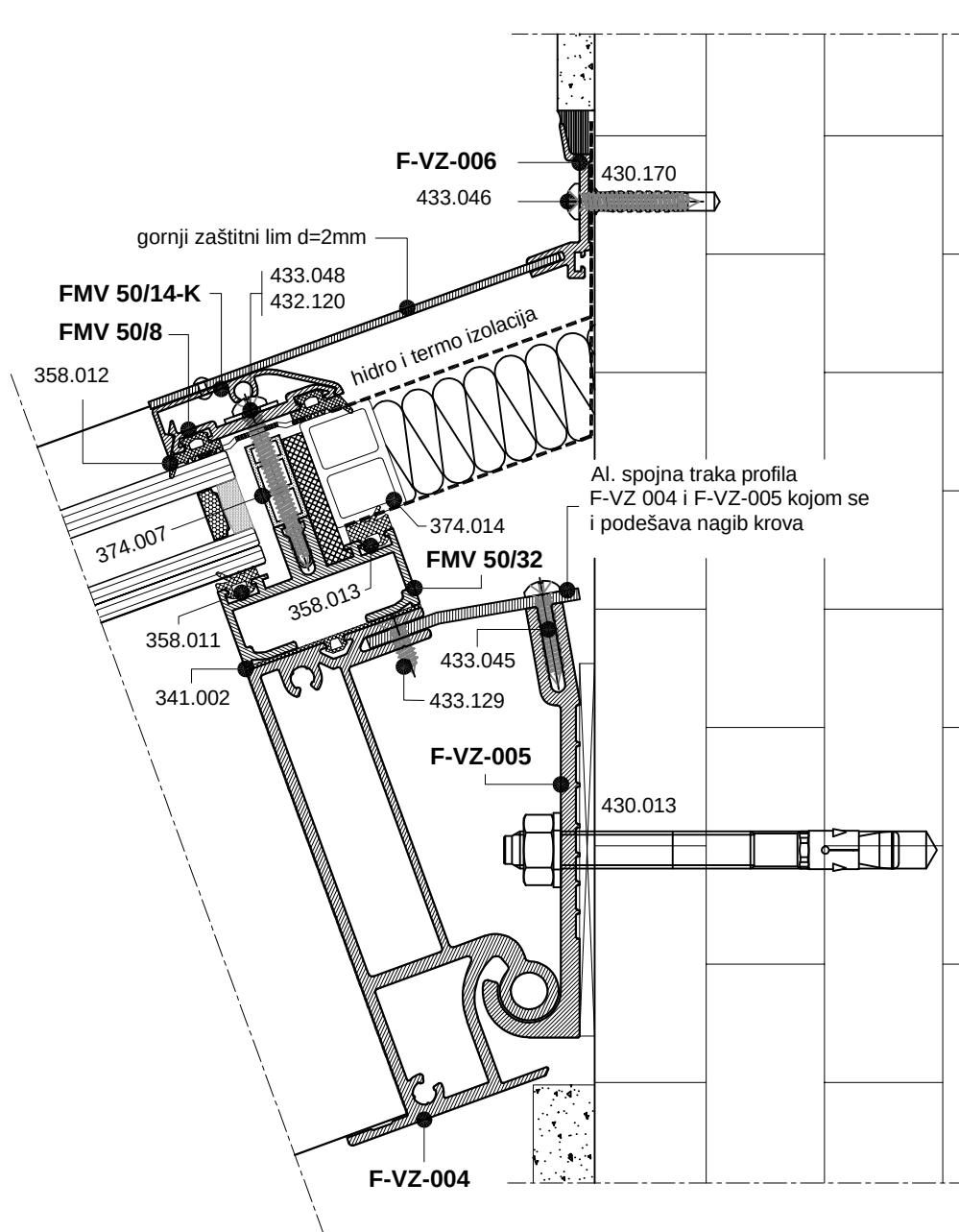
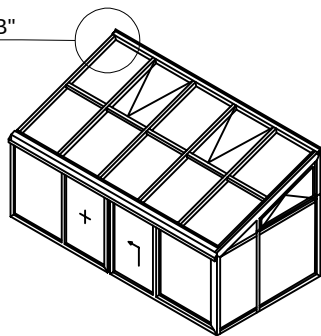
POLOŽAJ NOSAČA ČEONOG POLJA  
F-VZ-001 U OVISNOSTI OD NAGIBA KROVA (10°)



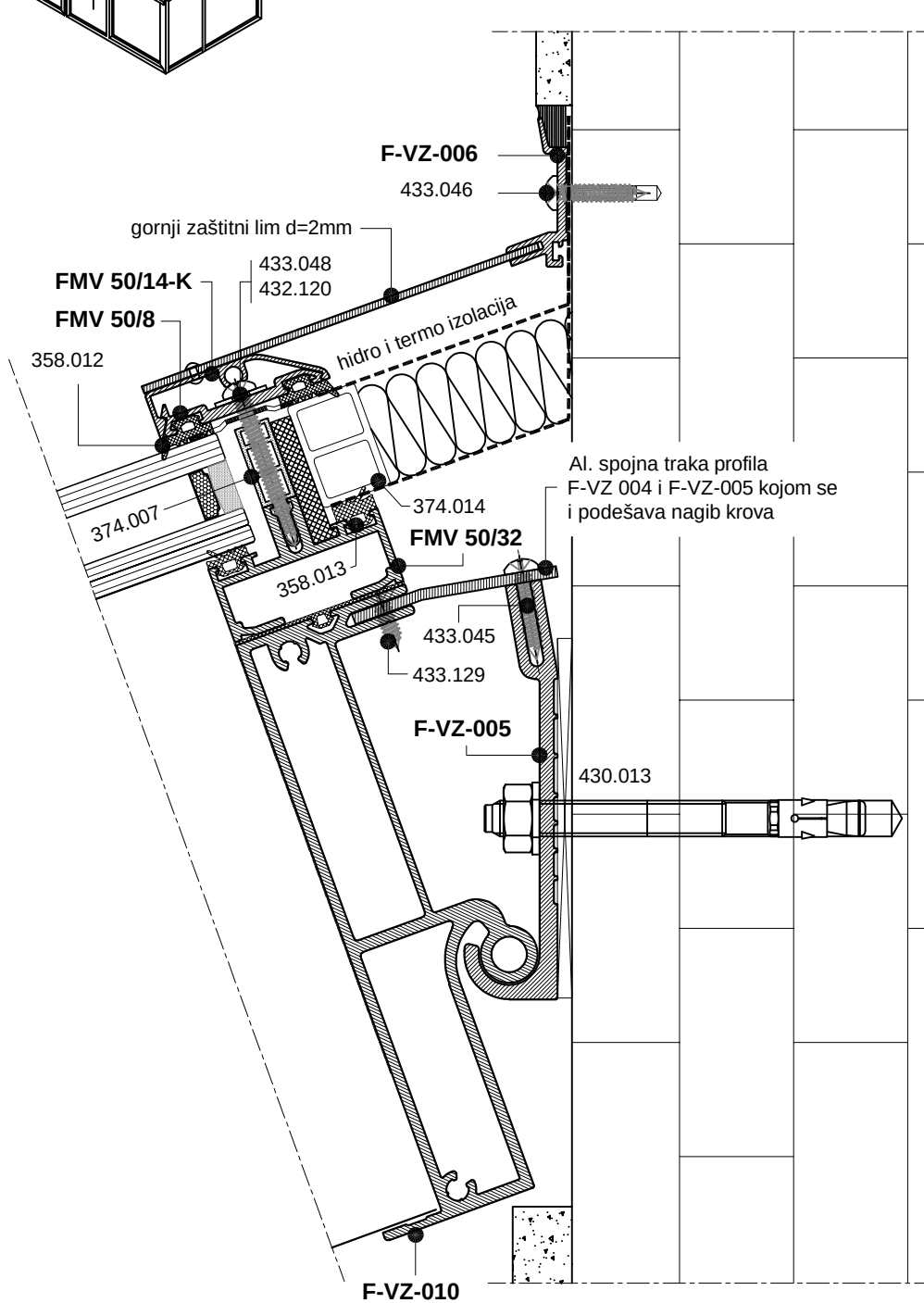
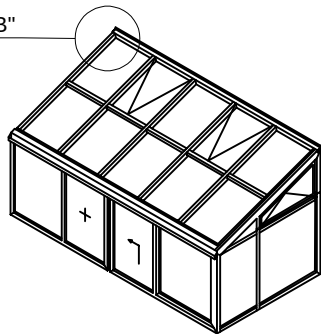




"B"



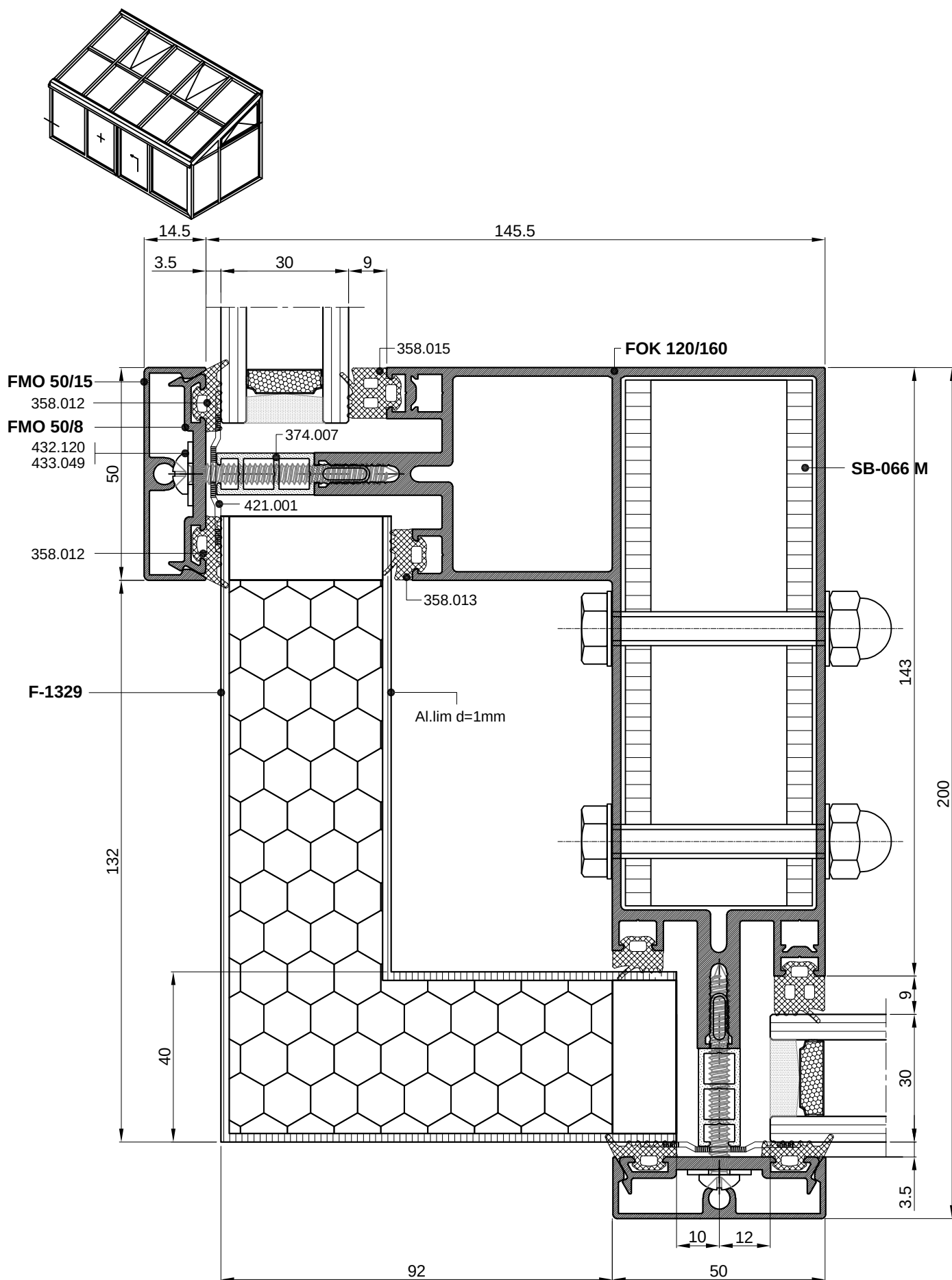
"B"

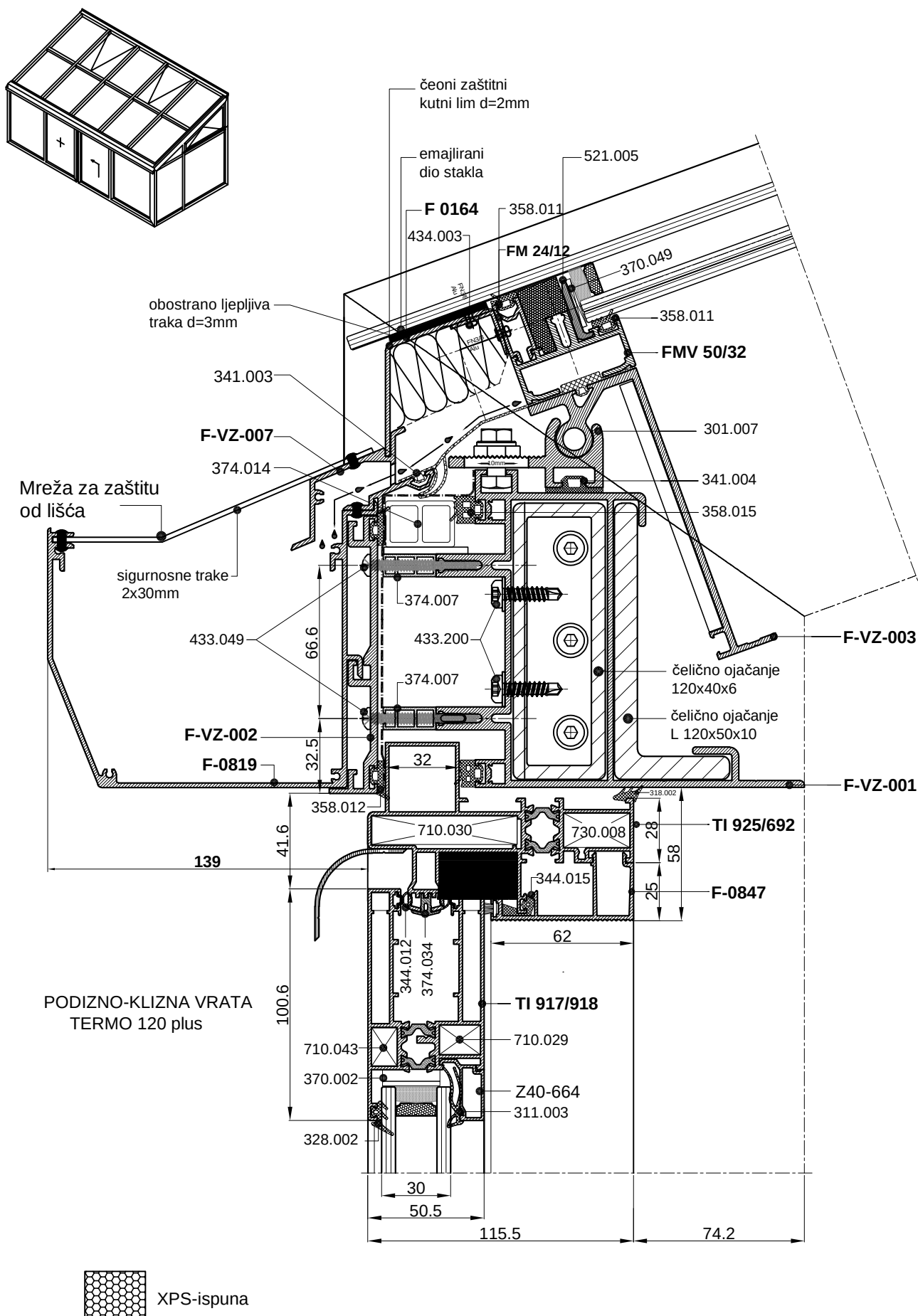


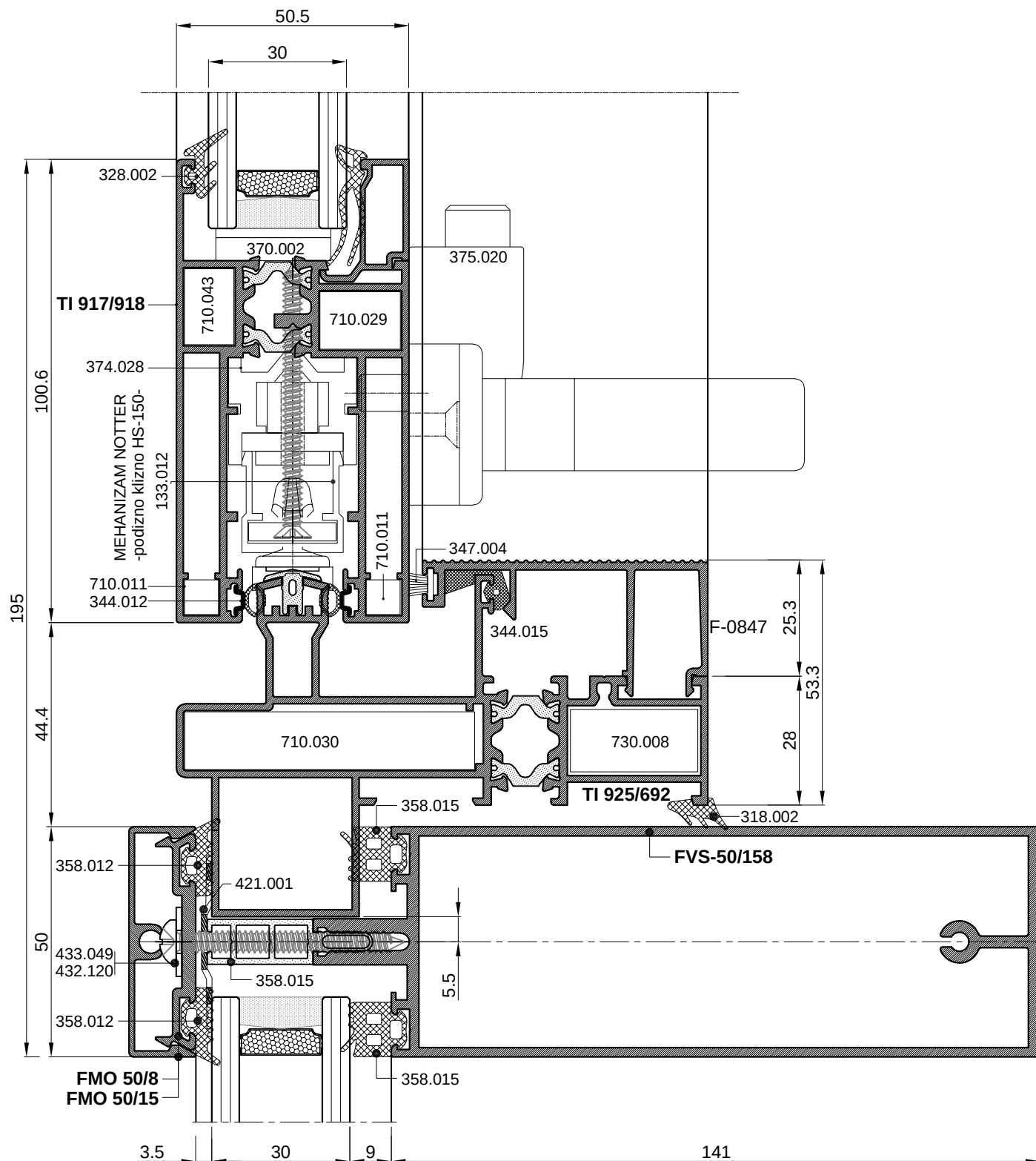
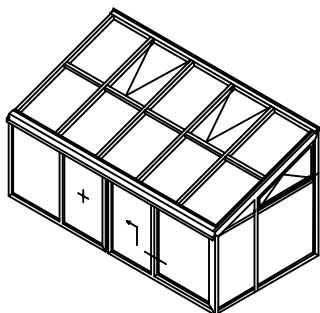
Gornji držač za okomicu FMO 50/200

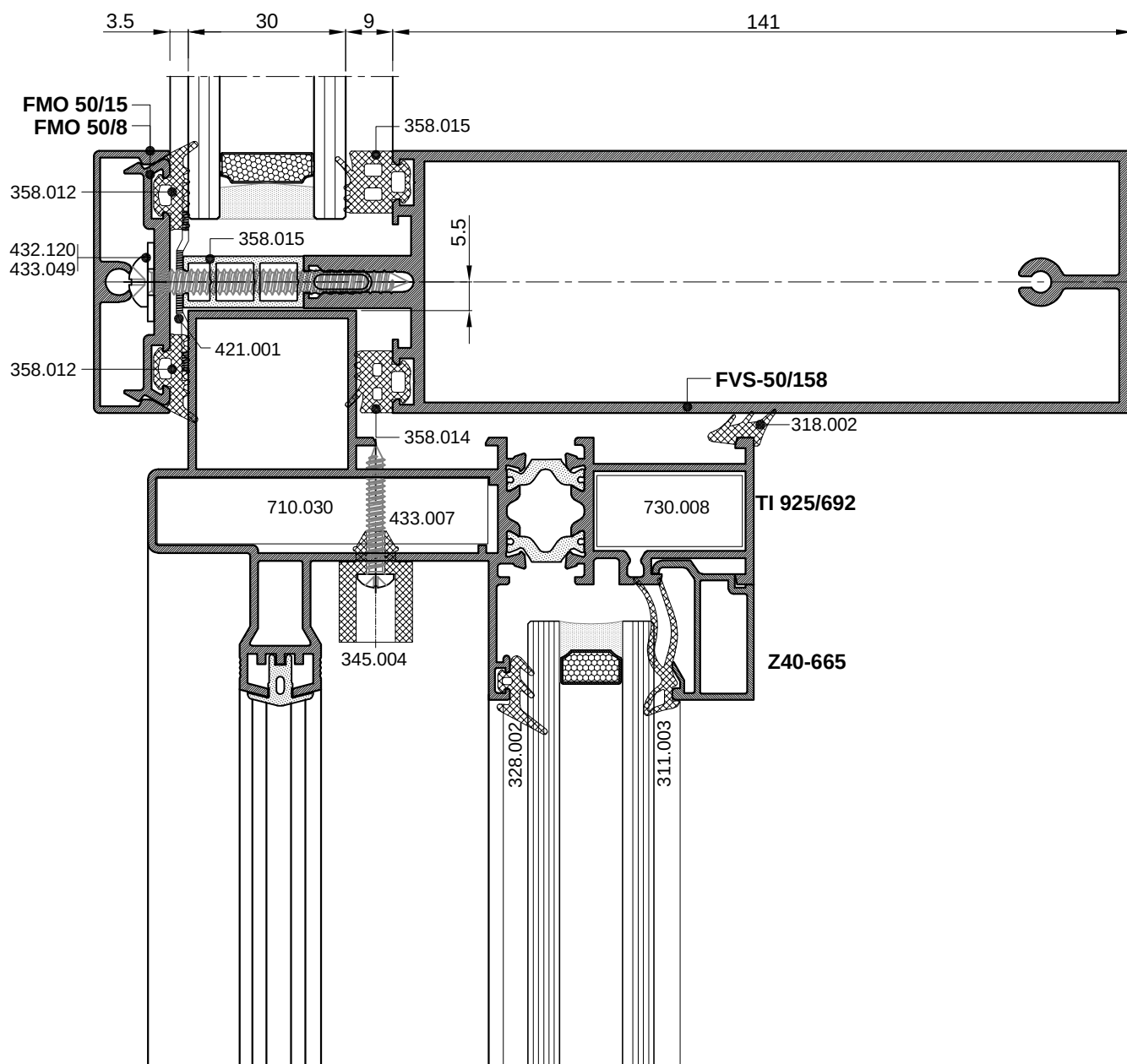
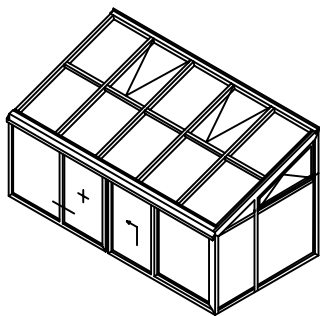
Minimalni kut - 18 °

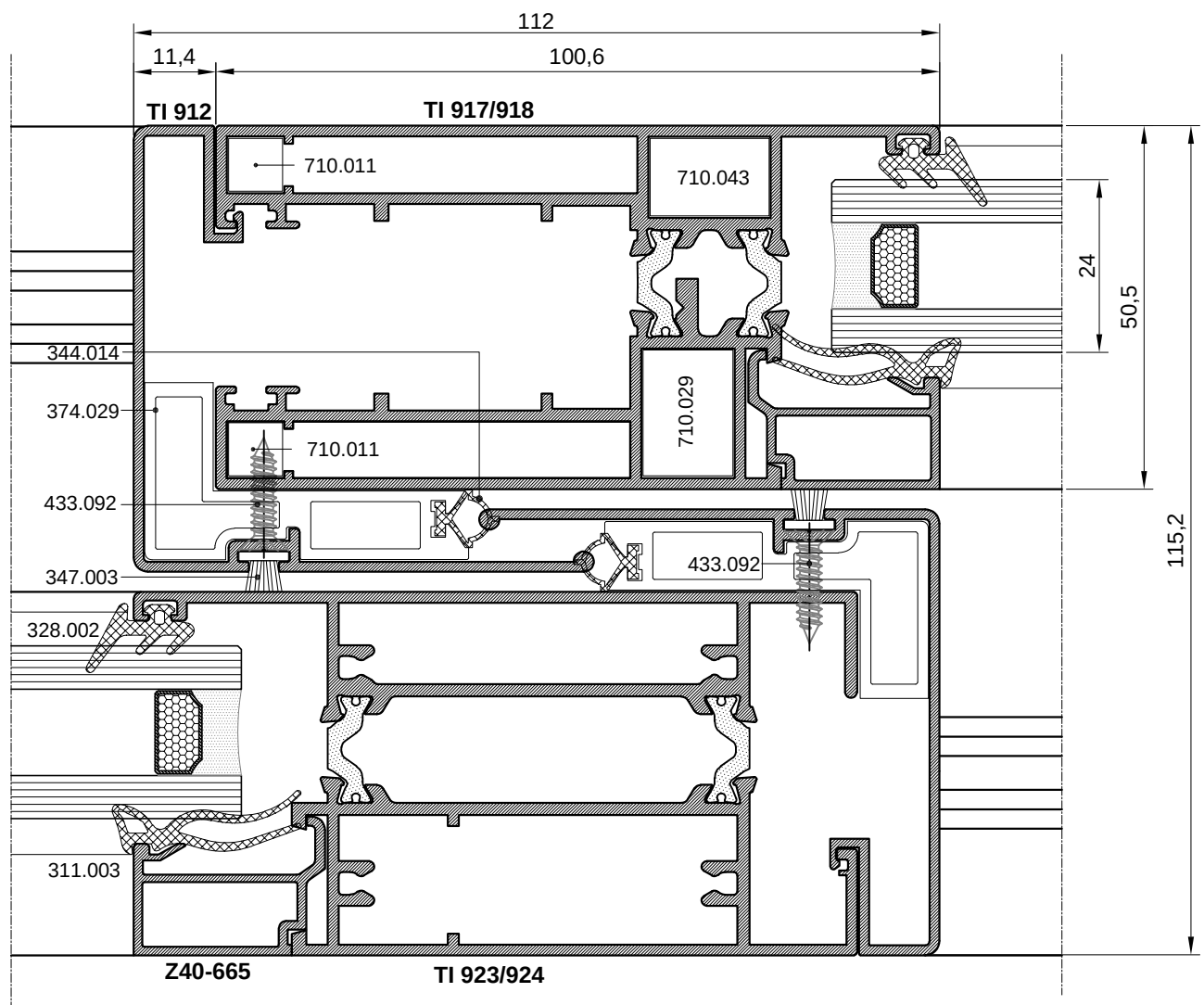
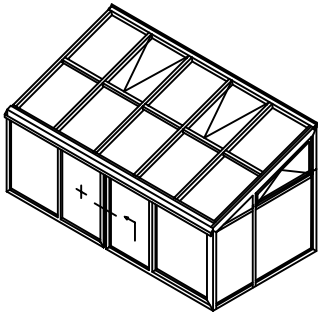
Maksimalni kut - 30°

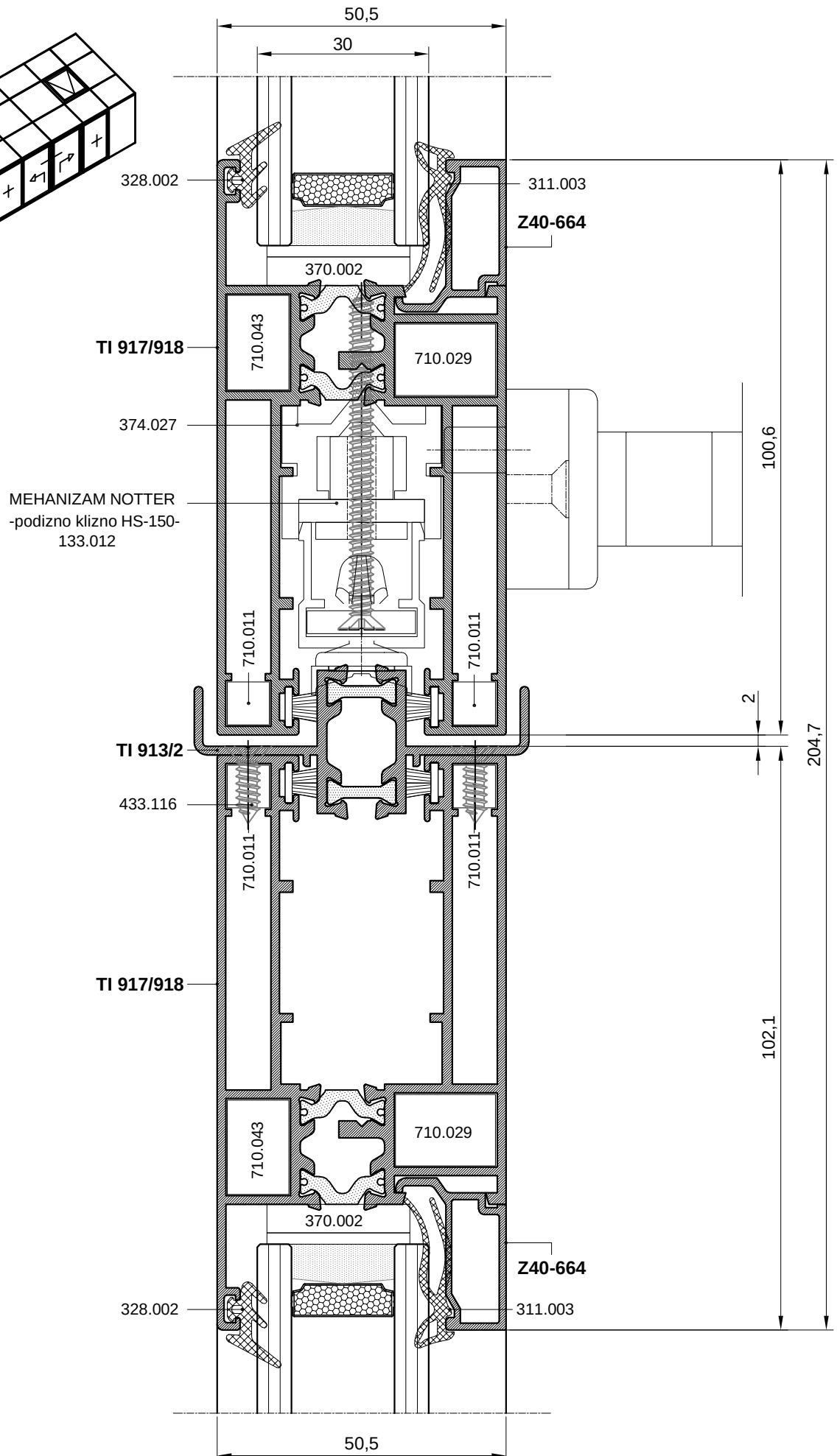
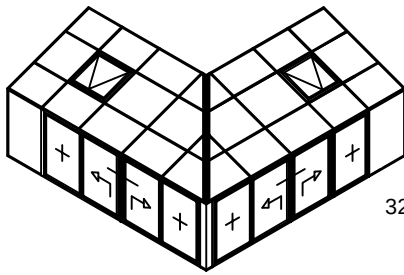


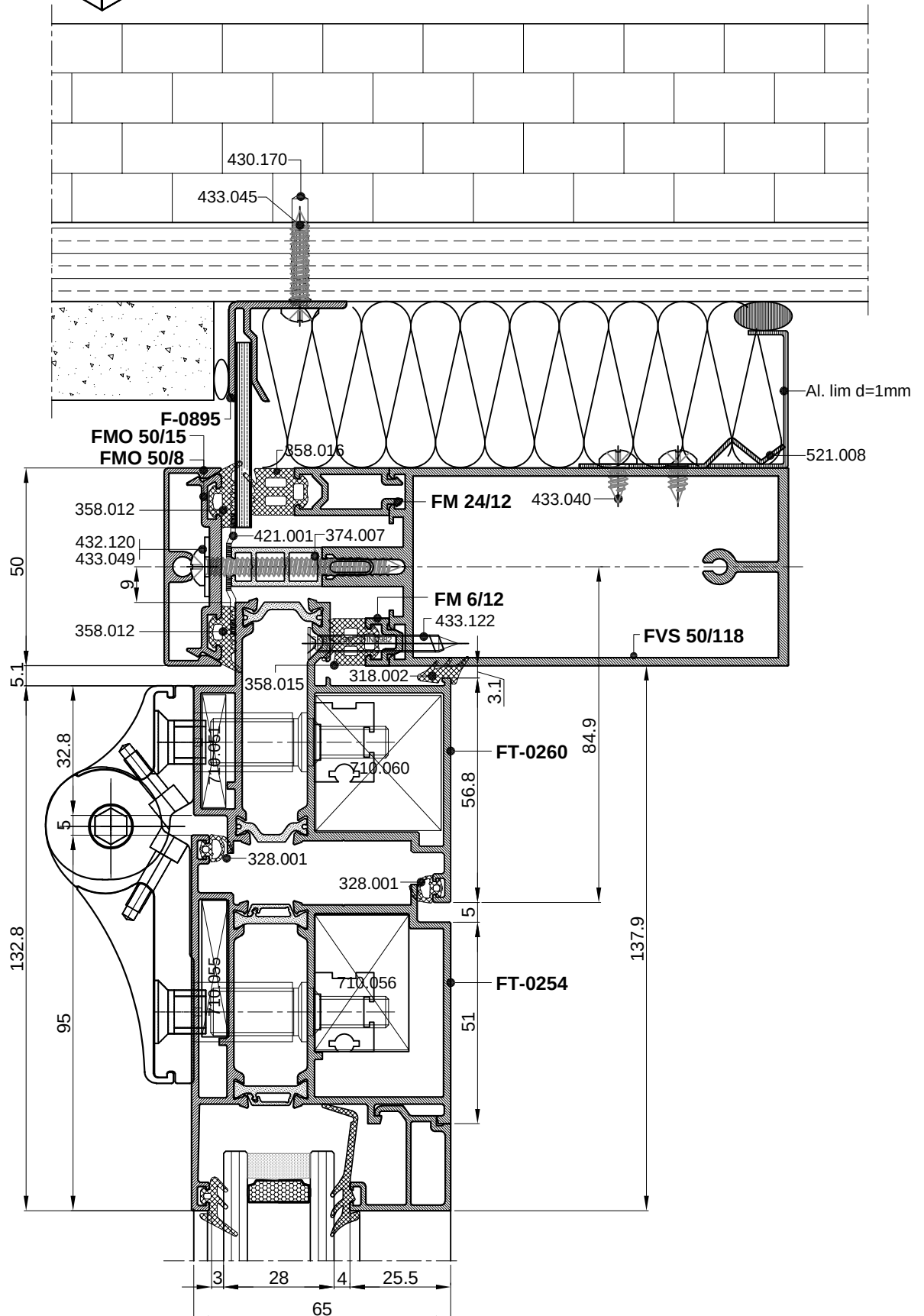
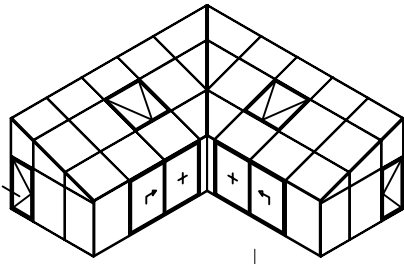


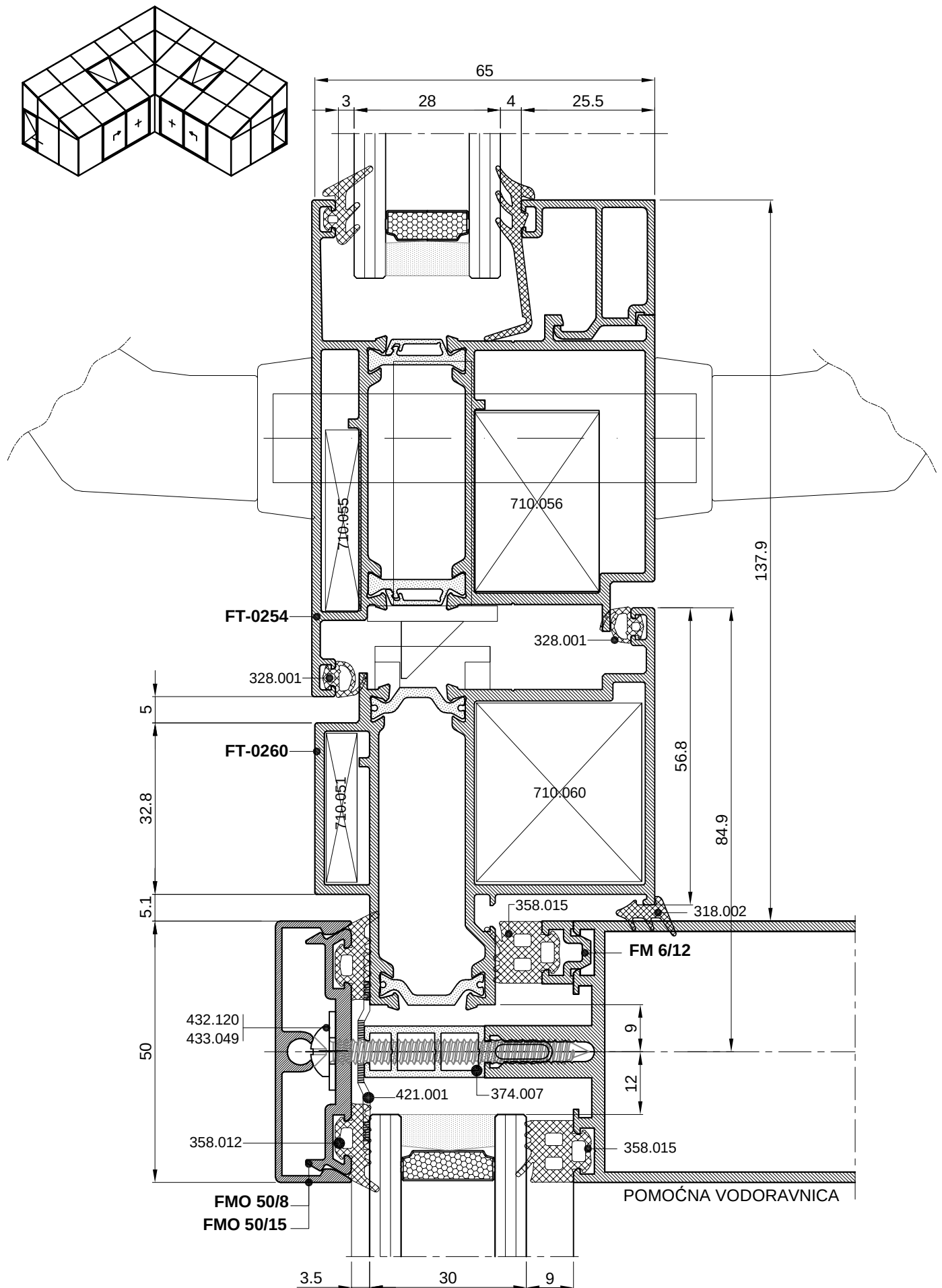


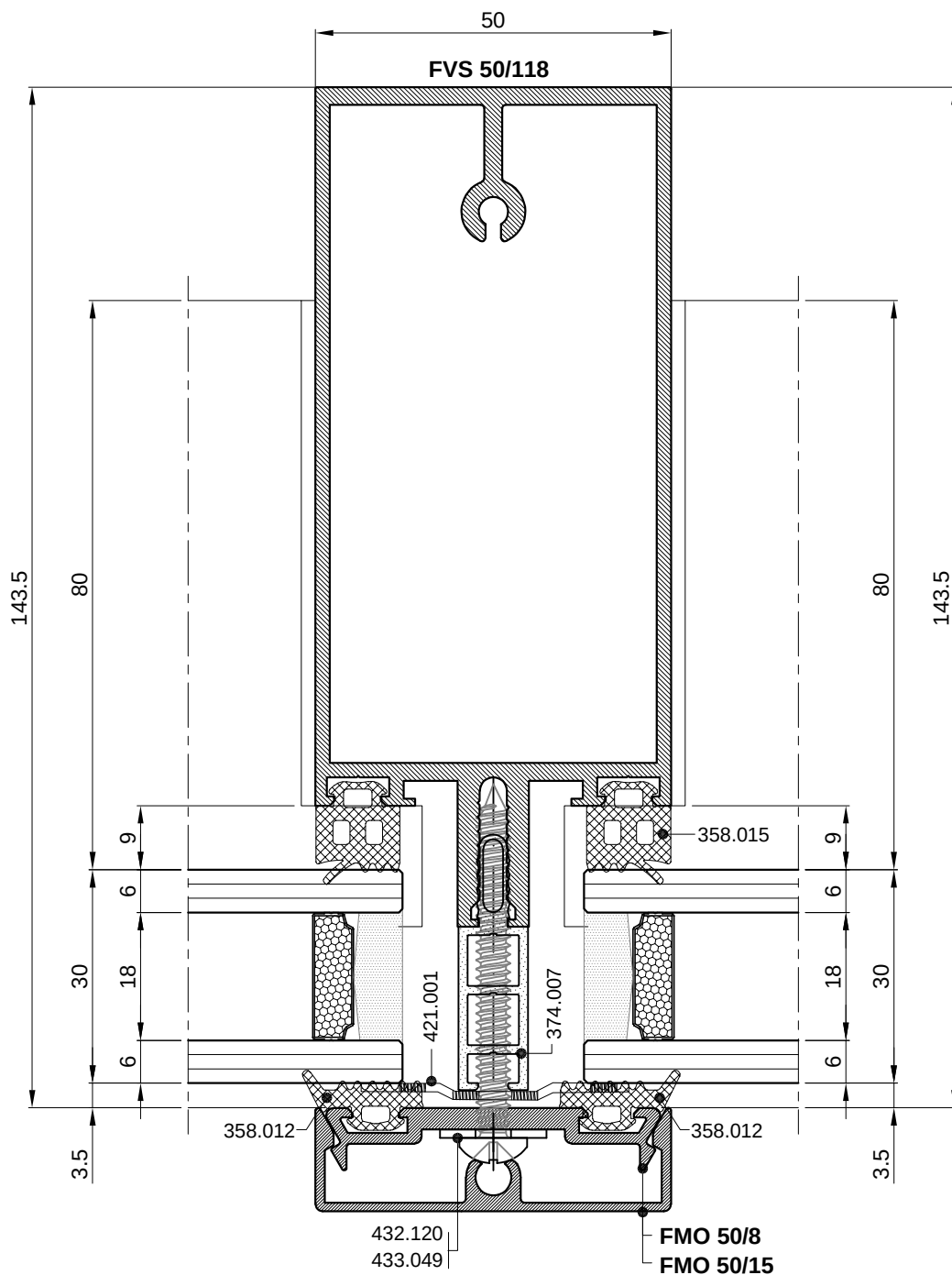
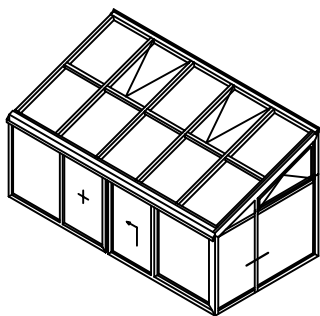


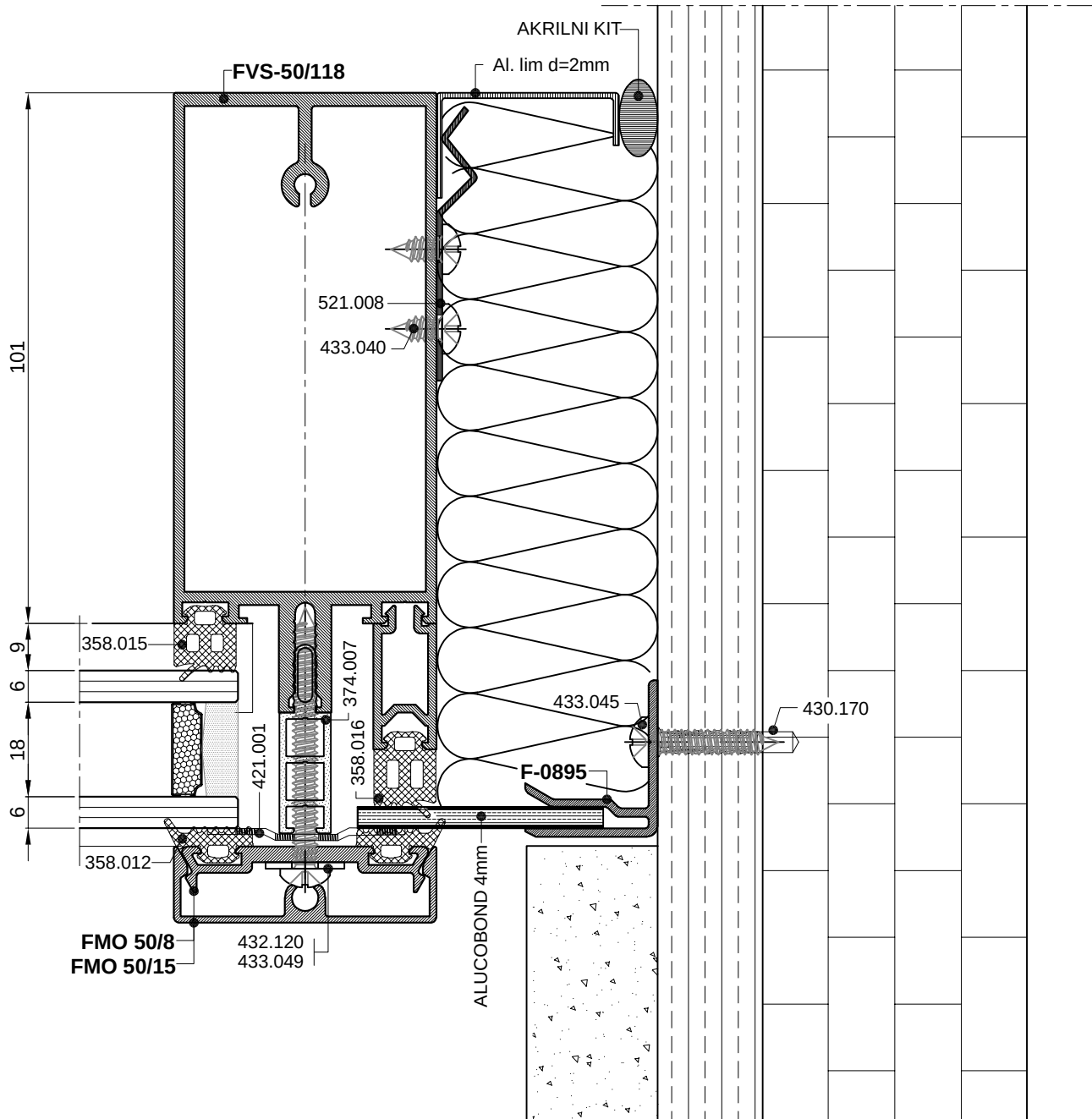
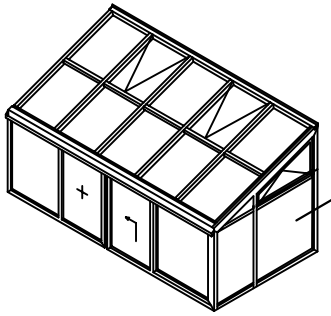


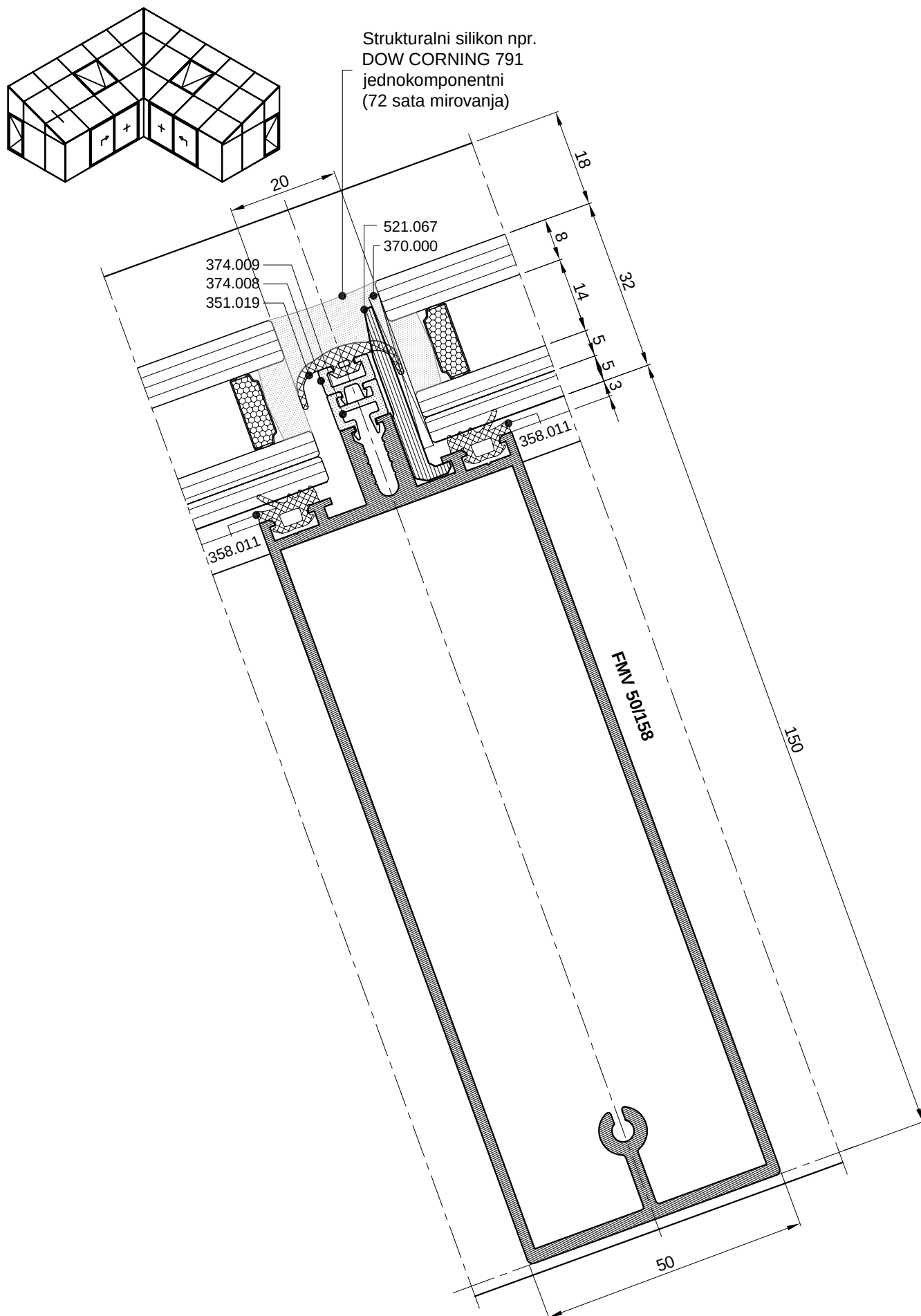


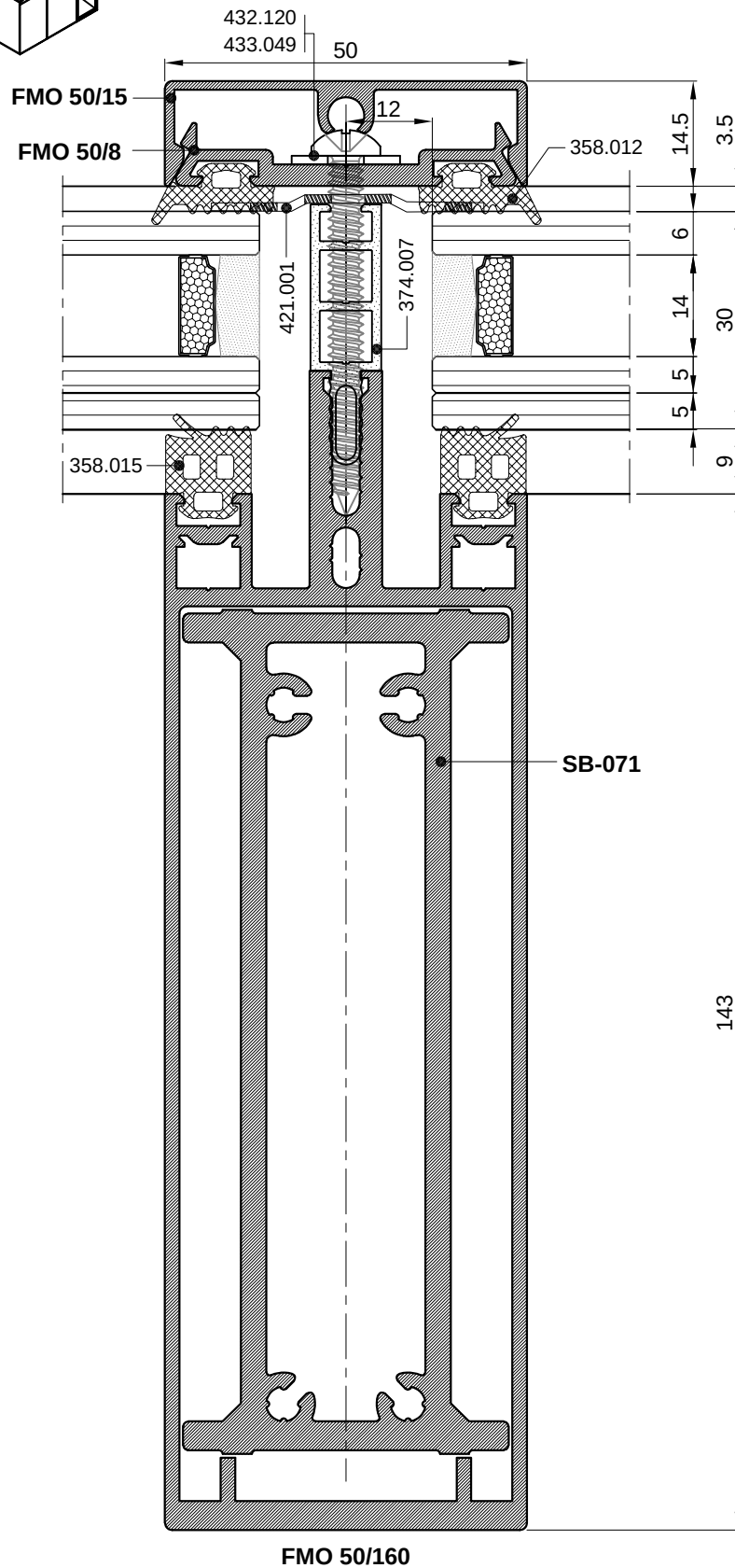
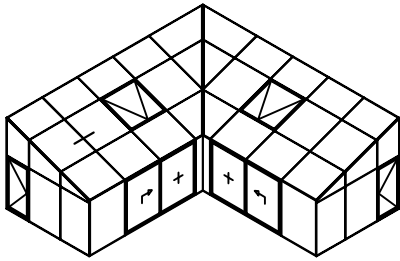


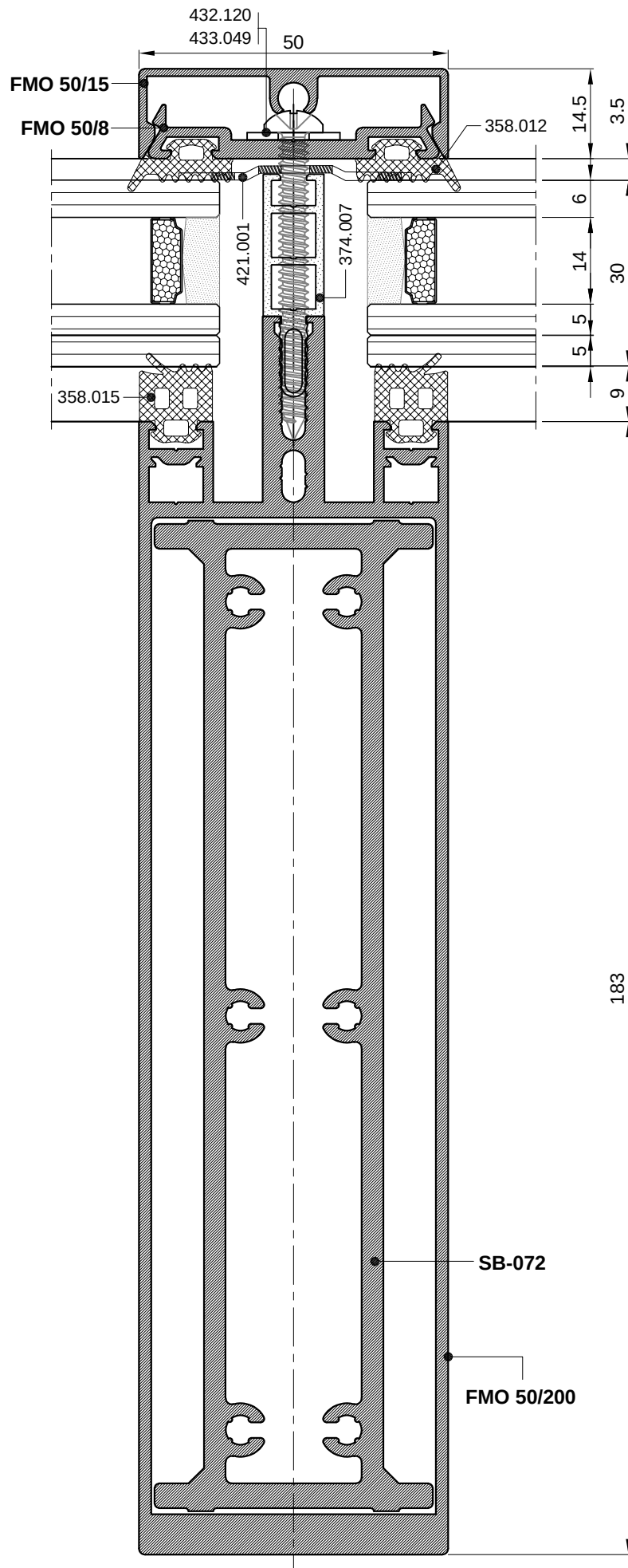
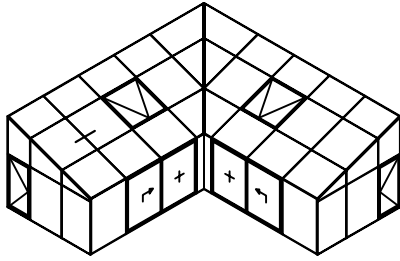




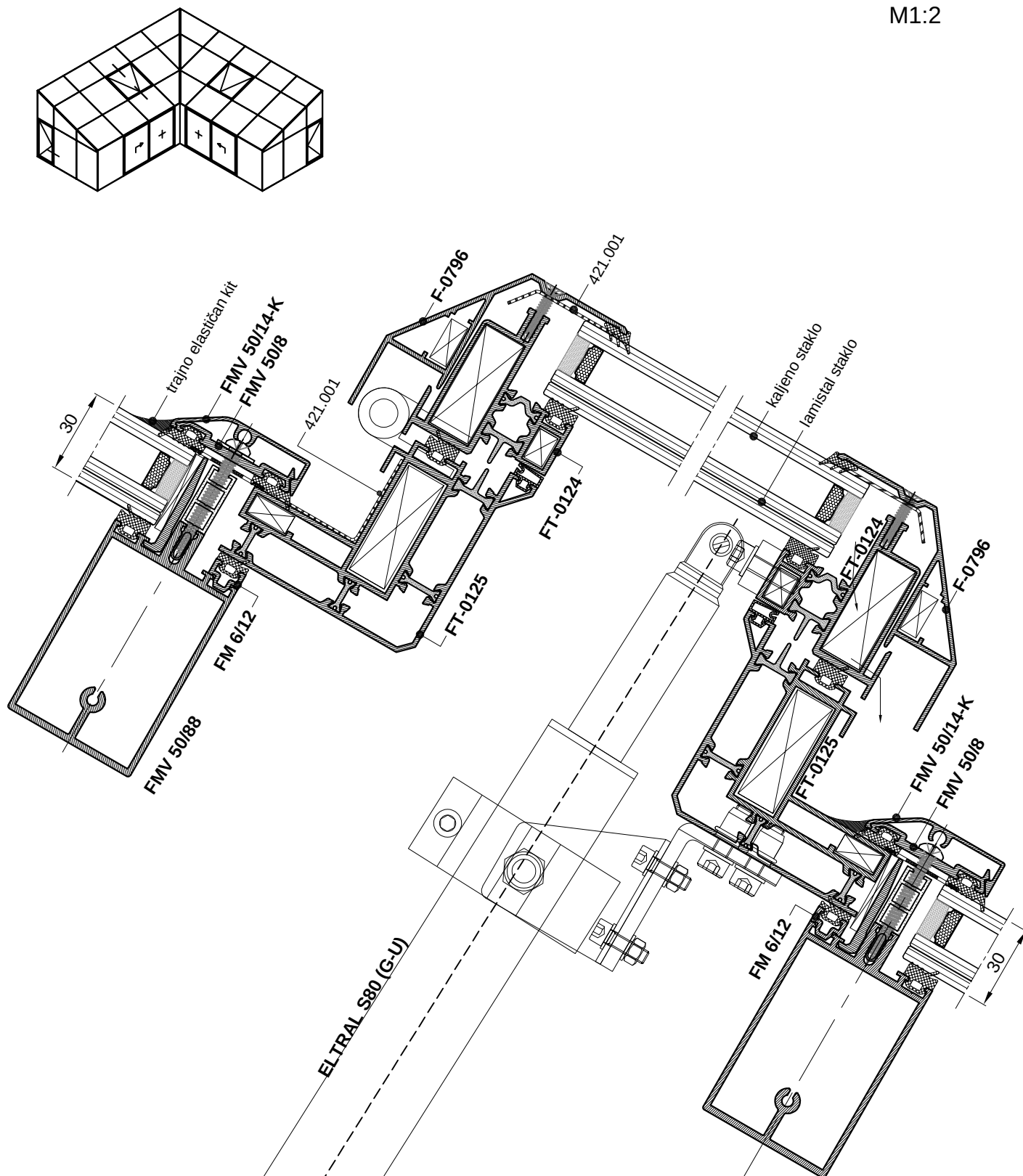






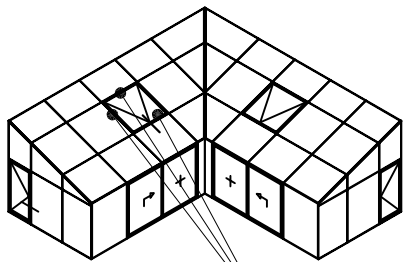


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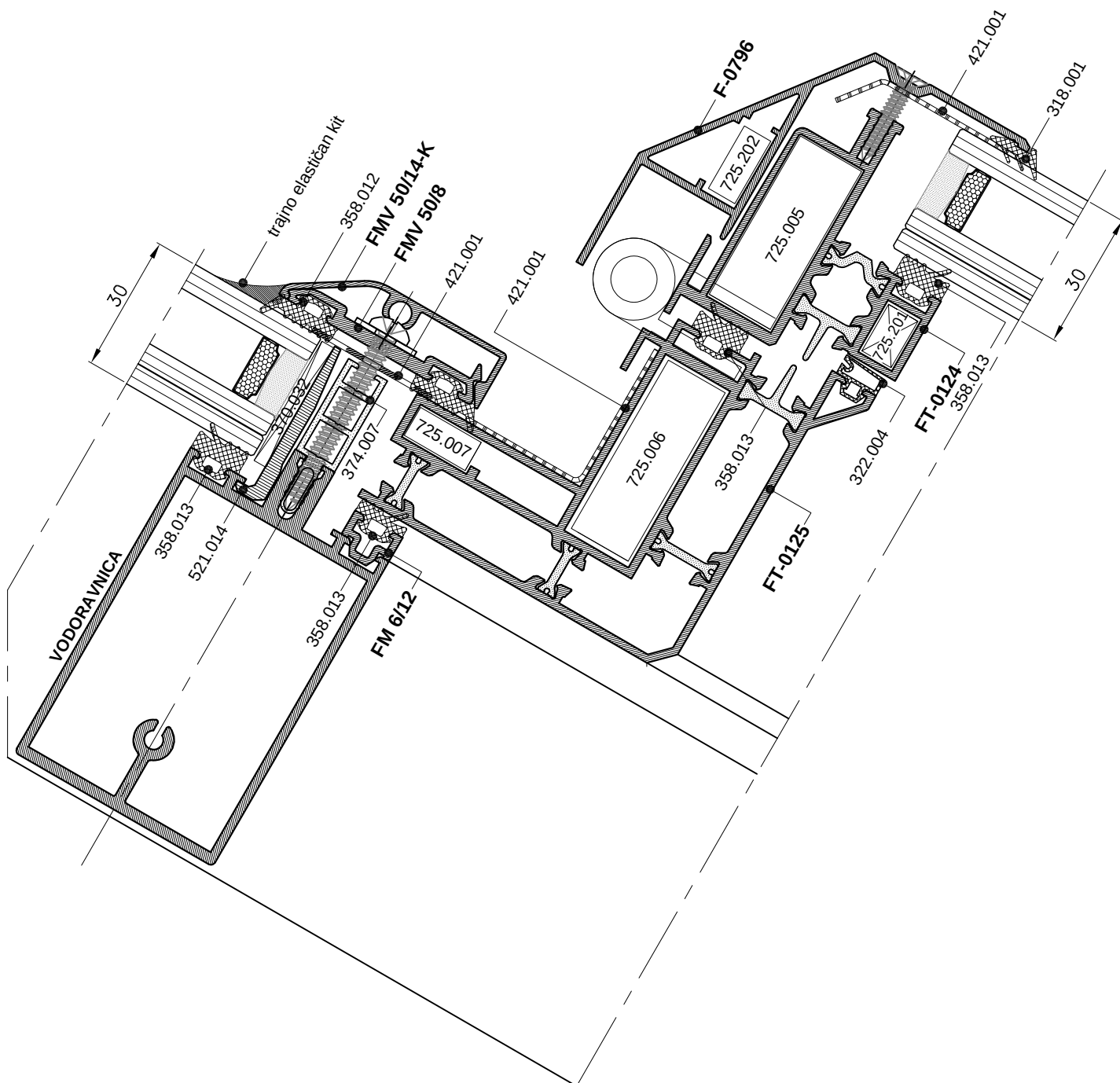

**PAŽNJA**

PRI SKLAPANJU KRILA I RAMA , NA SPOJEVIMA PROFILA I KUTNIKA SVE DODIRNE POVRŠINE (PROFIL-PROFIL KAO I PROFIL-KUTNIK) OBAVEZNO LIJEPITI I ZAPUNITI DVOKOMPONENTNIM KITOM ZBOG POVEĆANJA ČVRSTOĆE I ZAPTIVENOSTI SPOJA.

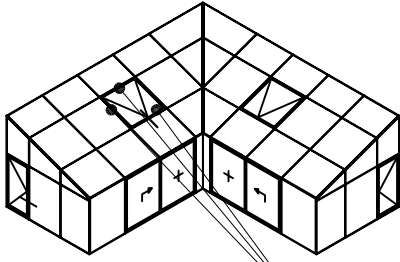
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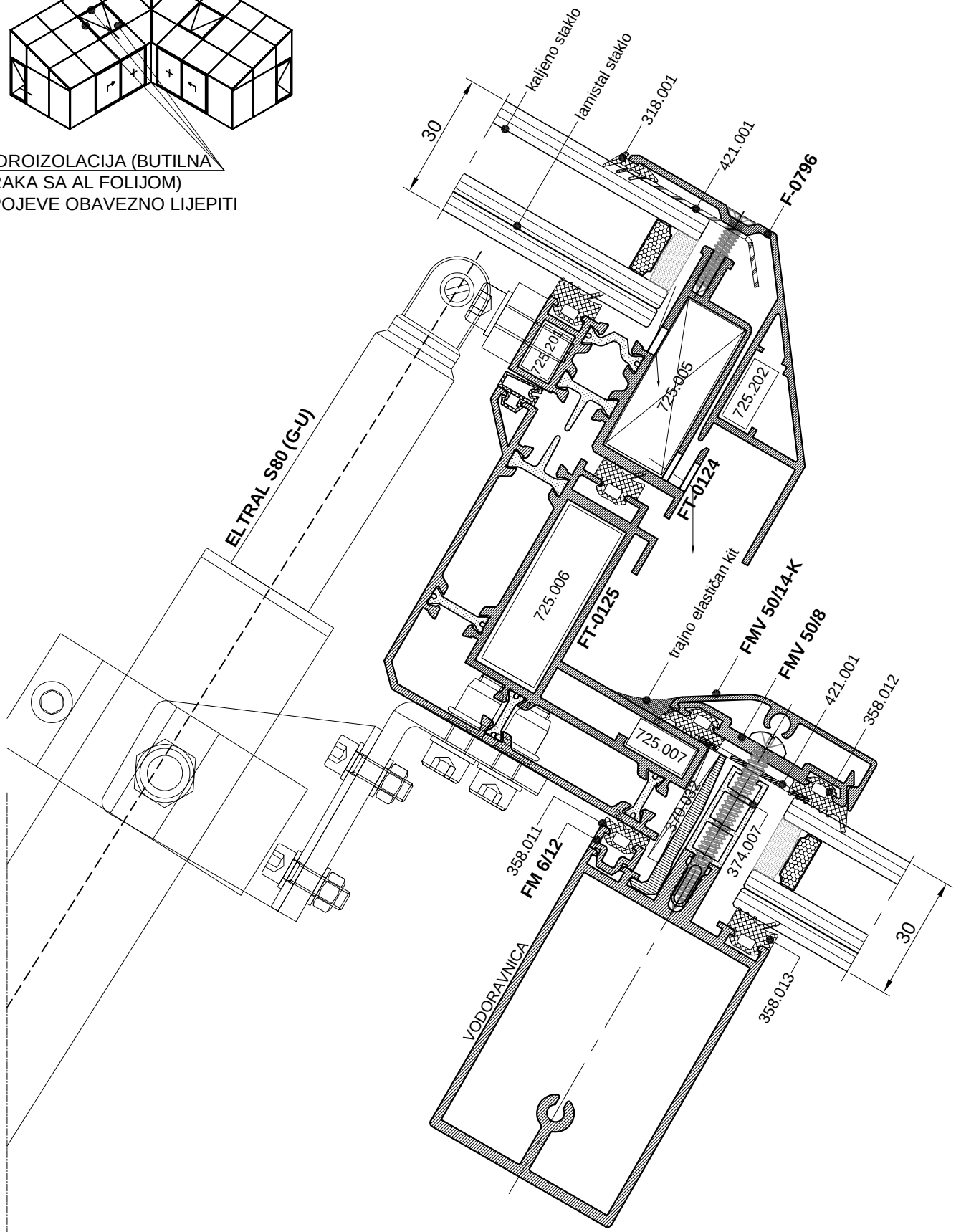
HIDROIZOLACIJA (BUTILNA TRAKA SA AL FOLIJOM)  
SPOJEVE OBAVEZNO LIJEPITI

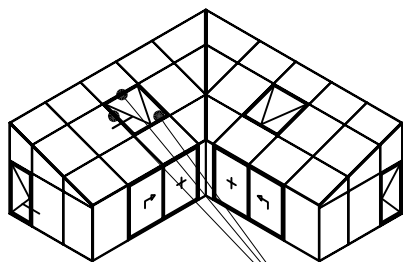


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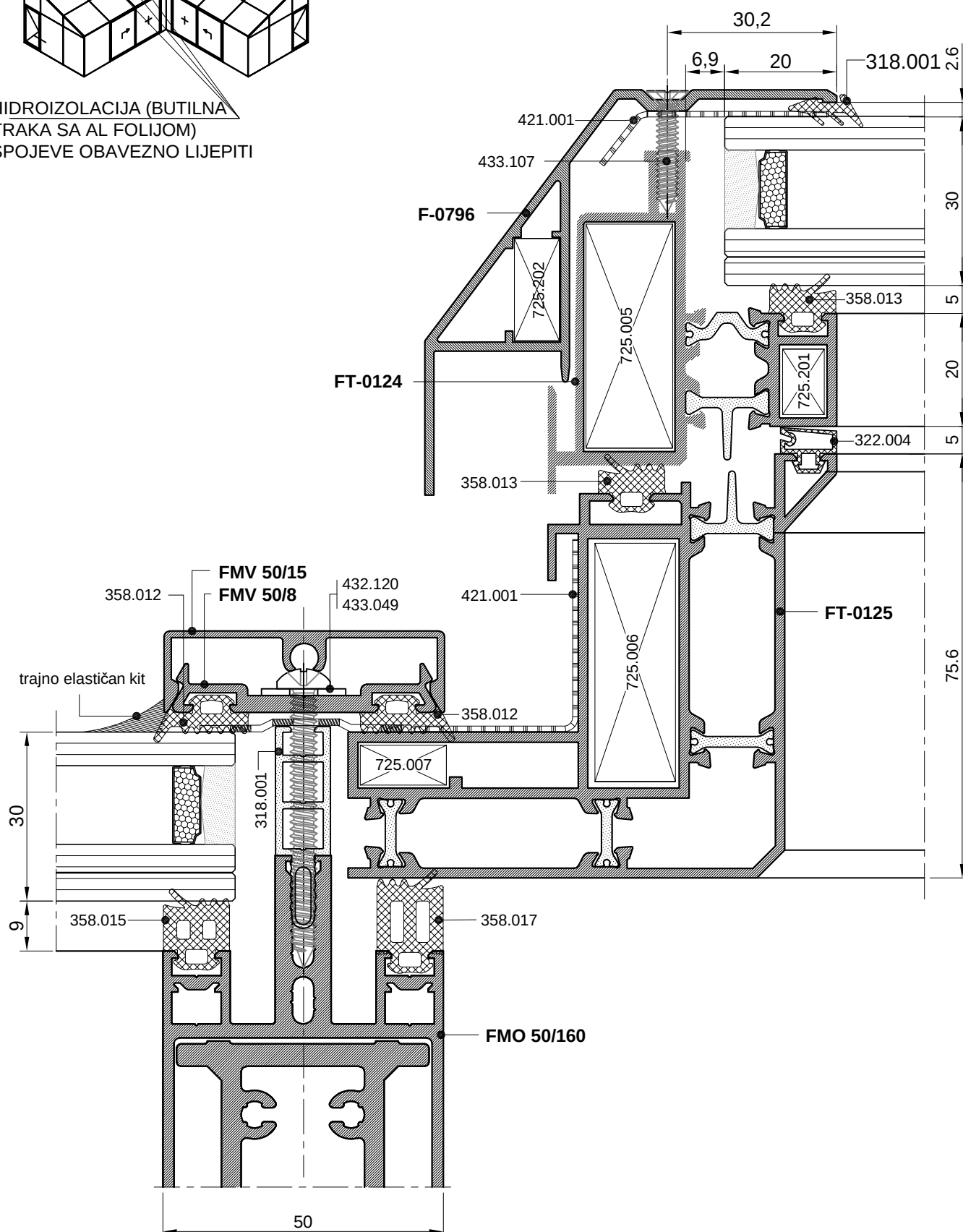


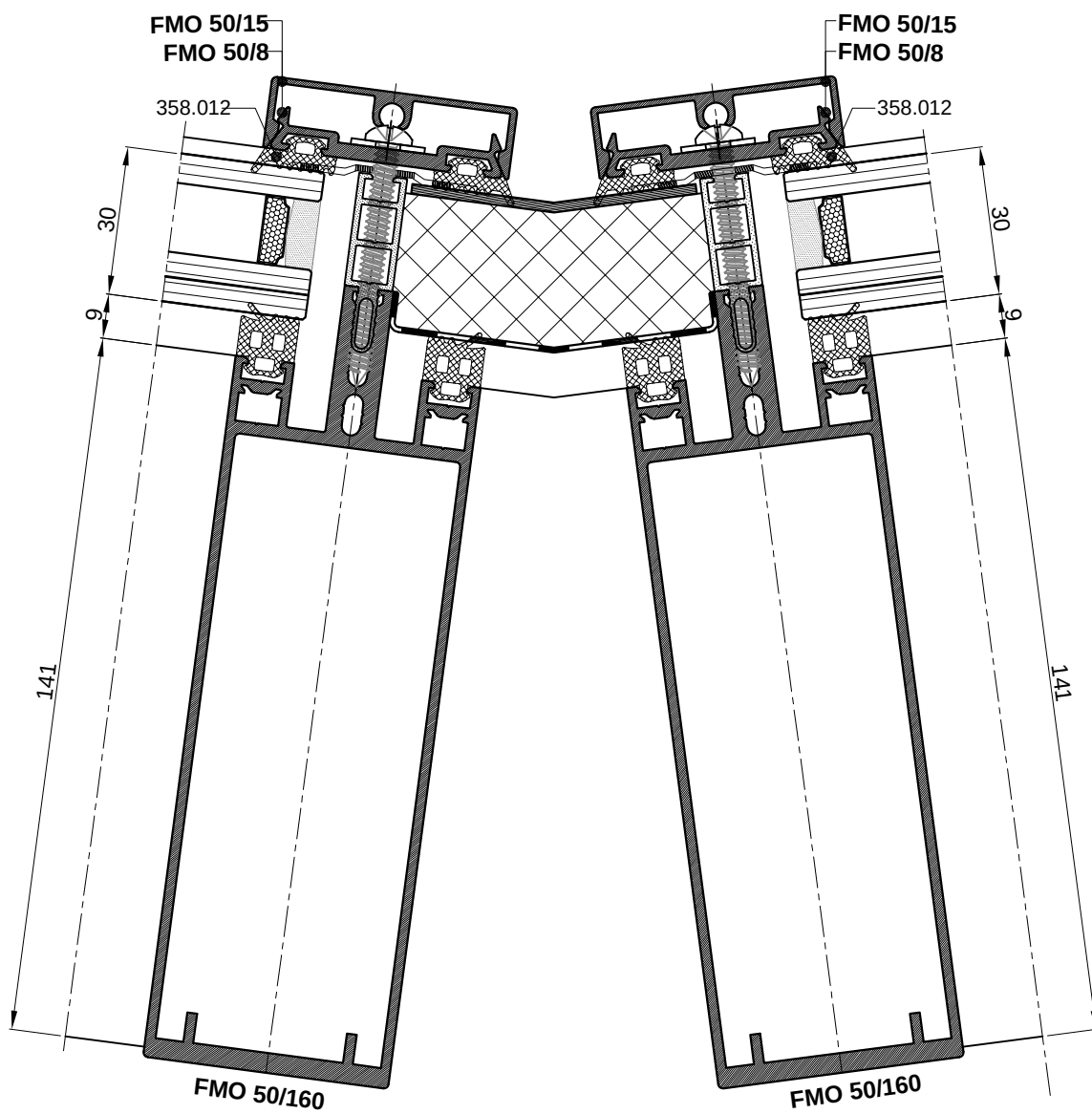
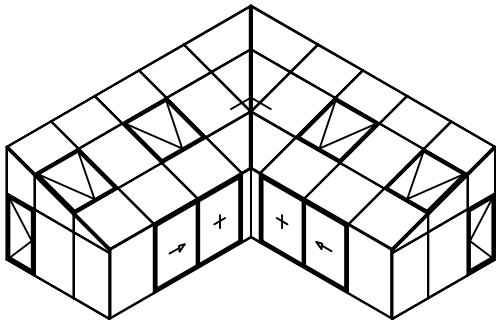
HIDROIZOLACIJA (BUTILNA  
TRAKA SA AL FOLIJOM)  
SPOJEVE OBAVEZNO LIJEPITI

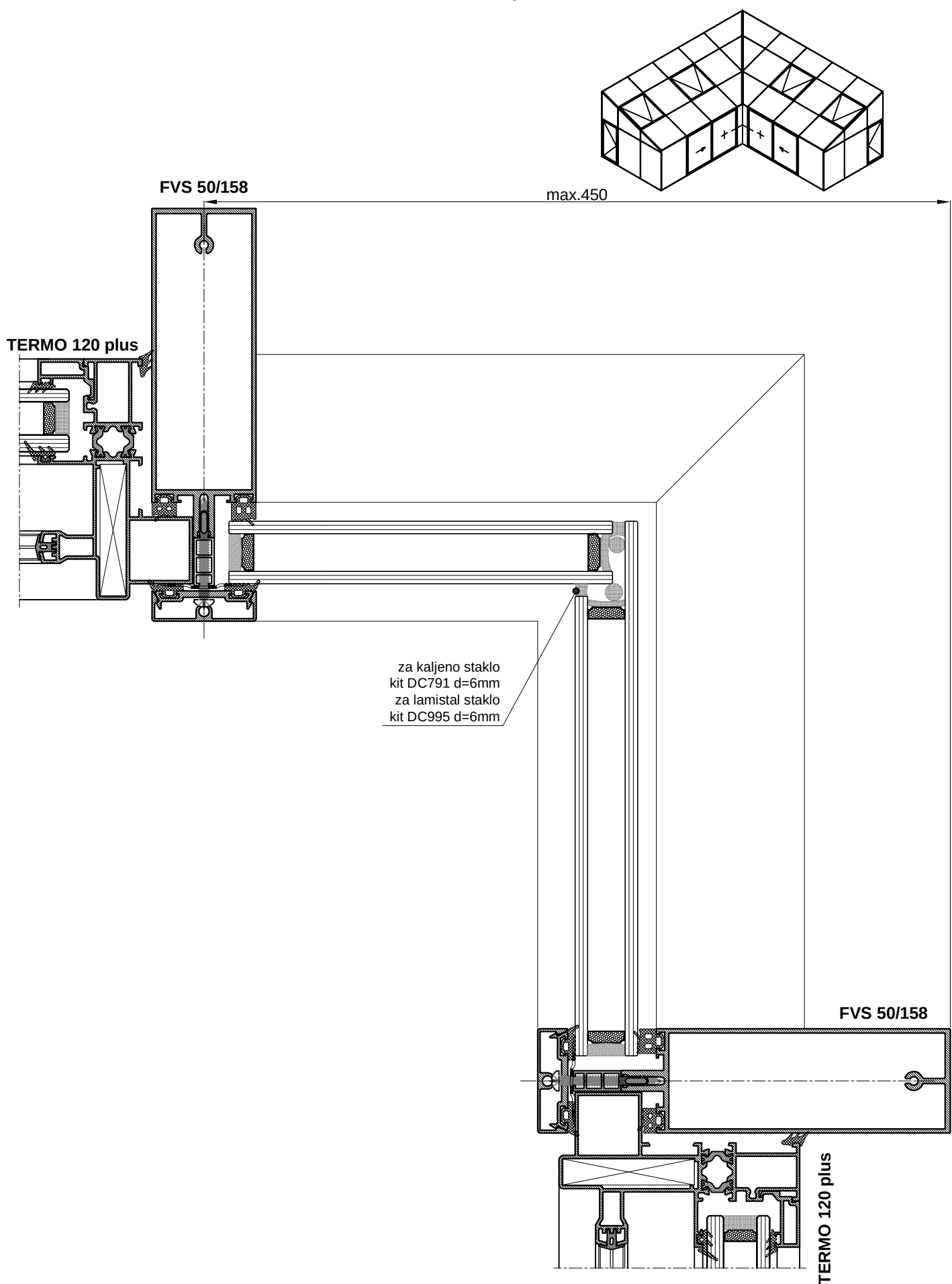


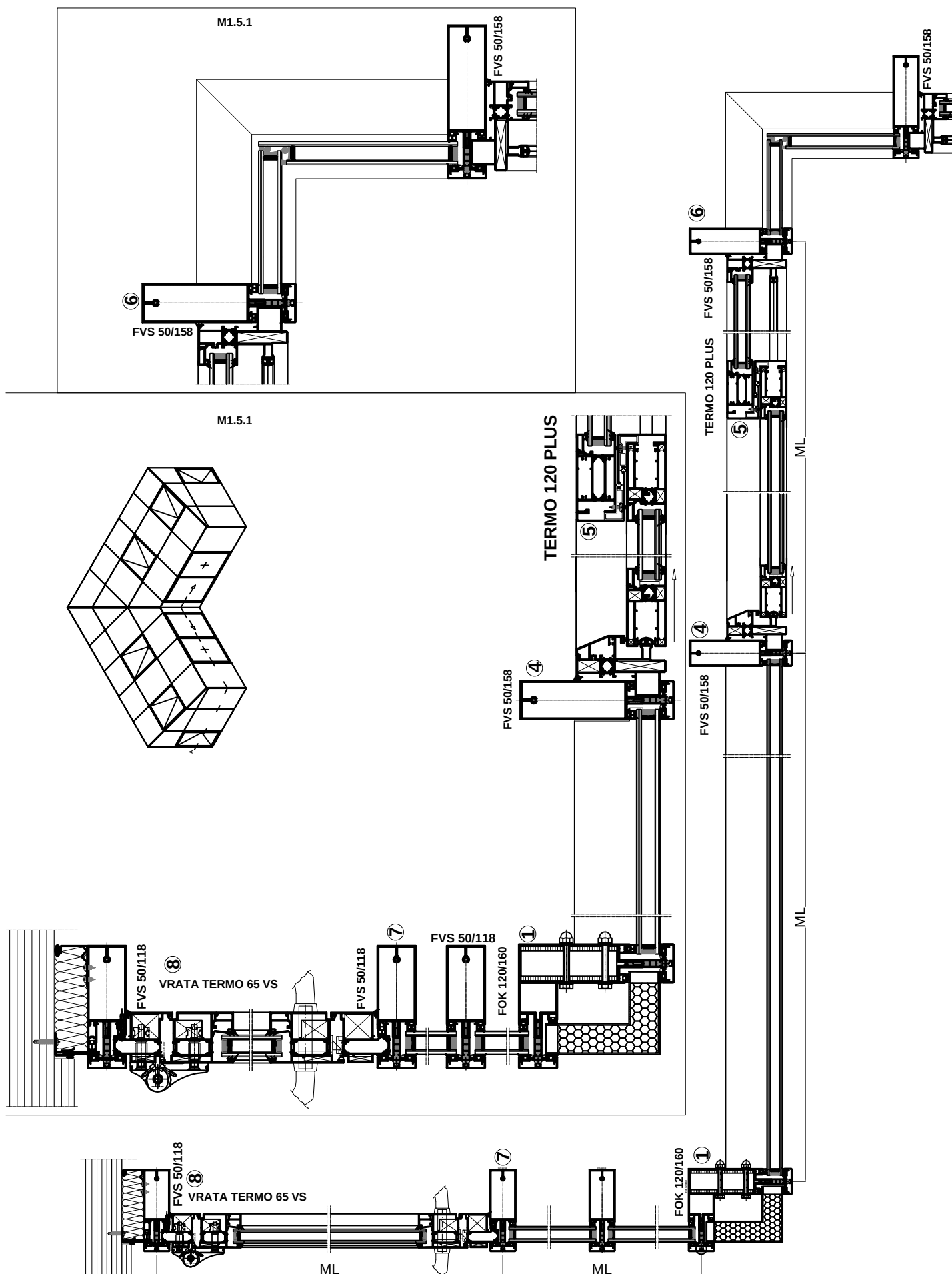


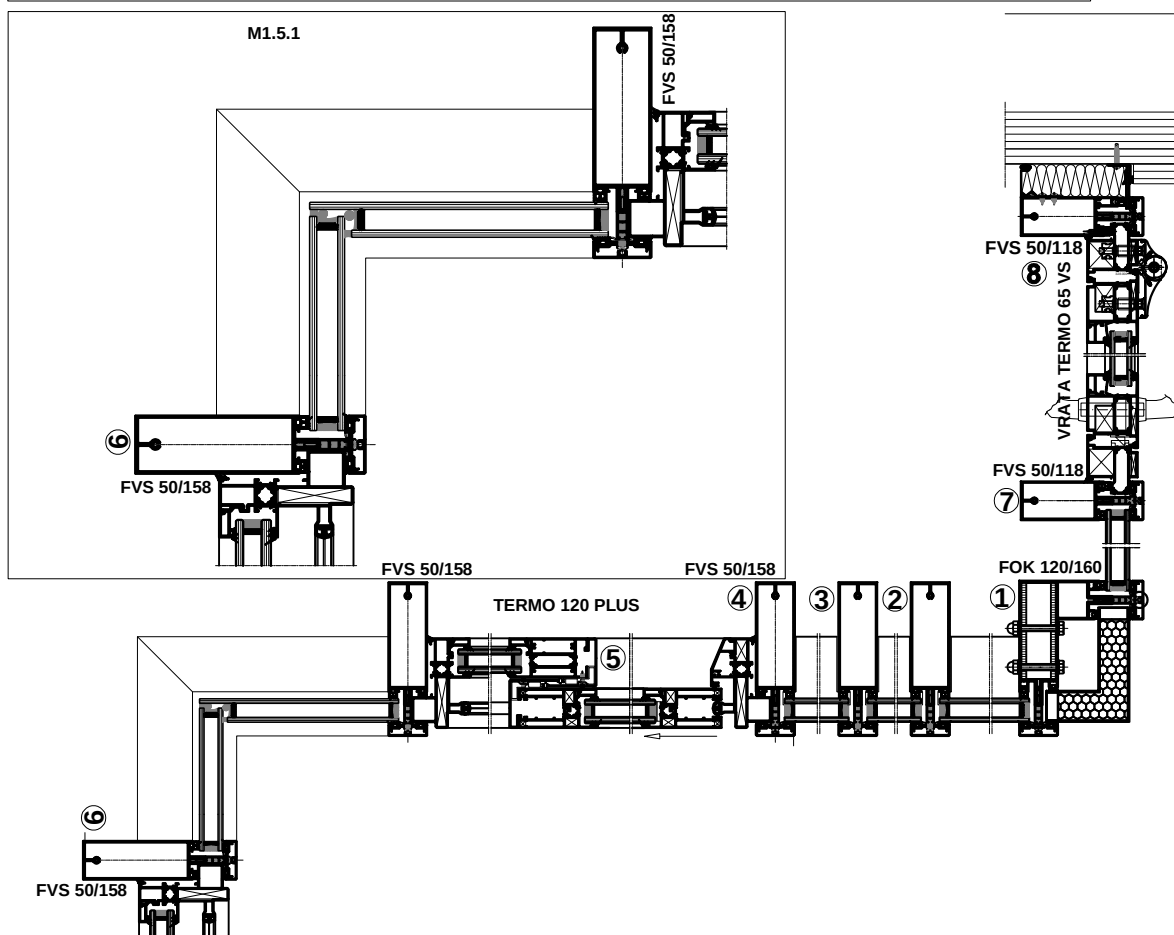
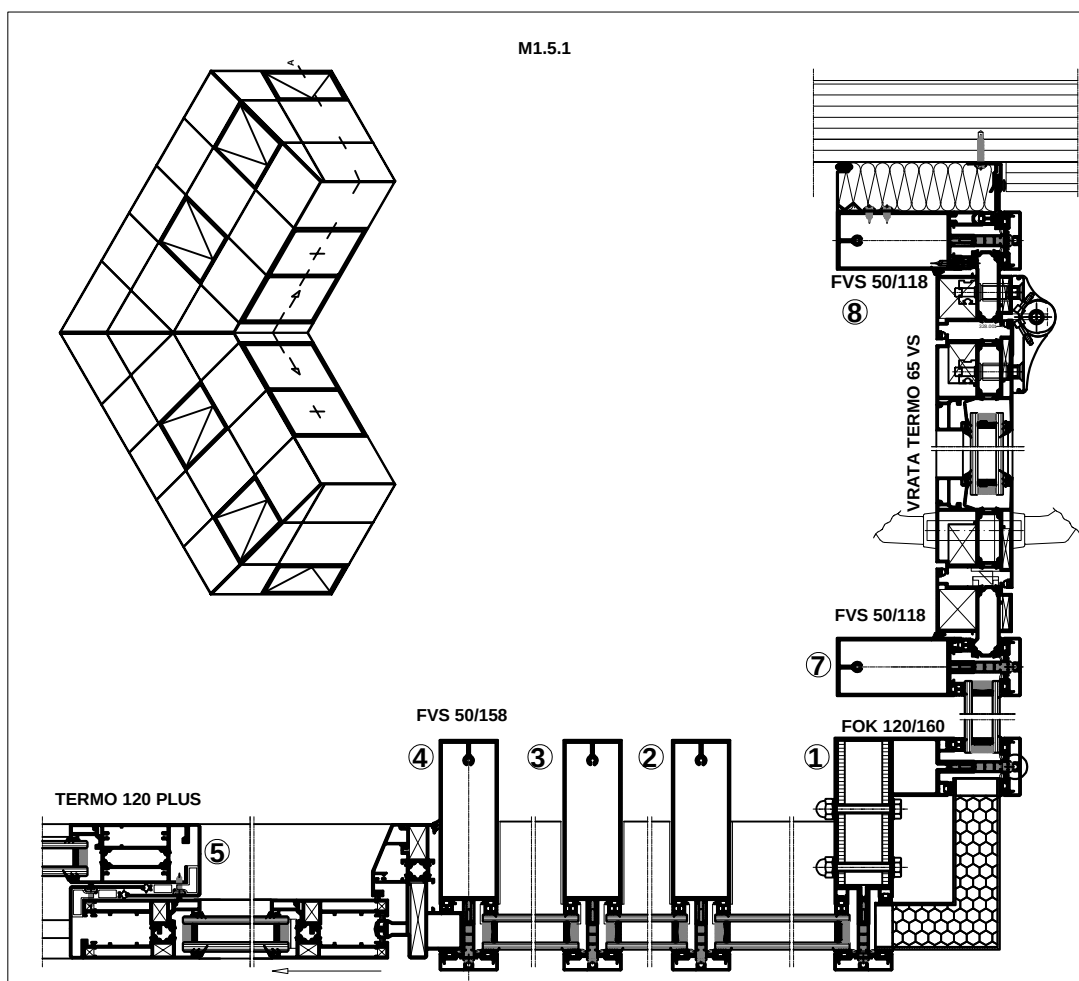
HIDROIZOLACIJA (BUTILNA  
TRAKA SA AL FOLIJOM)  
SPOJEVE OBAVEZNO LIJEPITI

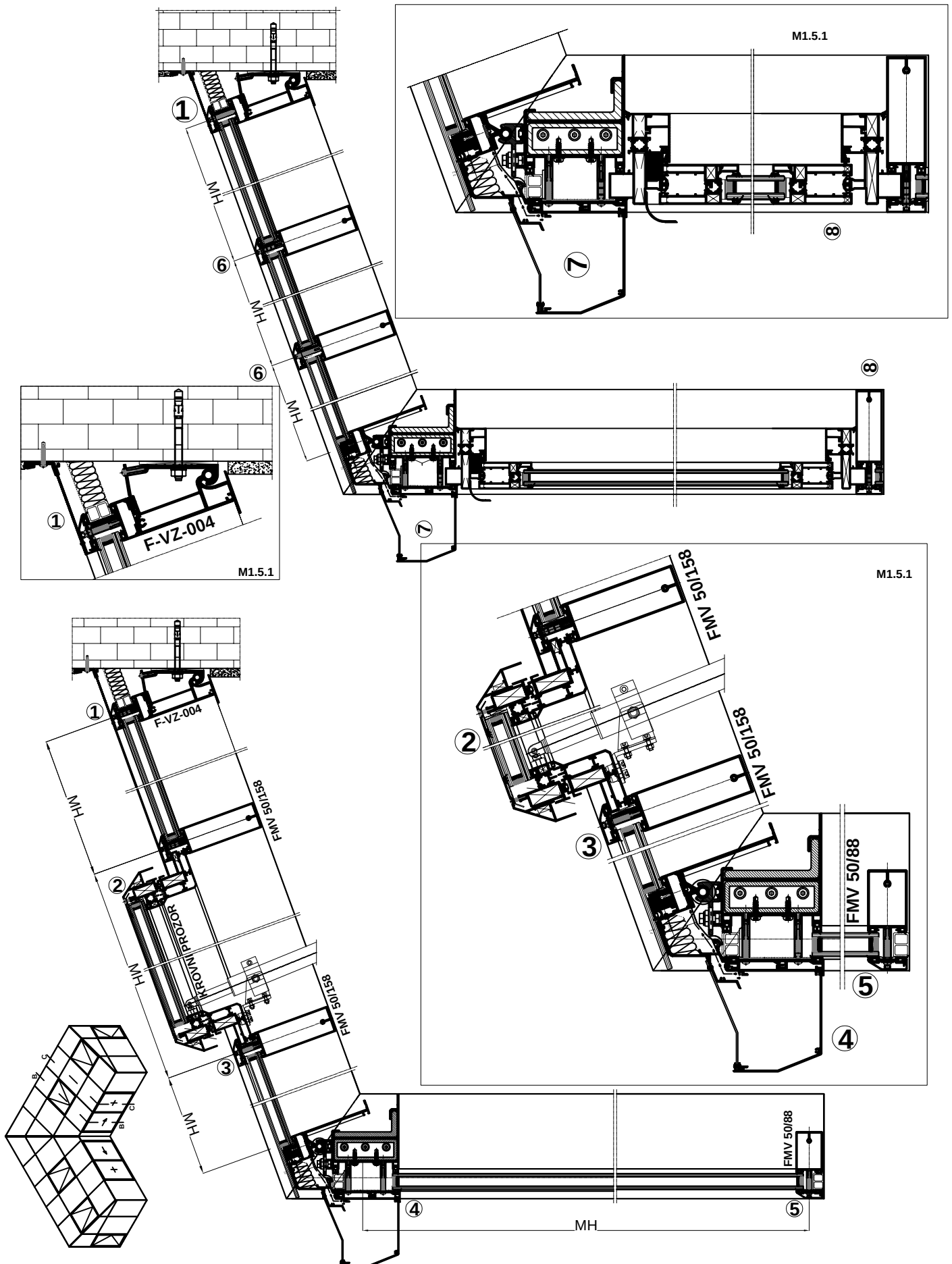


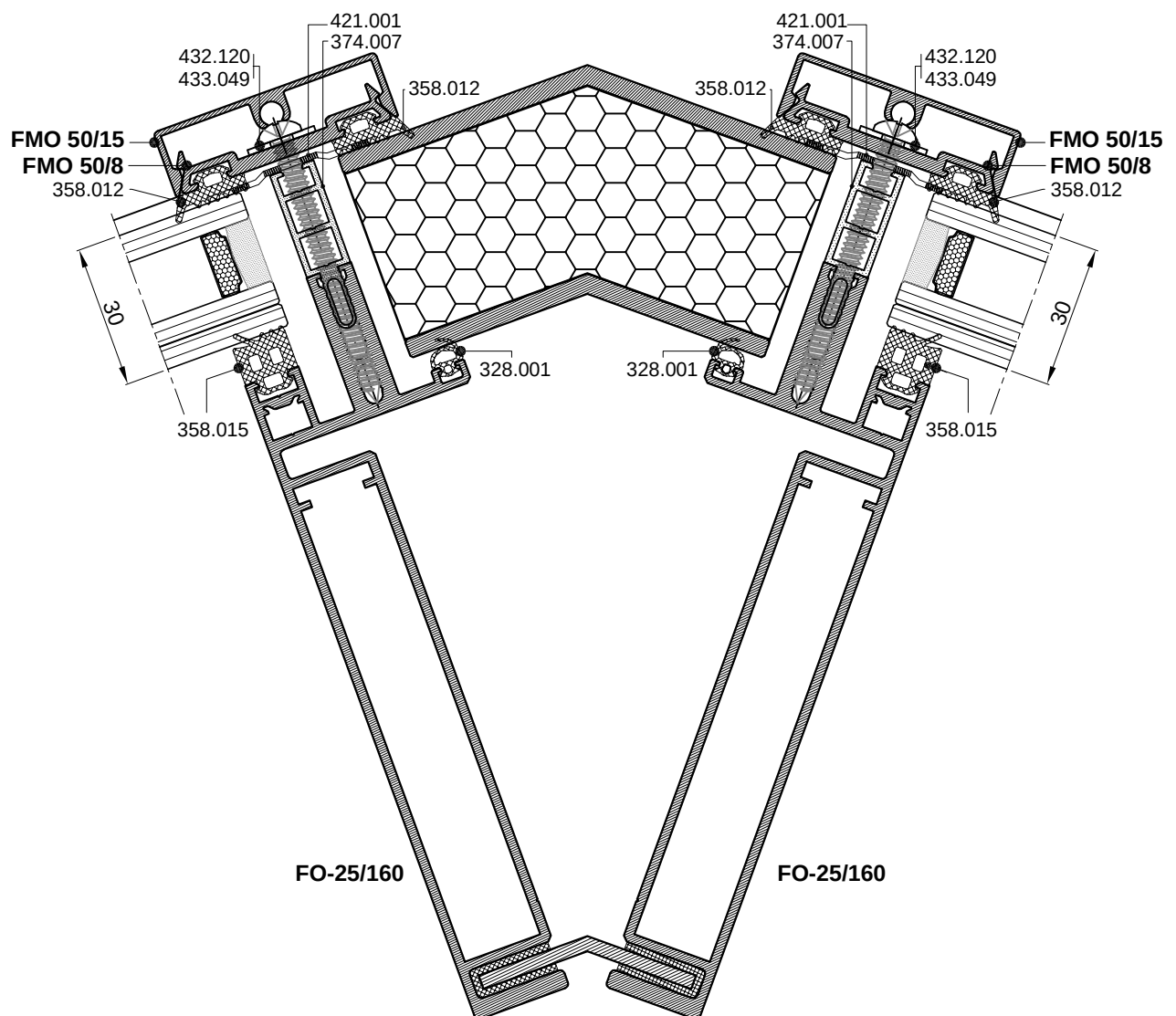
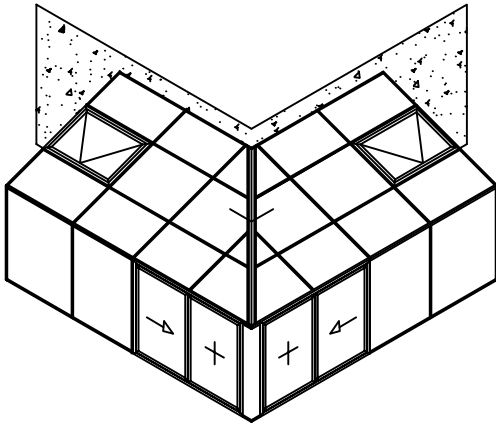


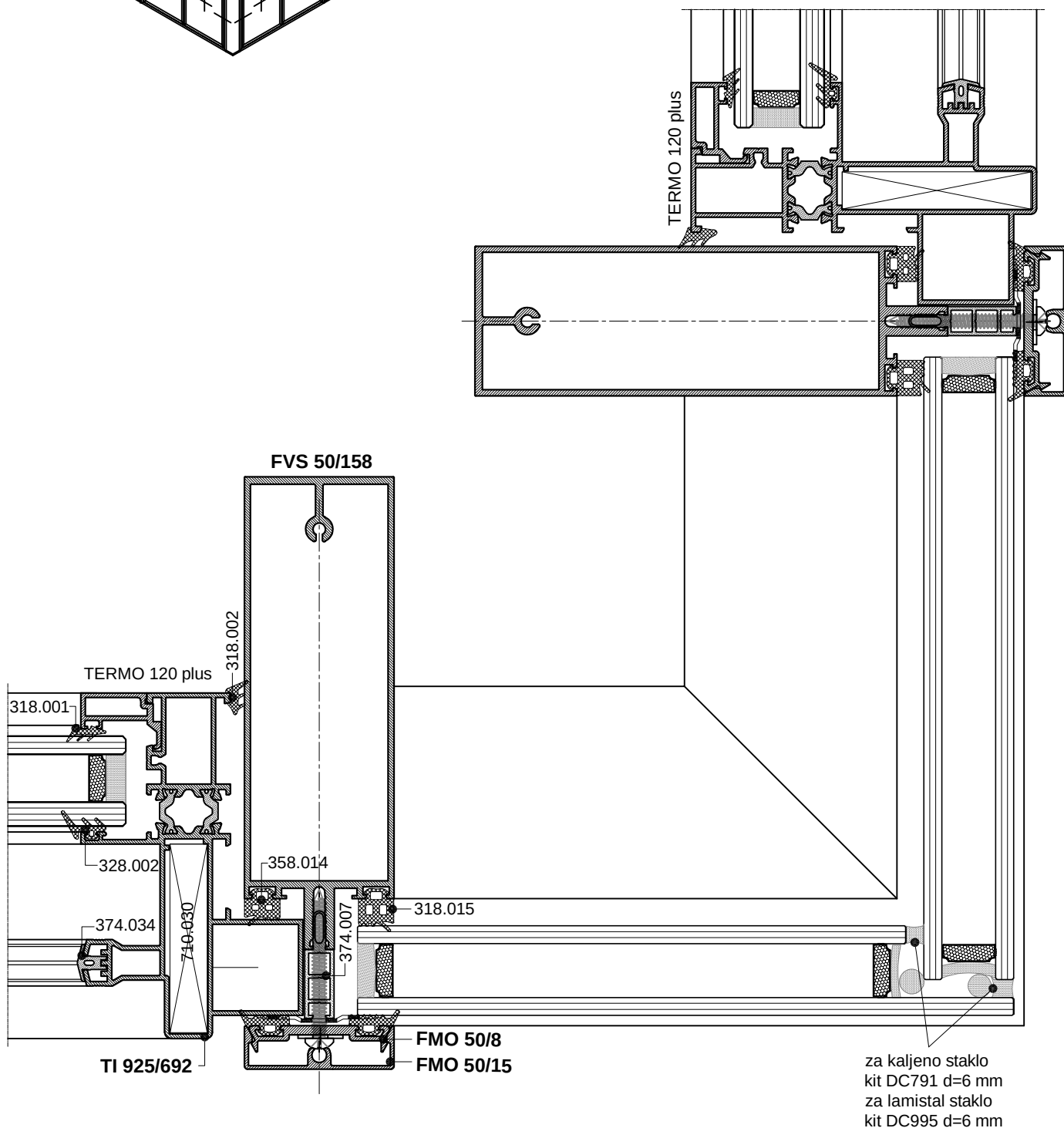
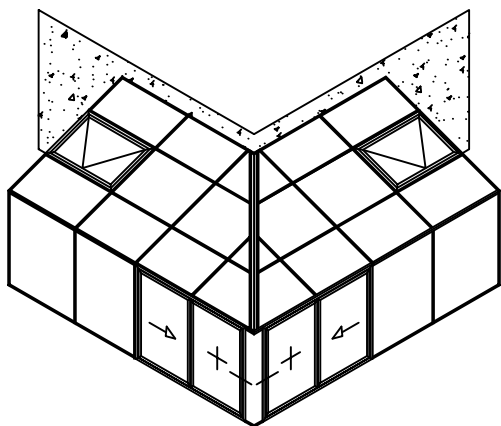


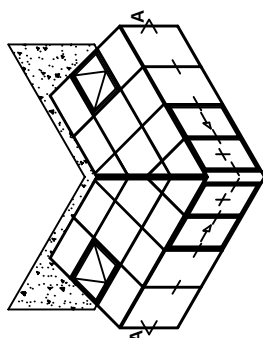


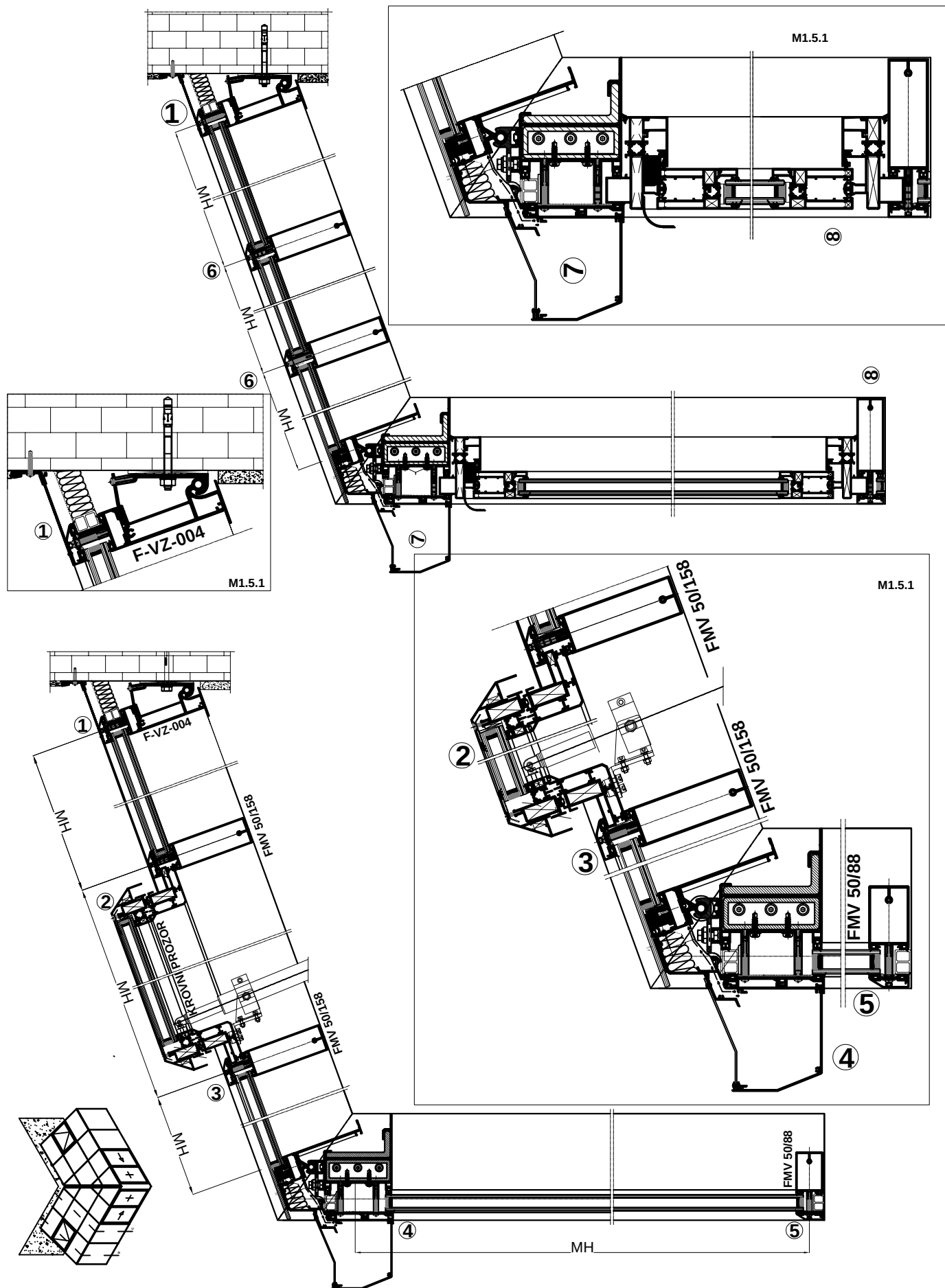










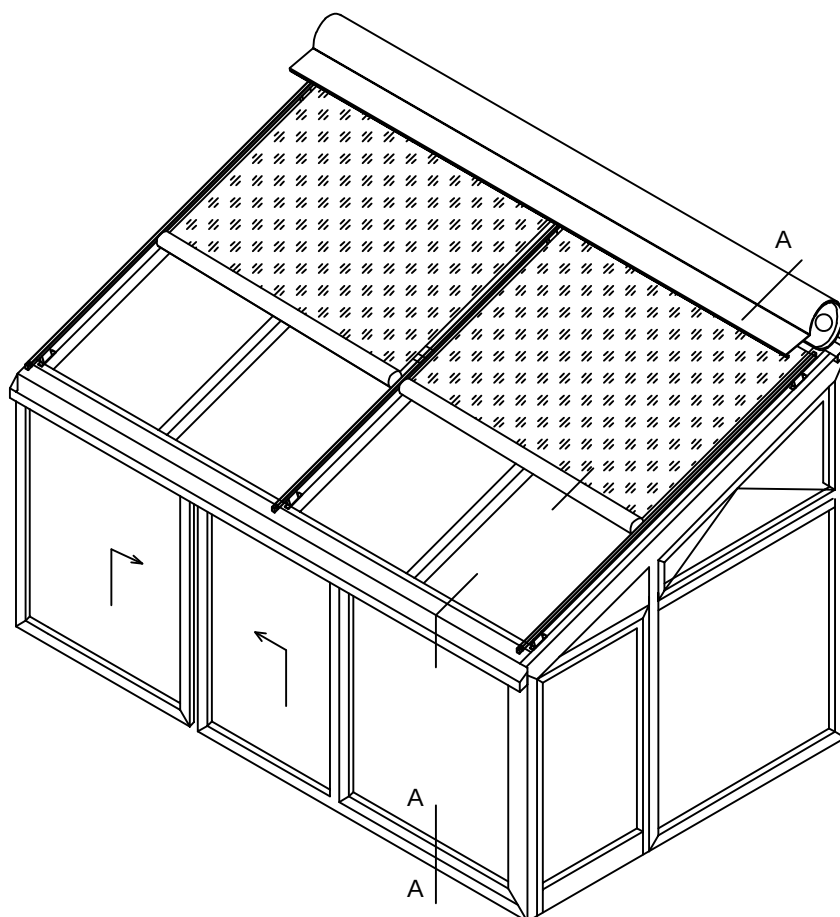


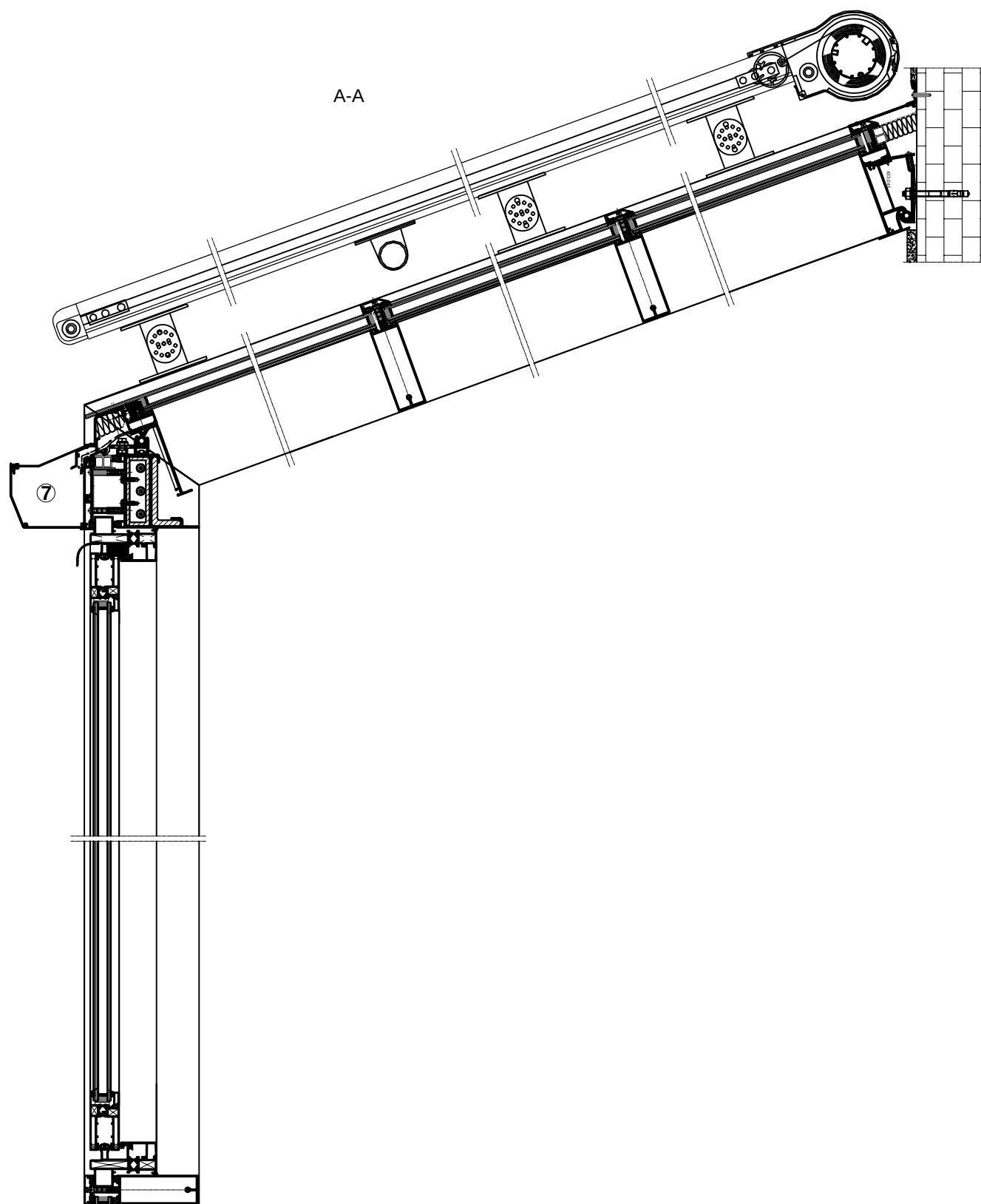
Technical drawing of a rectangular frame assembly. The drawing shows a perspective view of a frame with a central panel. Dimensions are indicated: a width of 10 and a height of 2 for the side rails, and a length of 10 for the bottom rail. The material specification is given as  $L_{lajisne}=ML-74$ .

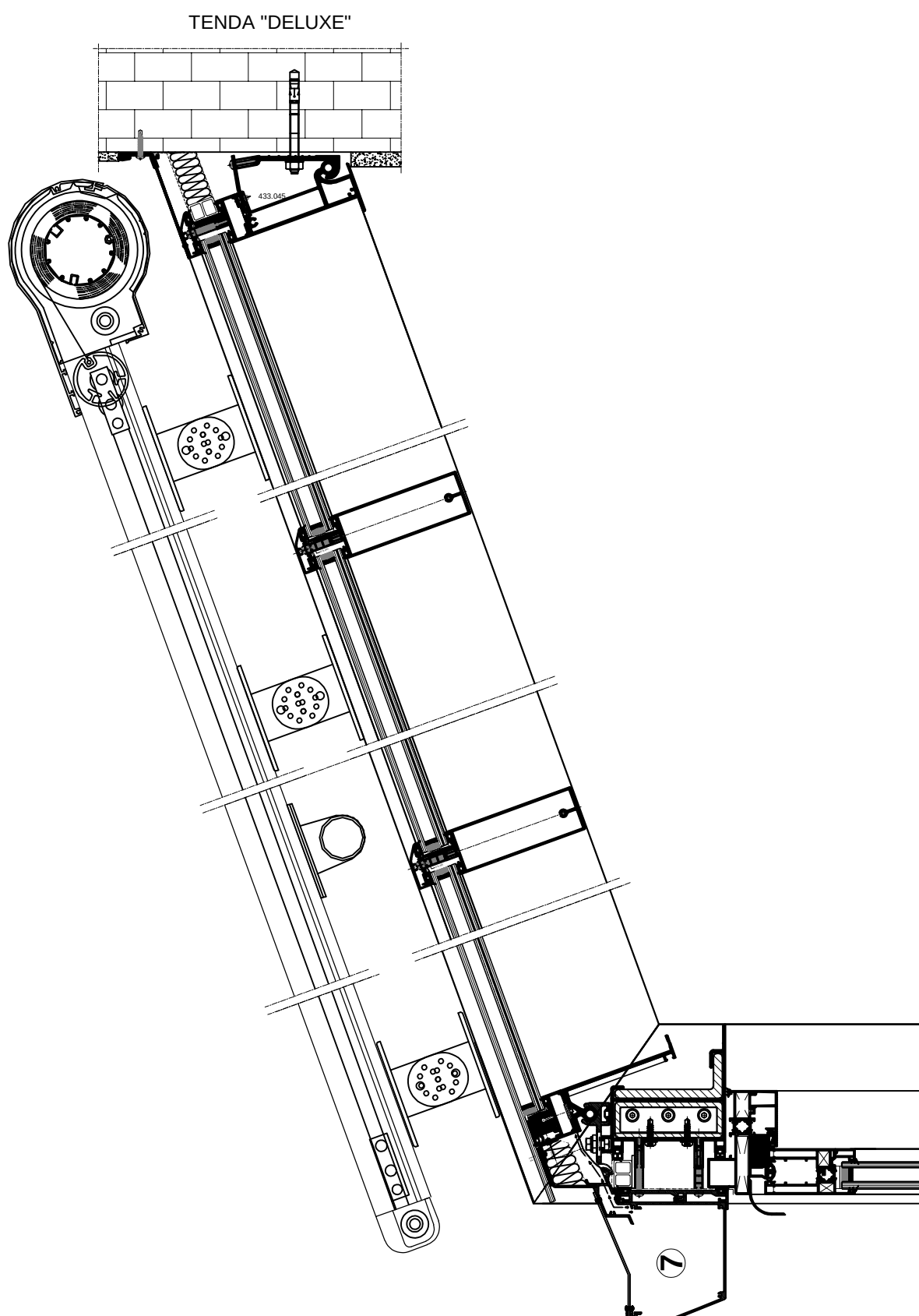
255-01-35



TENDE „DELUX“





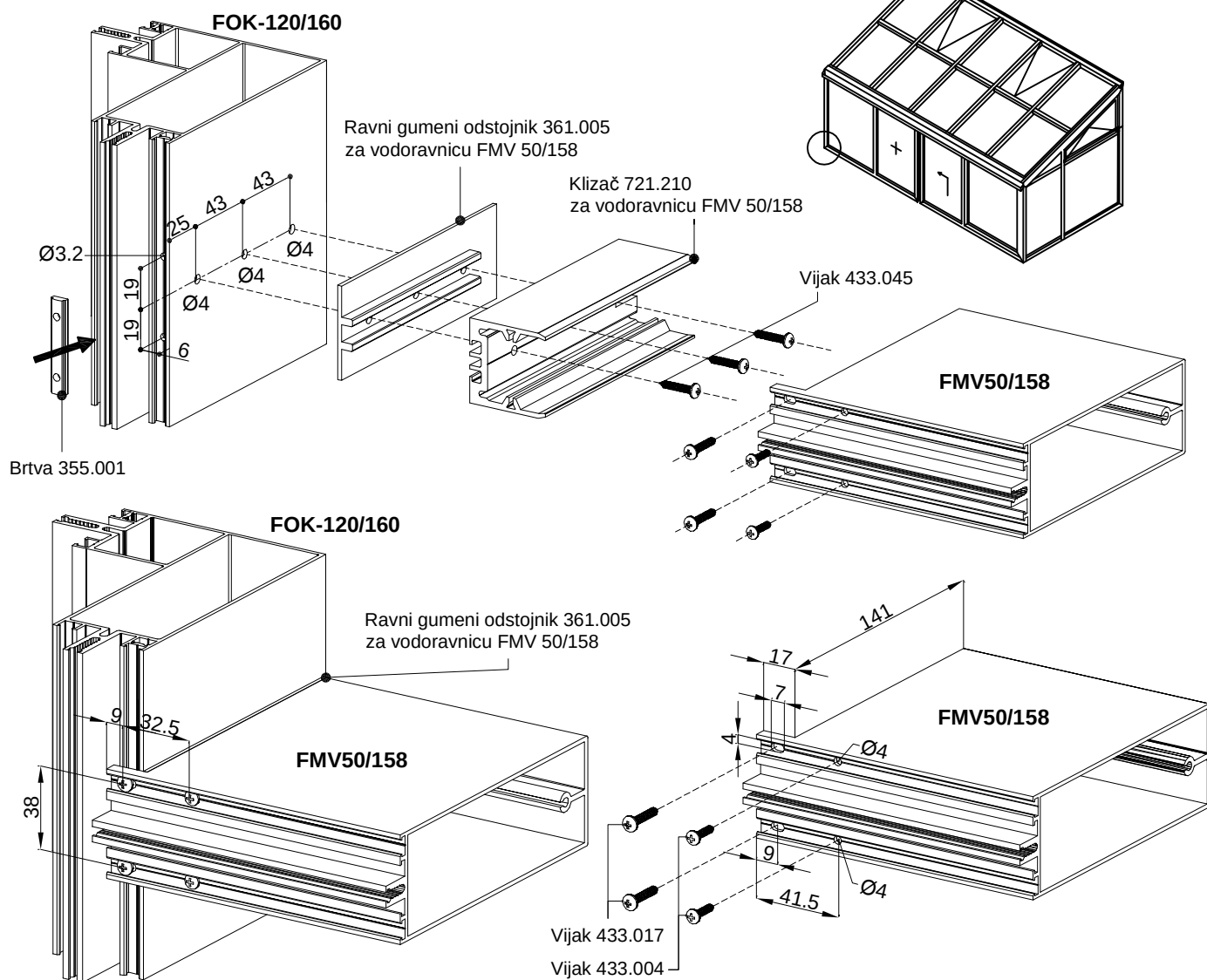
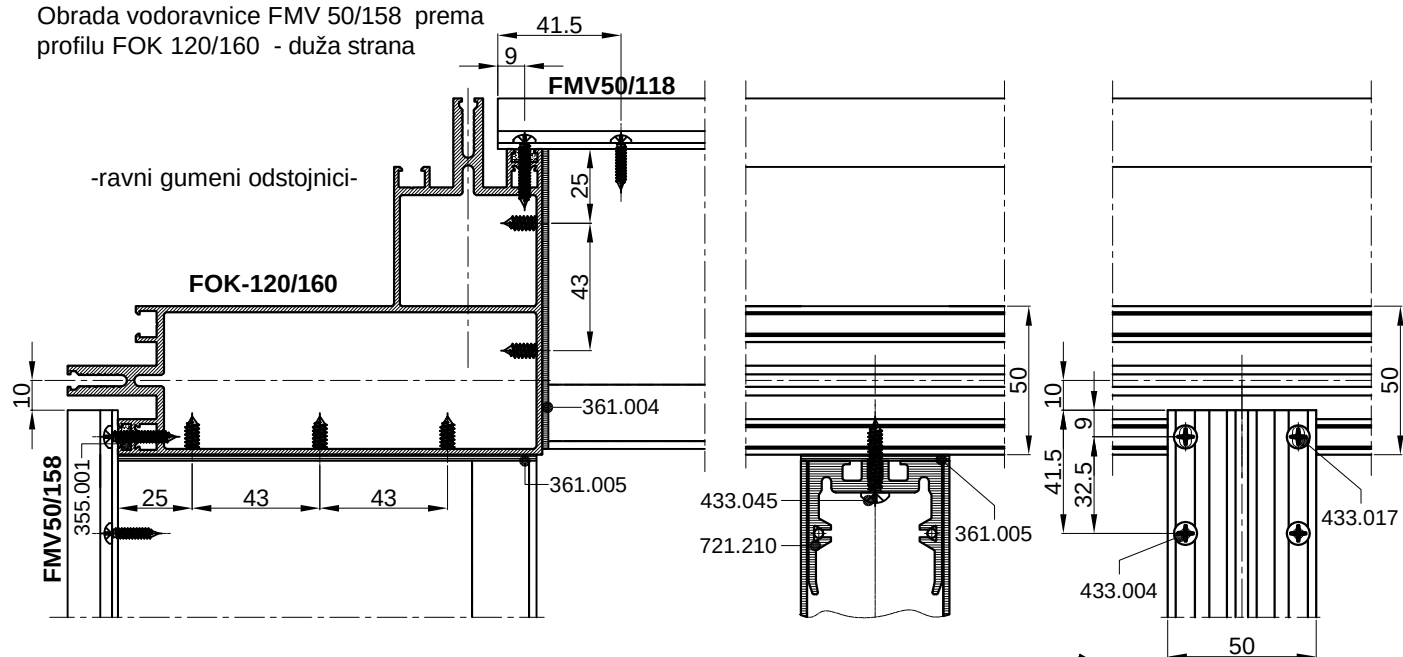




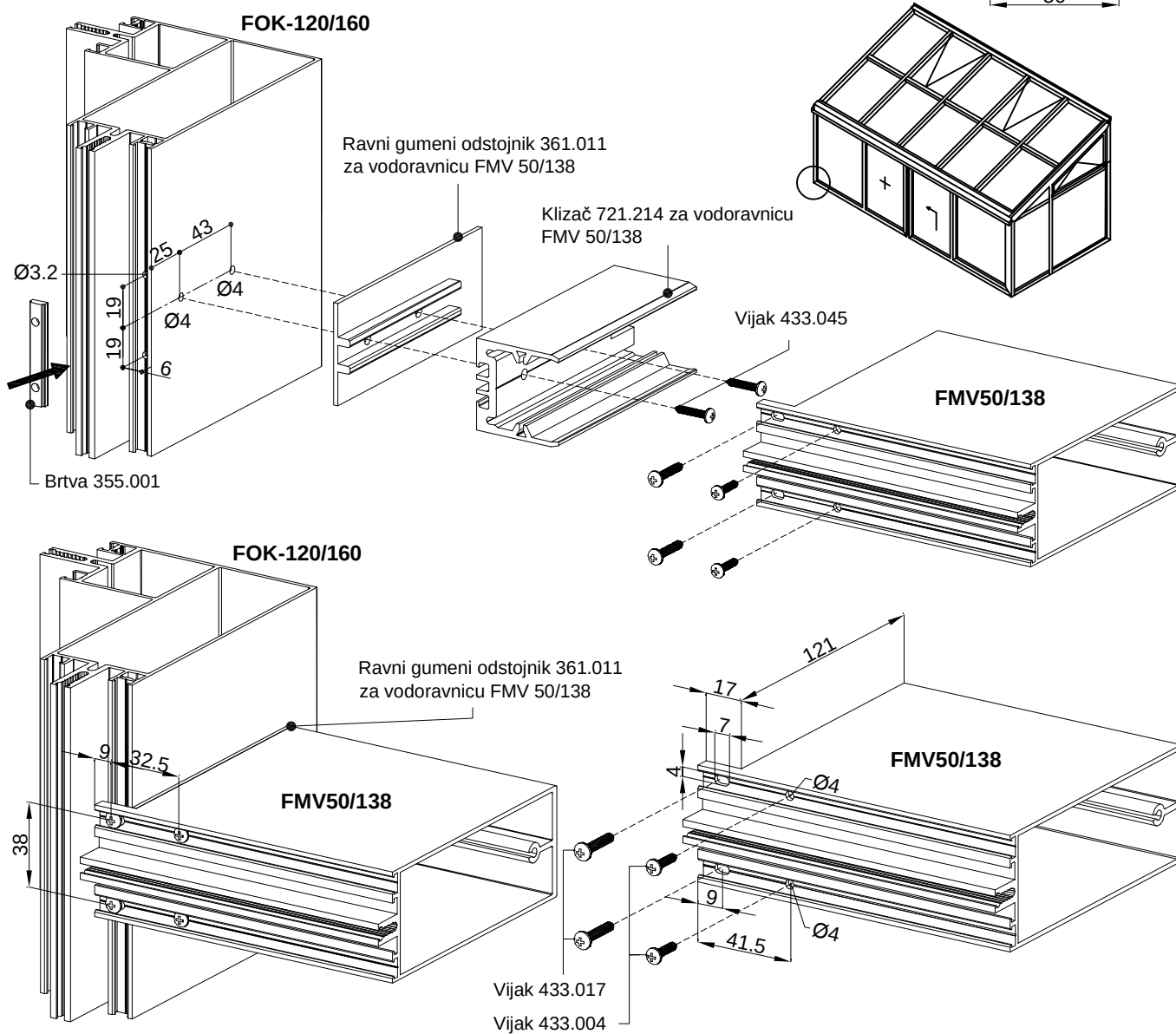
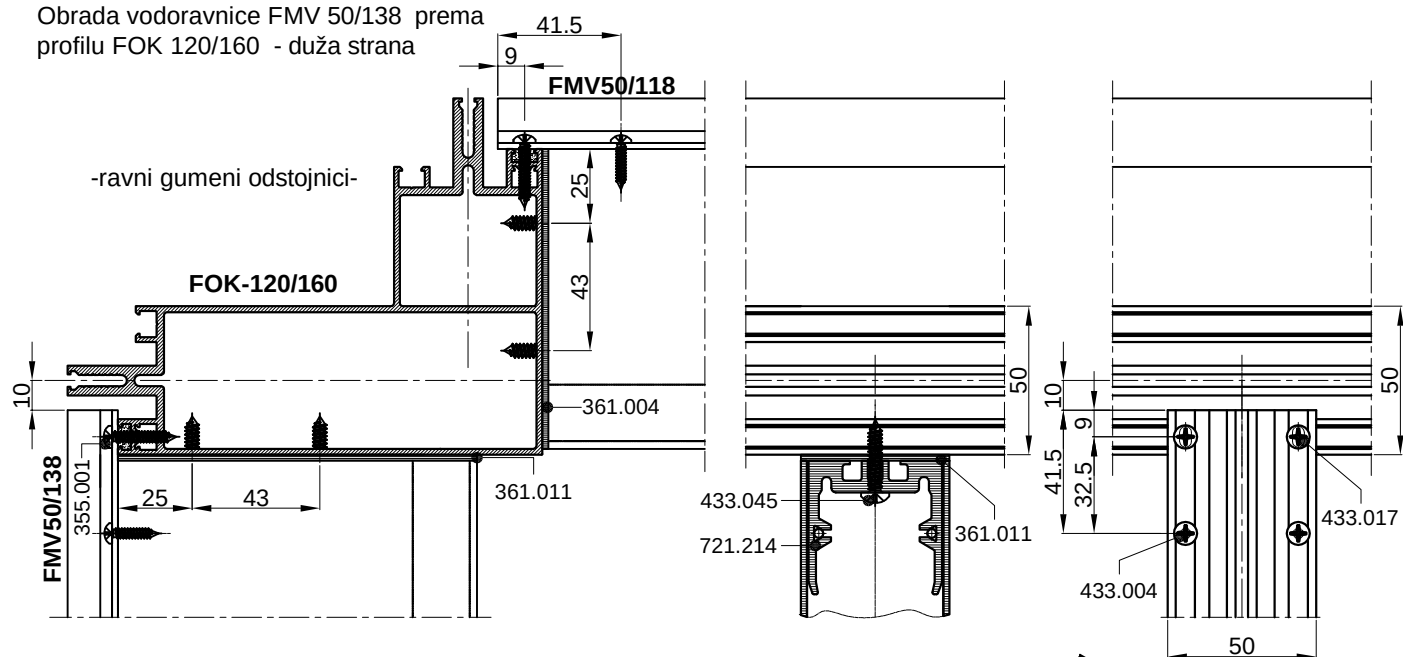
## Obrada i montaža



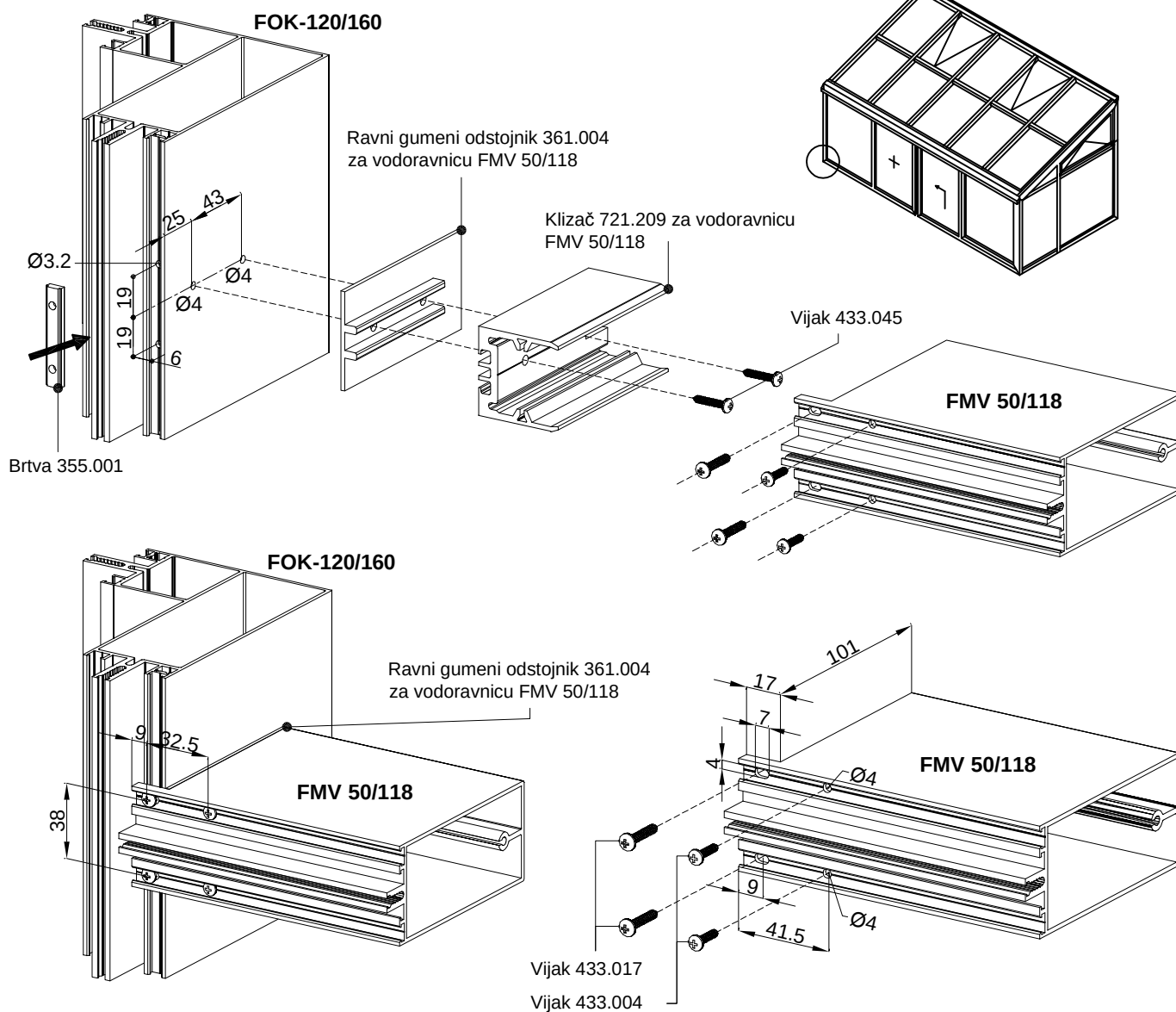
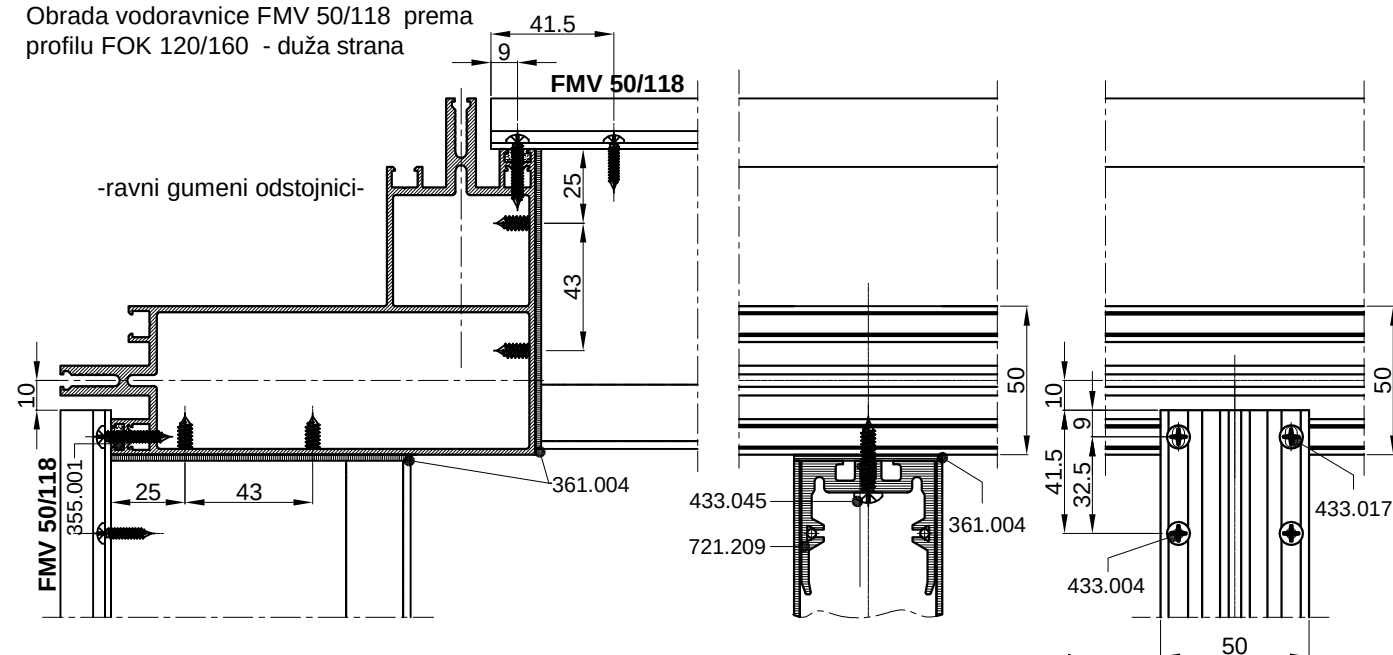
Obrada vodoravnice FMV 50/158 prema  
profilu FOK 120/160 - duža strana



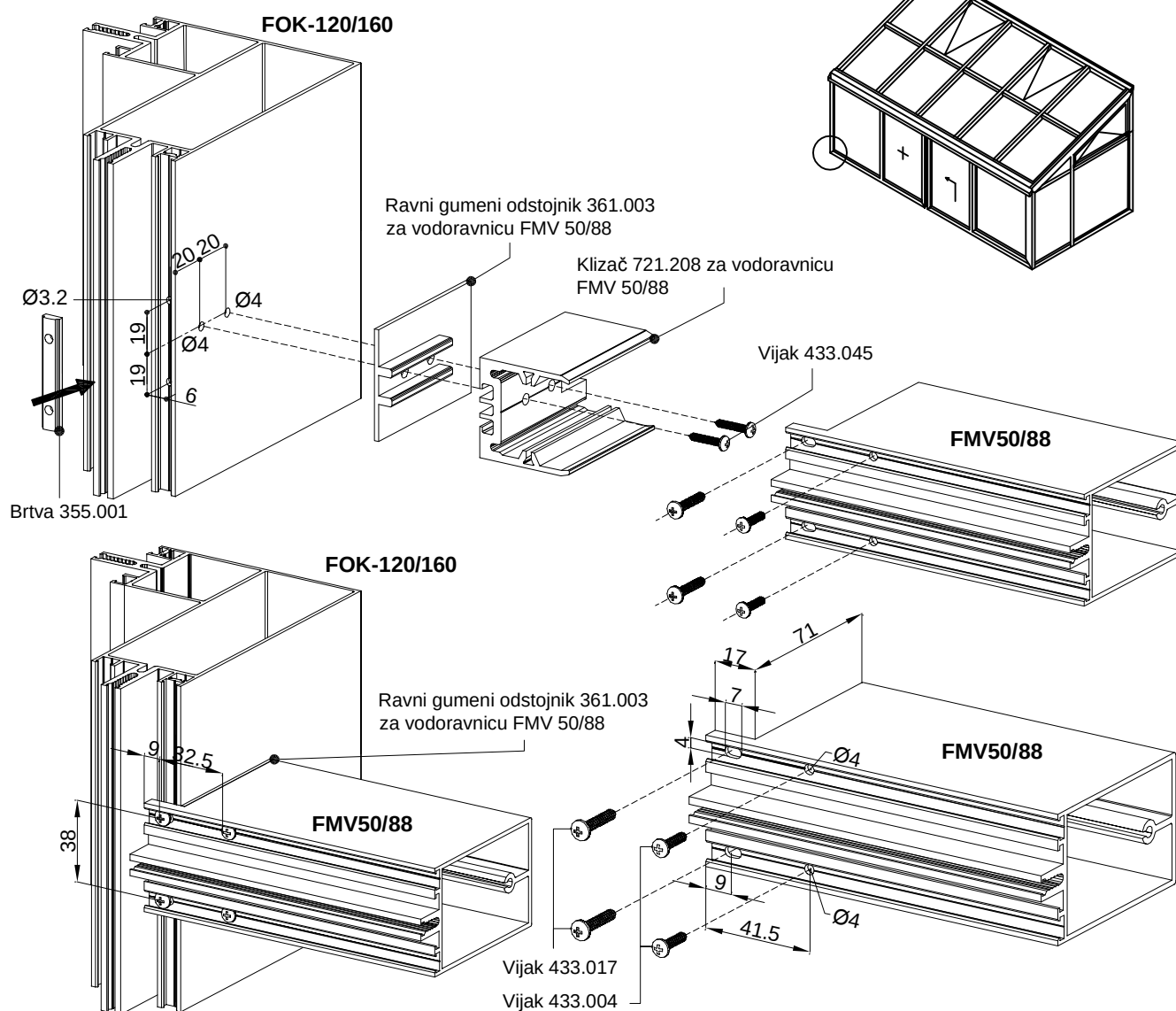
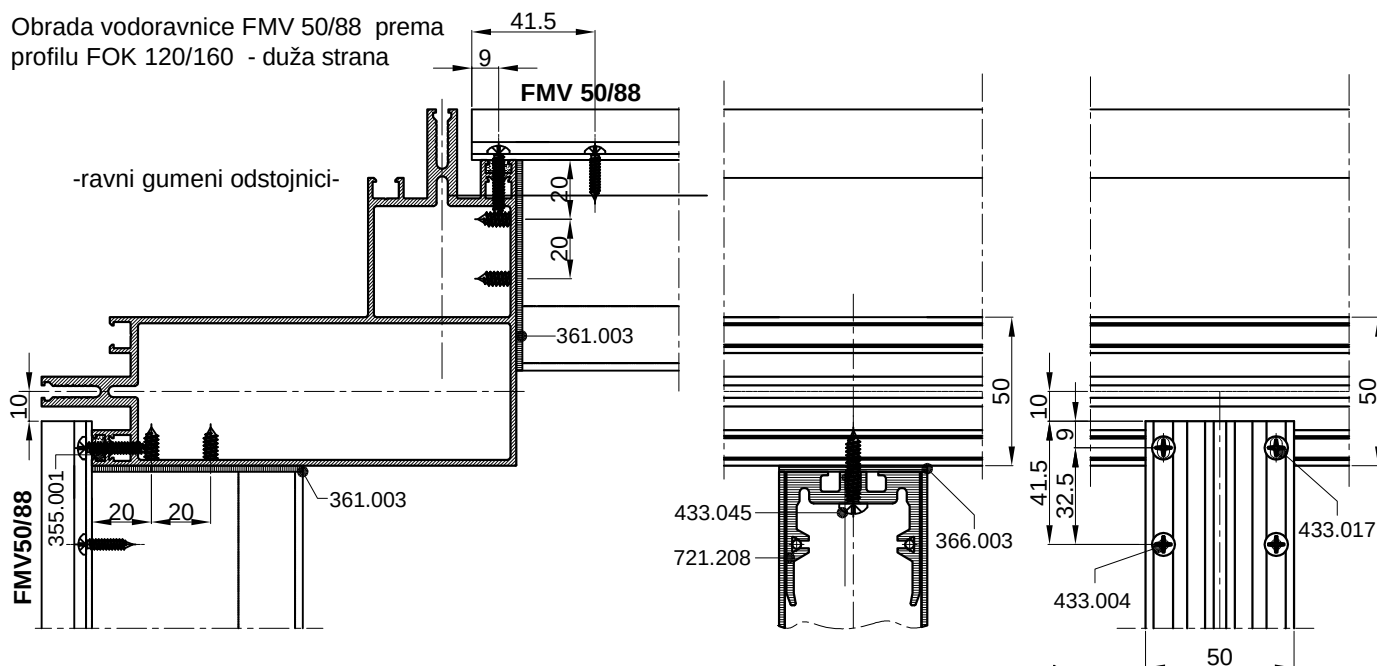
Obrada vodoravnice FMV 50/138 prema profilu FOK 120/160 - duža strana



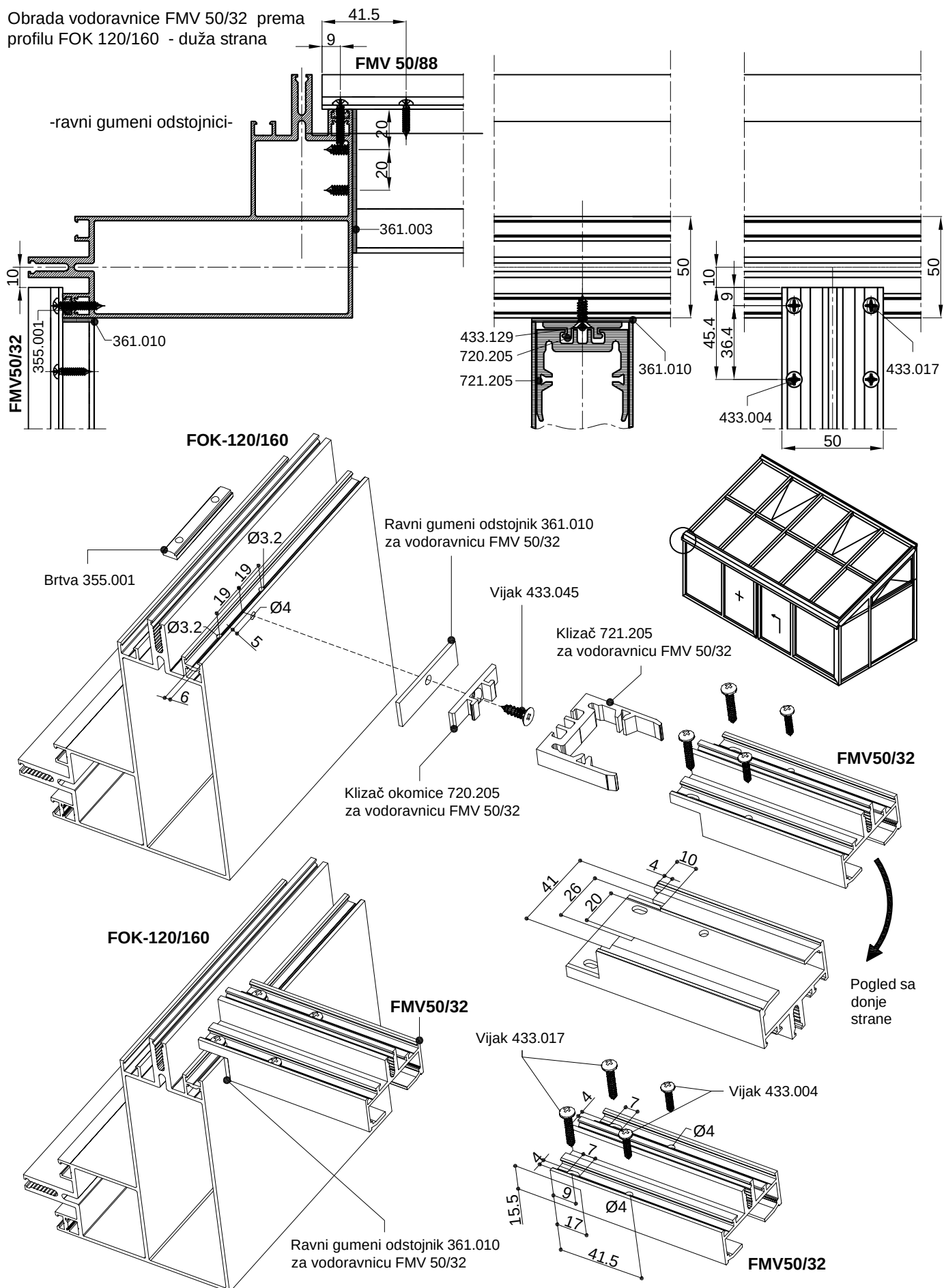
Obrada vodoravnice FMV 50/118 prema profilu FOK 120/160 - duža strana



Obrada vodoravnice FMV 50/88 prema  
profilu FOK 120/160 - duža strana

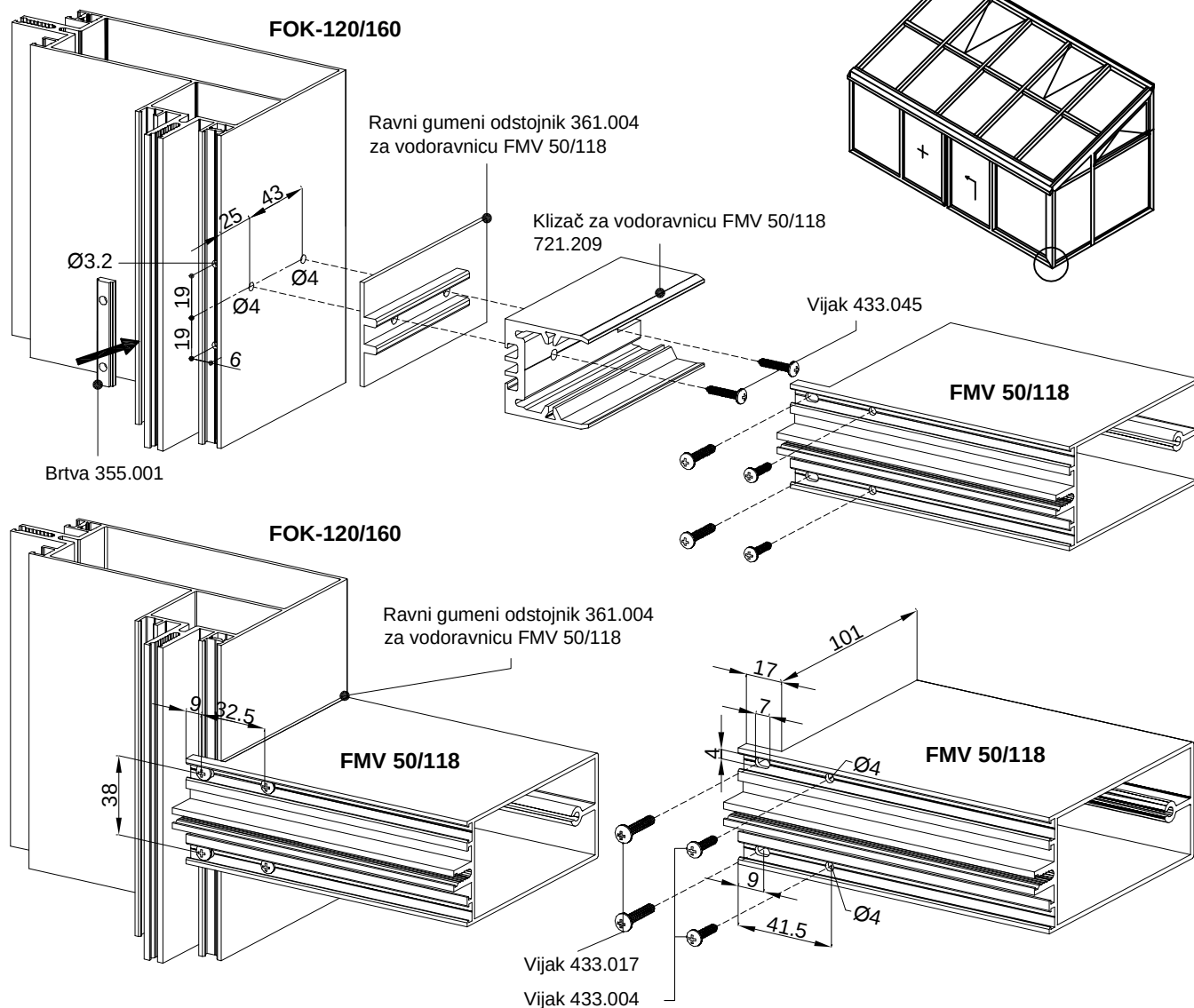
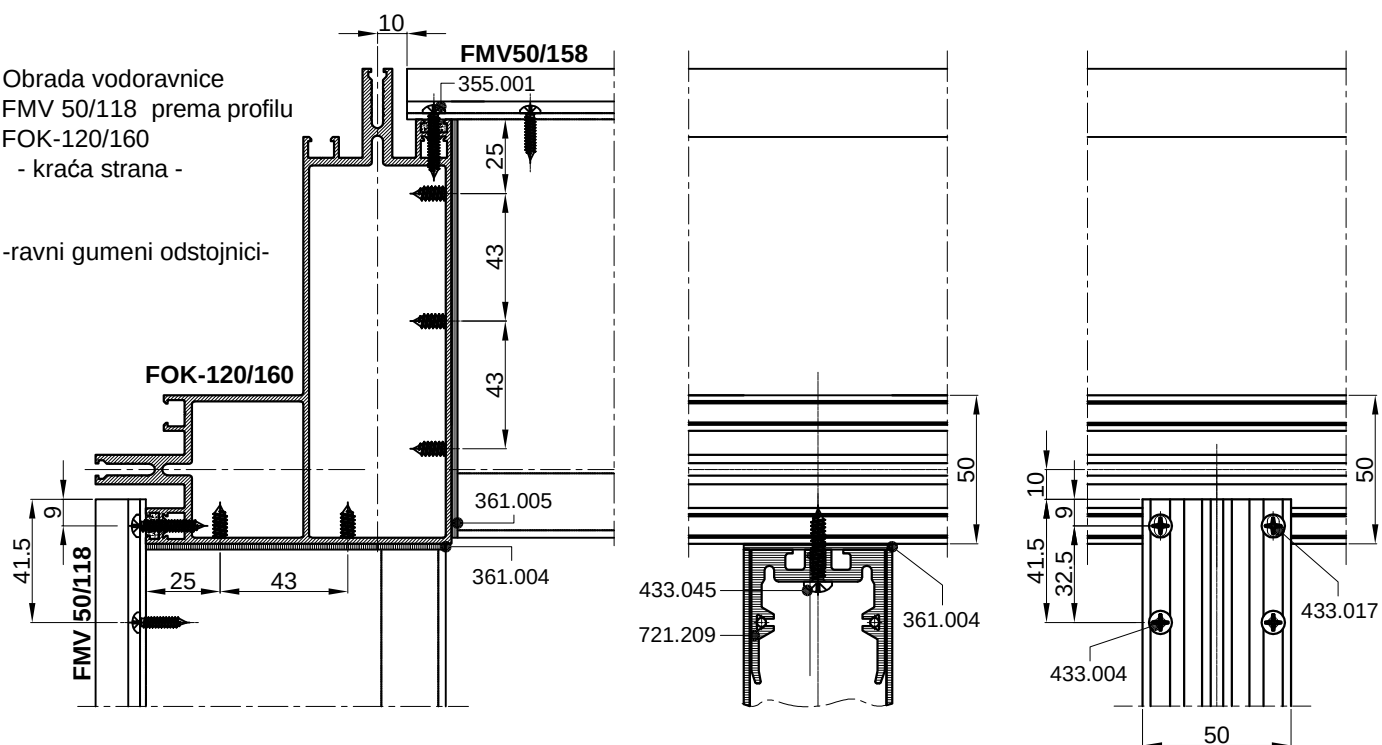


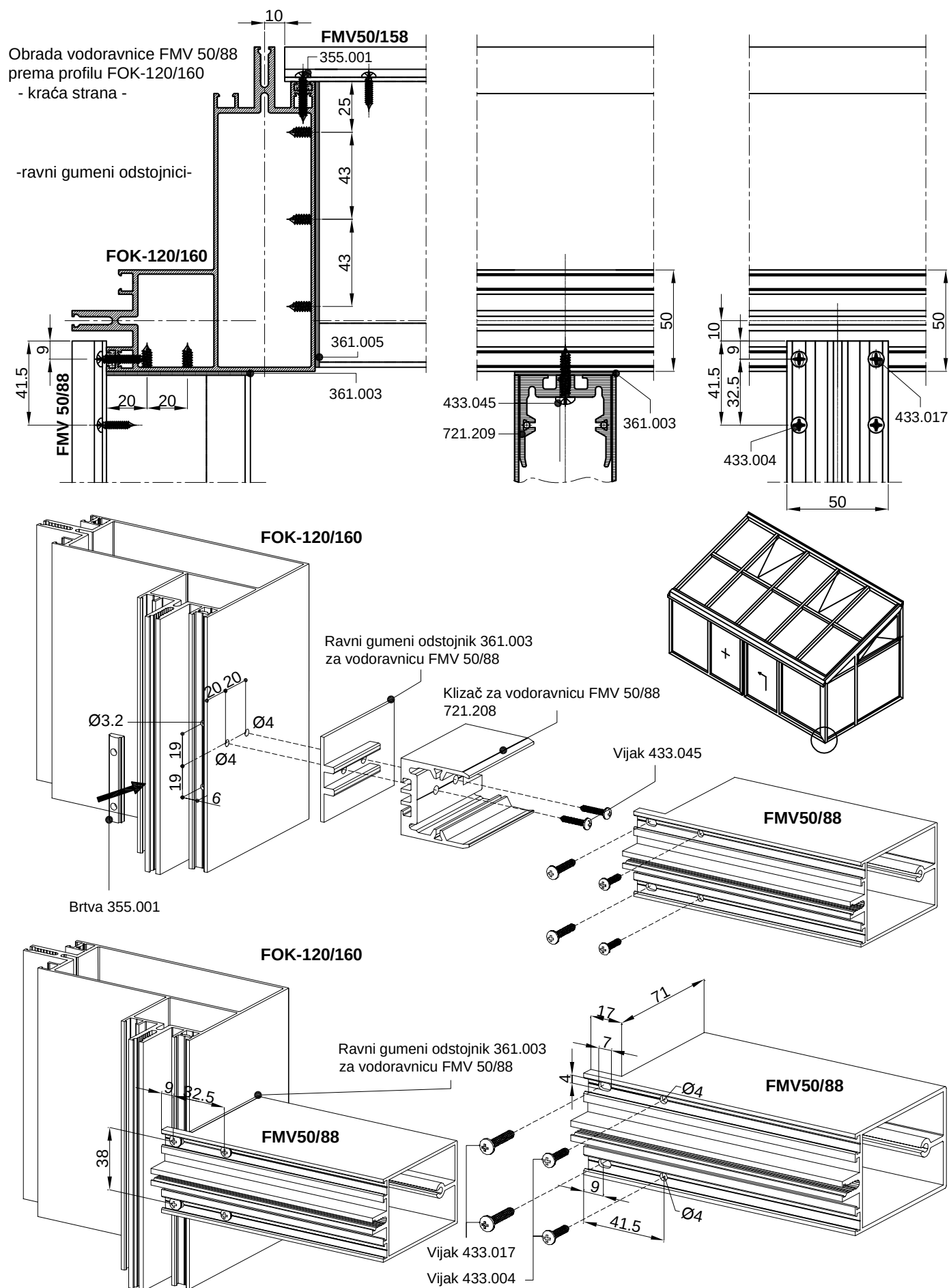
Obrada vodoravnice FMV 50/32 prema profilu FOK 120/160 - duža strana

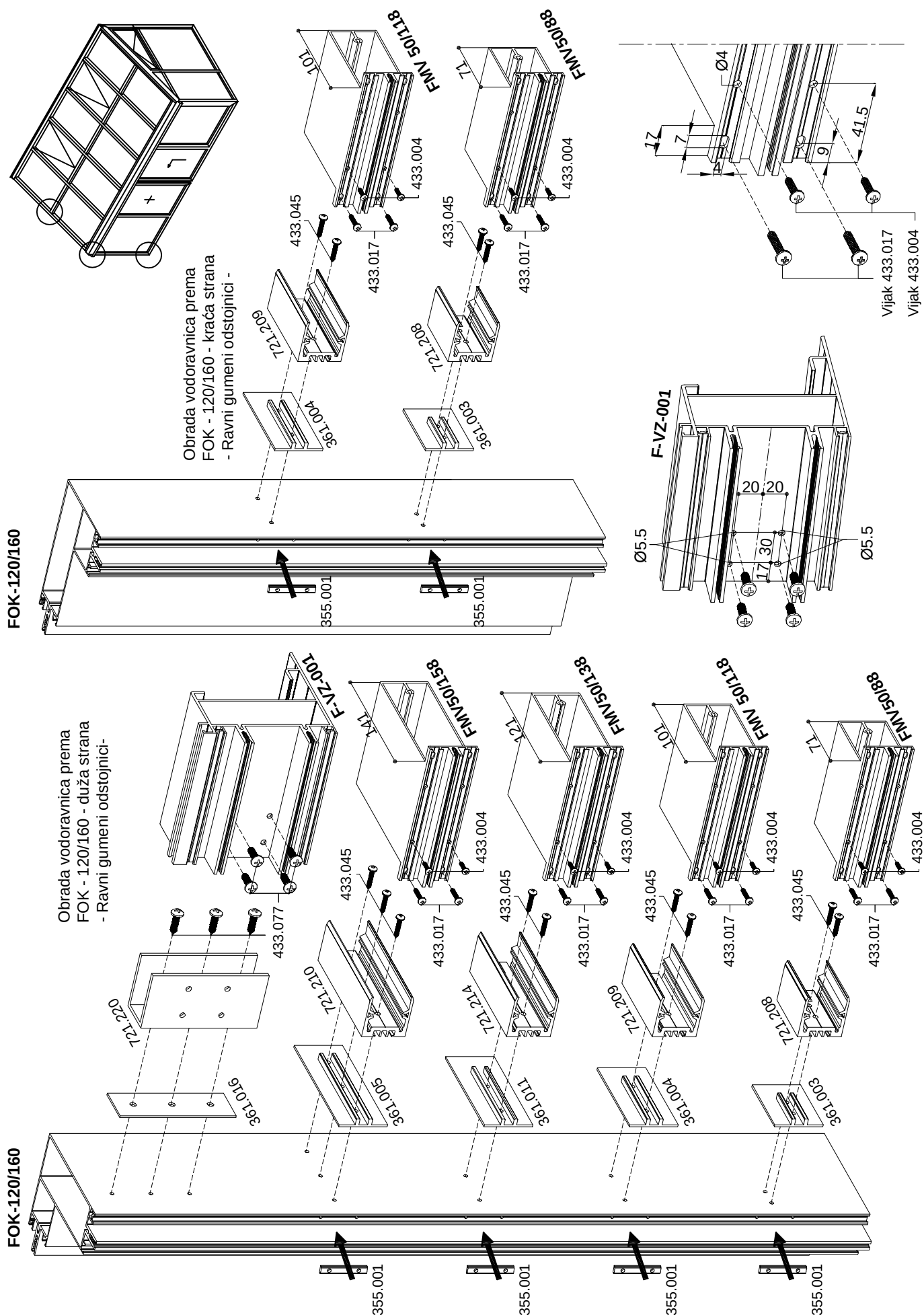


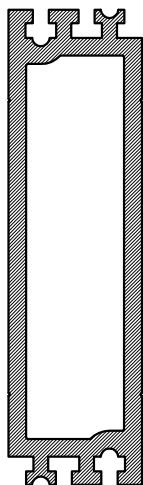
Obrada vodoravnice  
FMV 50/118 prema profilu  
FOK-120/160  
- kraća strana -

-ravni gumeni odstoynici-

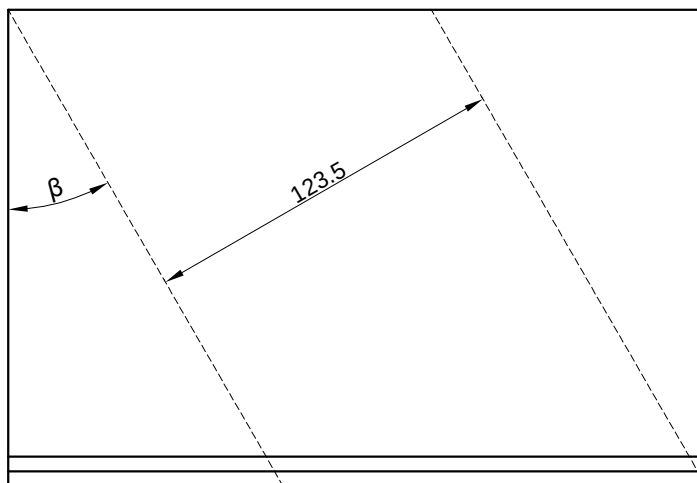




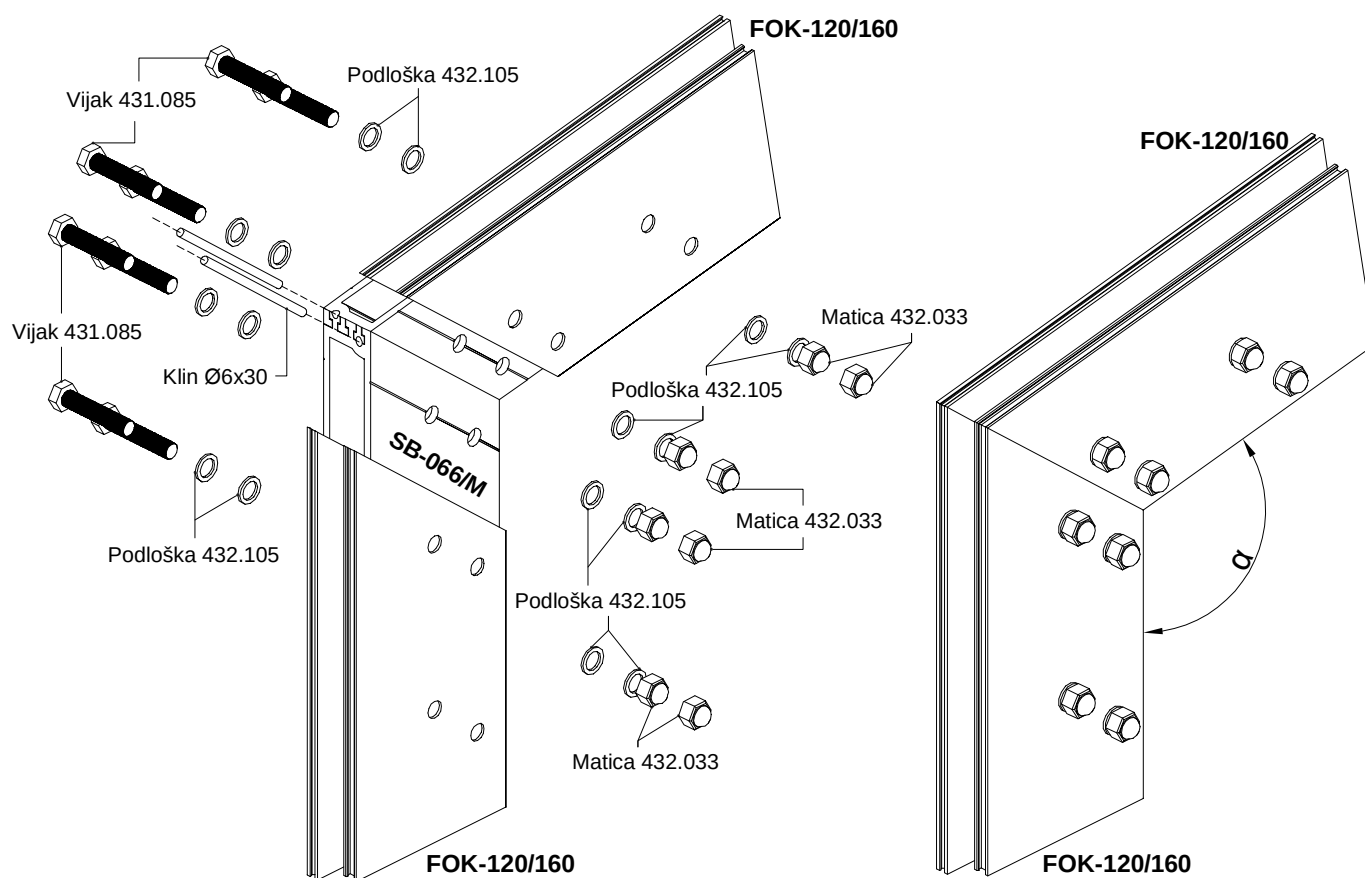


Spojnica okomica  
**SB-066/M**


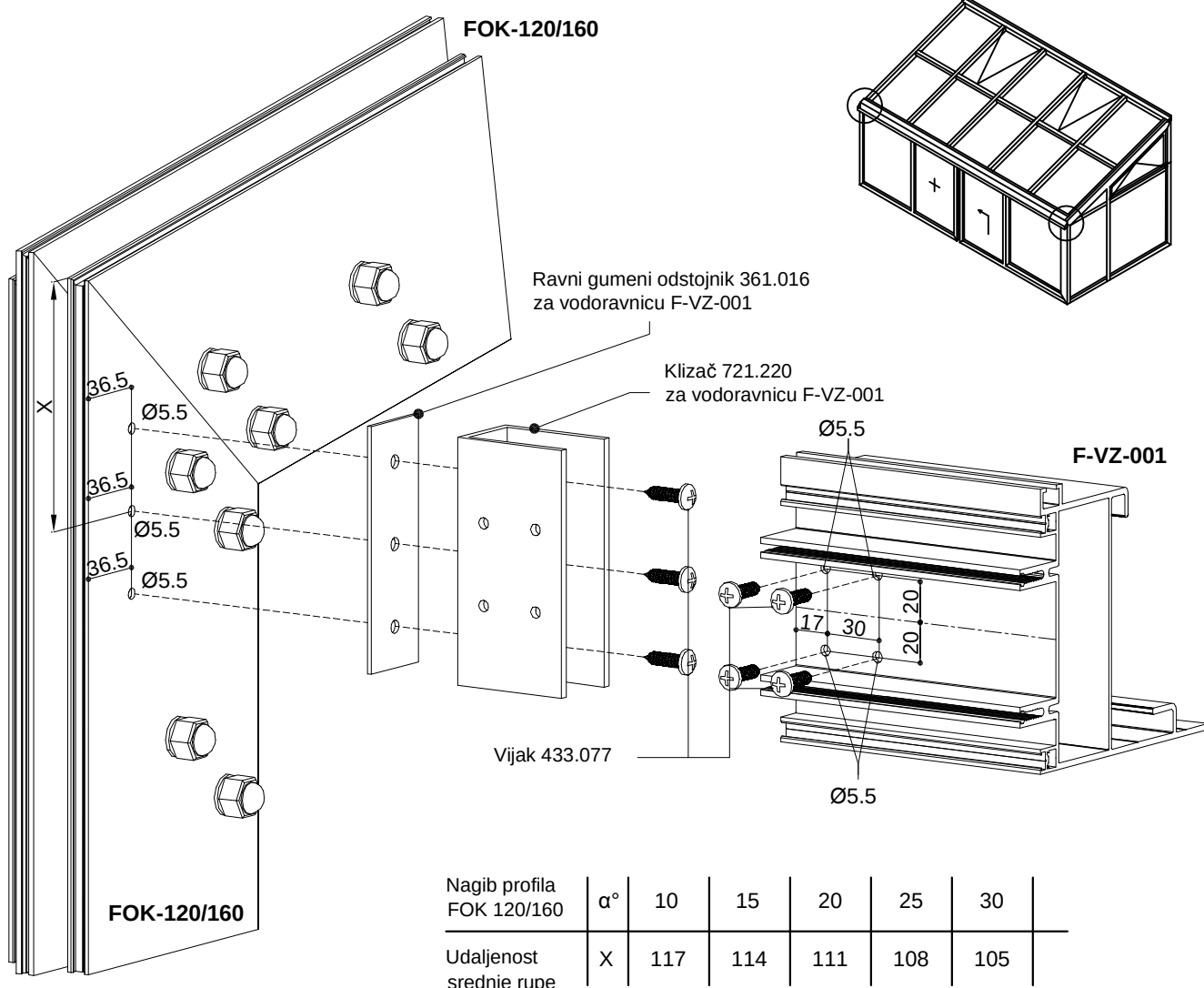
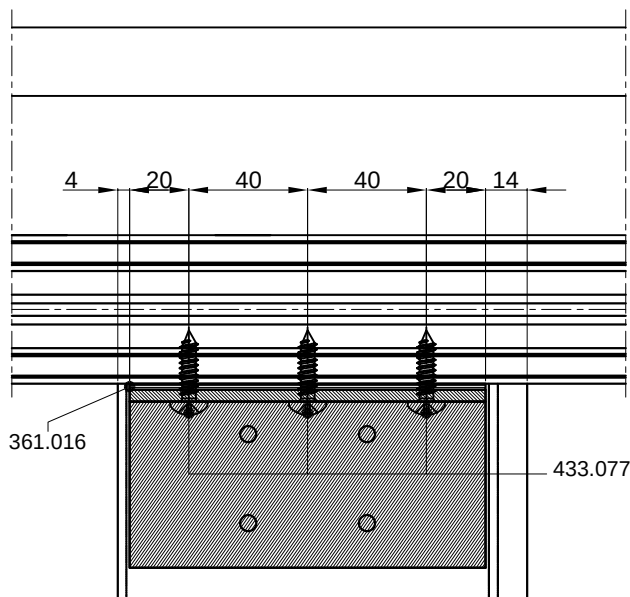
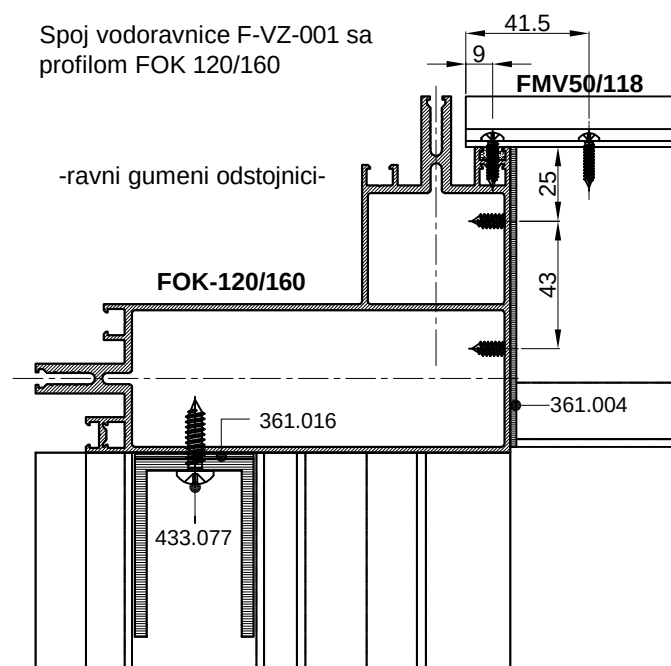
Primjer pilanja spojnice okomica



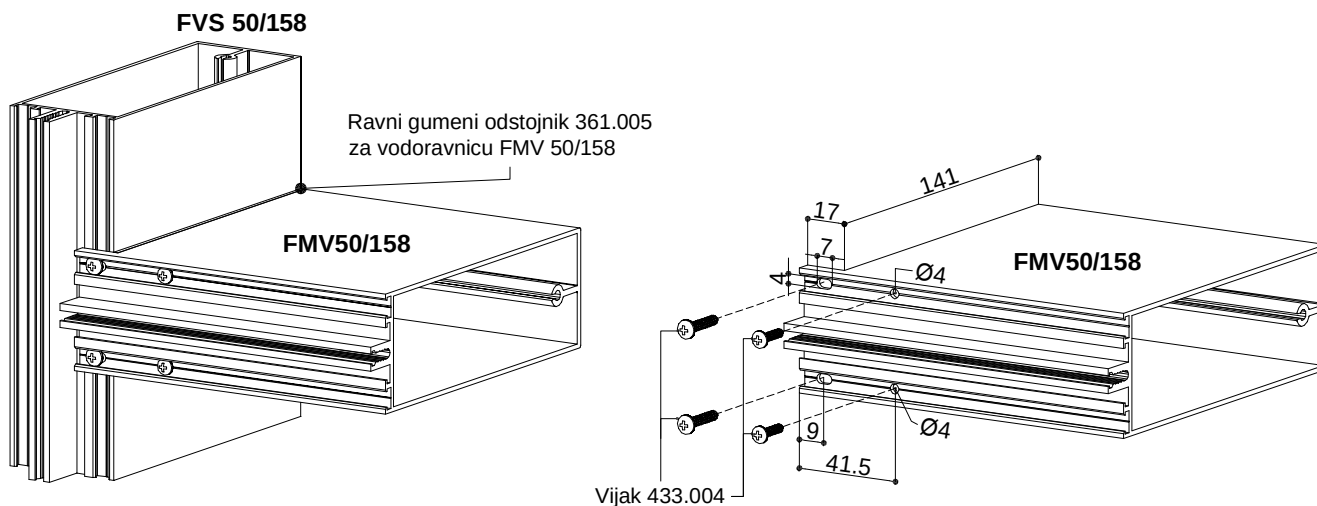
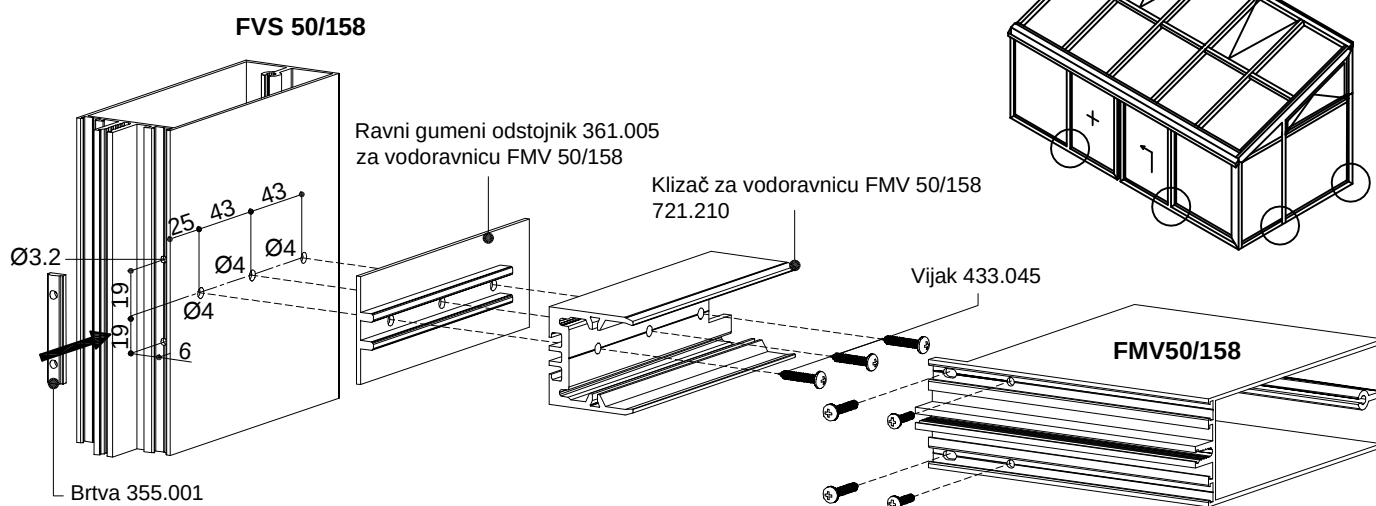
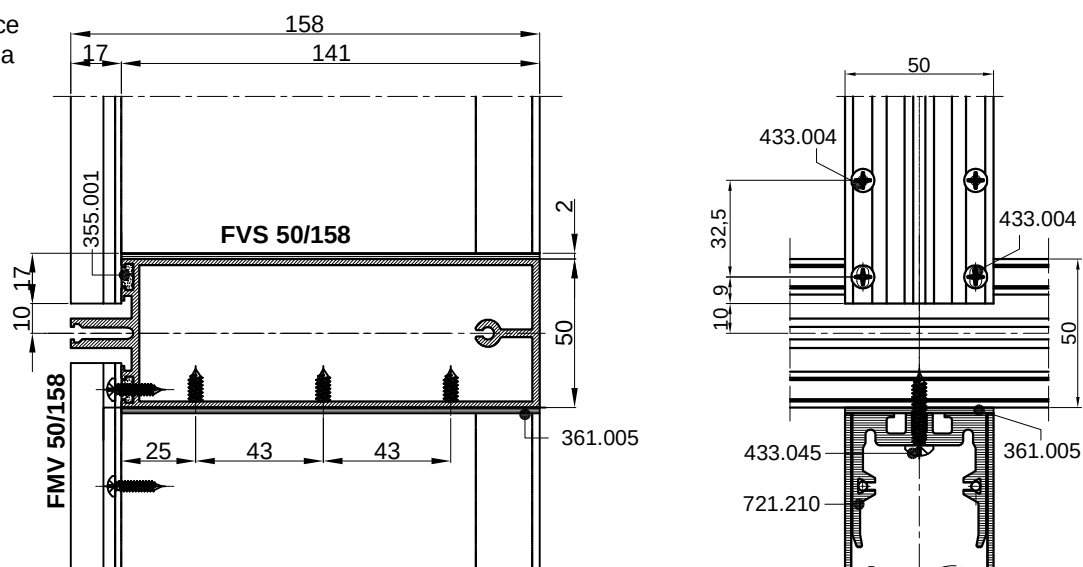
|                              |                |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |  |
|------------------------------|----------------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|--|
| Nagib profila<br>FOK 120/160 | $\alpha^\circ$ | 10 | 11   | 12 | 13   | 14 | 15   | 16 | 17   | 18 | 19   | 20 | 21   | 22 | 23   | 24 | 25   | 26 | 27   | 28 | 29   | 30 |  |
| Kut pilanja                  | $\beta^\circ$  | 40 | 39.5 | 39 | 38.5 | 38 | 37.5 | 37 | 36.5 | 36 | 35.5 | 35 | 34.5 | 34 | 33.5 | 33 | 32.5 | 32 | 31.5 | 31 | 30.5 | 30 |  |



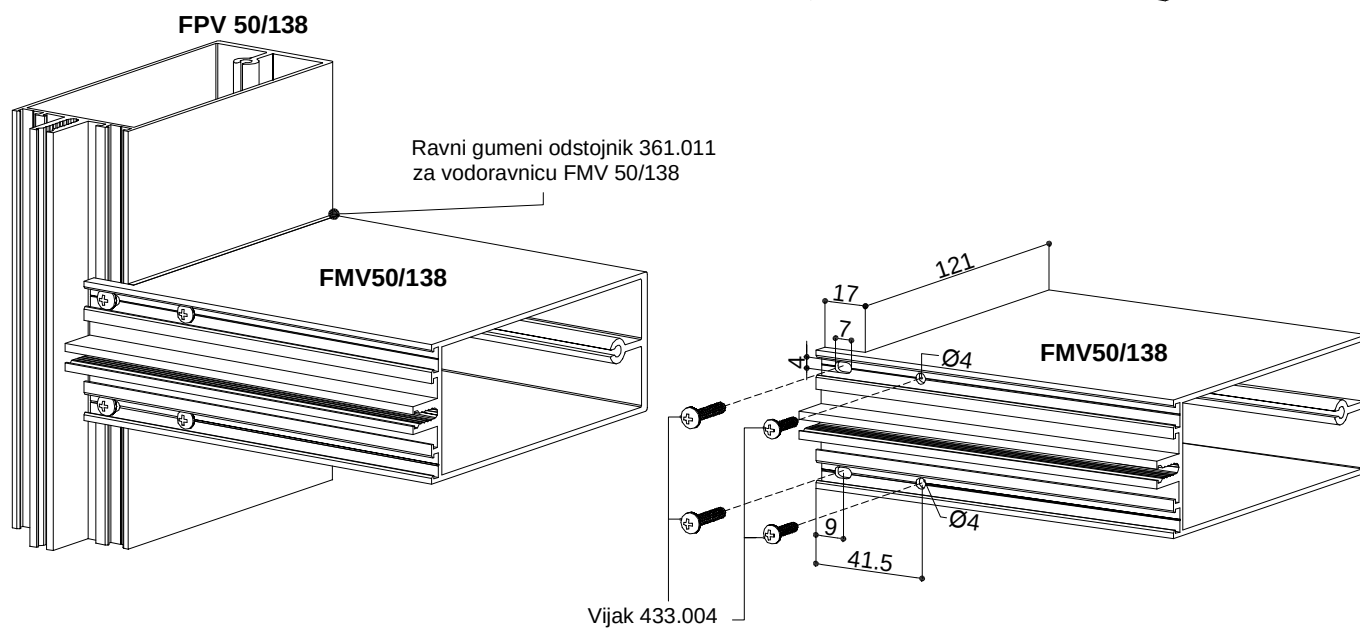
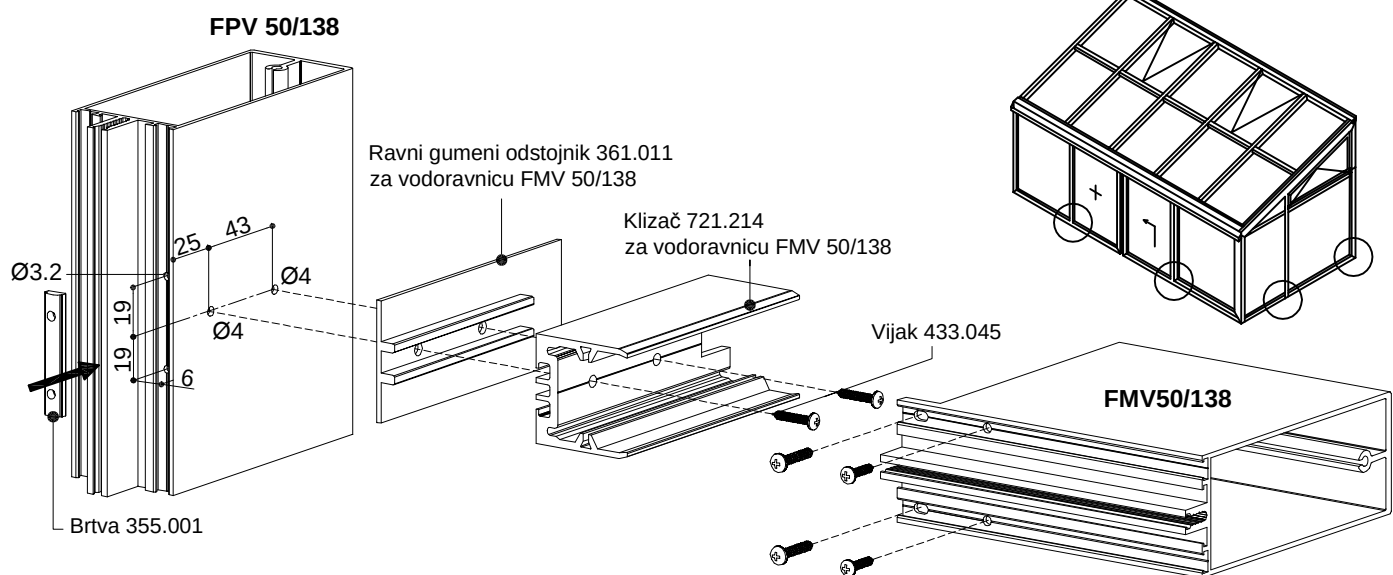
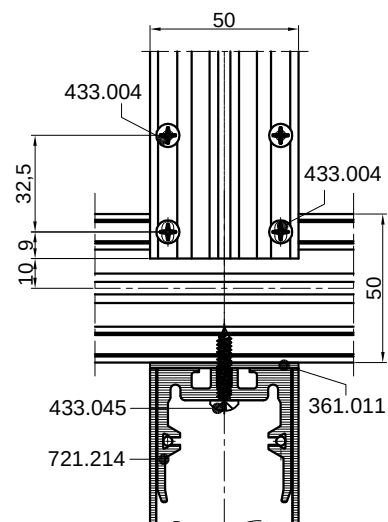
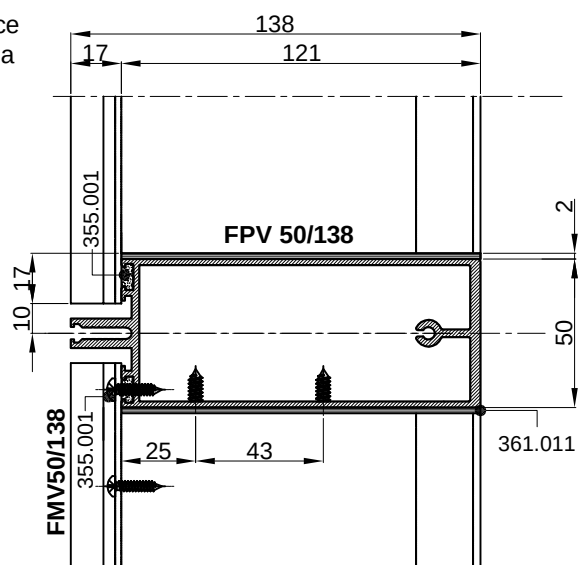
Spoj vodoravnice F-VZ-001 sa  
profilom FOK 120/160



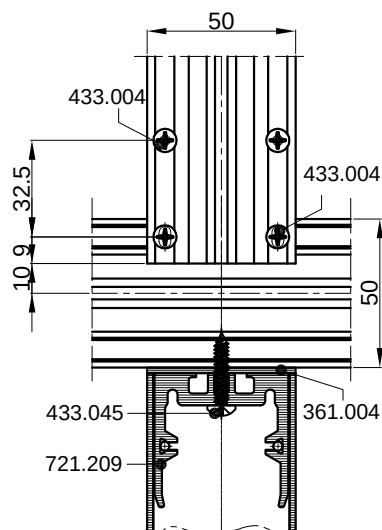
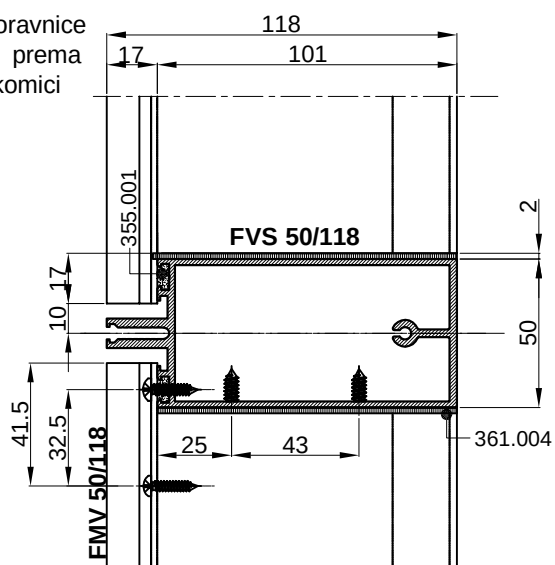
Obrada vodoravnice  
FMV 50/158 prema  
pomoćnoj okomici  
FVS 50/158



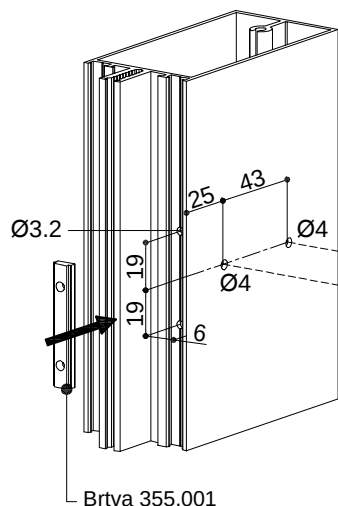
Obrada vodoravnice  
FMV 50/138 prema  
pomoćnoj okomici  
FPV 50/138



Obrada vodoravnice  
FMV 50/118 prema  
pomoćnoj okomici  
FVS 50/118



**FVS 50/118**

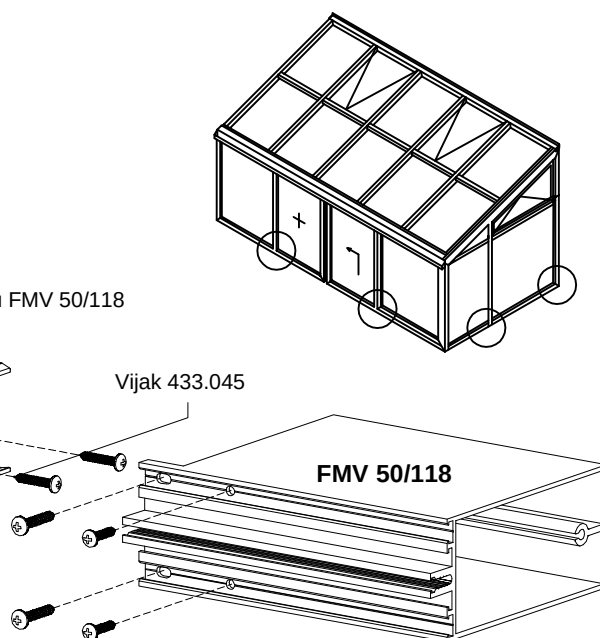


Ravni gumeni odstopnik 361.004  
za vodoravnicu FMV 50/118

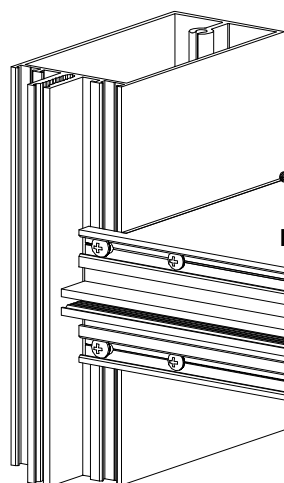
Klizač 721.209  
za vodoravnicu FMV 50/118

Vijak 433.045

**FMV 50/118**

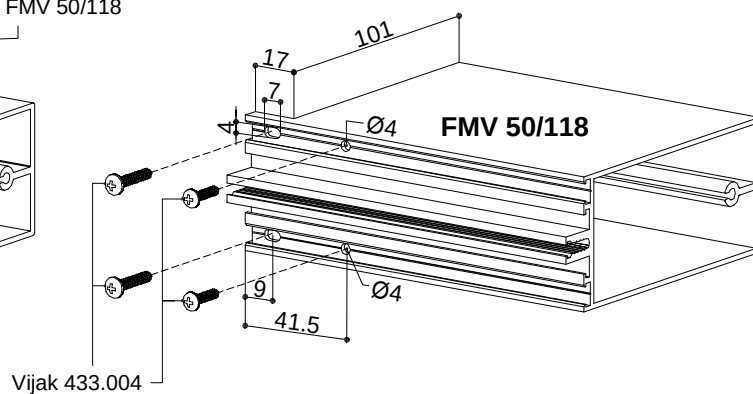


**FVS 50/118**



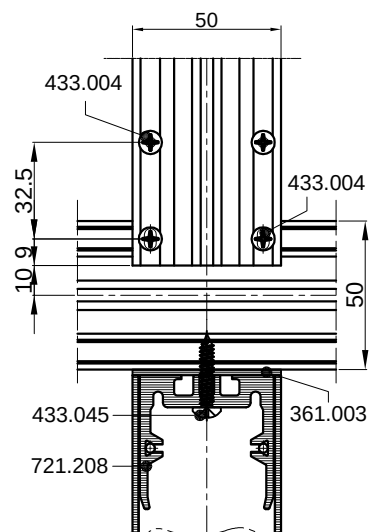
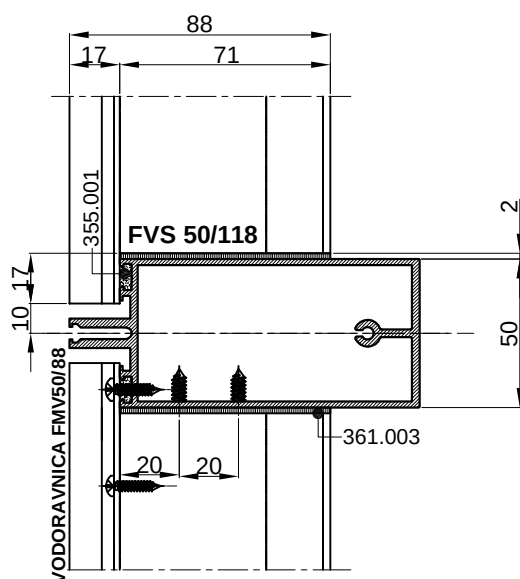
Ravni gumeni odstopnik 361.004  
za vodoravnicu FMV 50/118

**FMV 50/118**

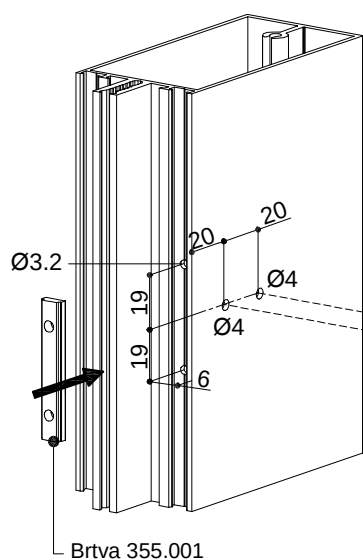


Vijak 433.004

Obrada vodoravnice  
FMV 50/88 prema  
pomoćnoj okomici  
FVS 50/118



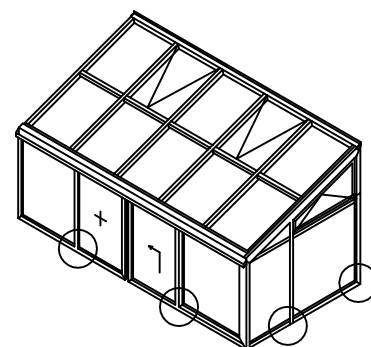
### FVS 50/118



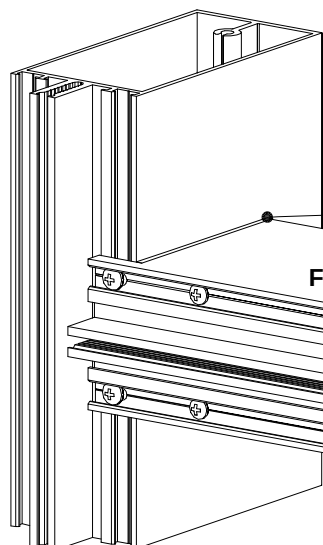
Ravni gumeni odstopnik 361.003  
za vodoravnicu FMV 50/88

Klizač 721.208  
za vodoravnicu FMV 50/88

Vijak 433.045

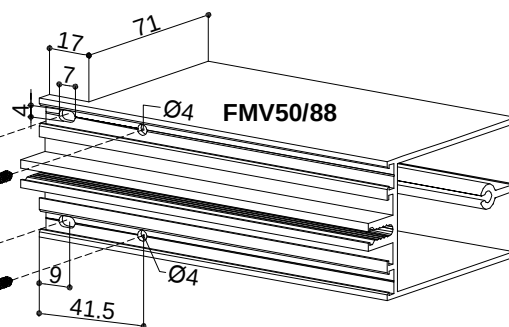


### FVS 50/118

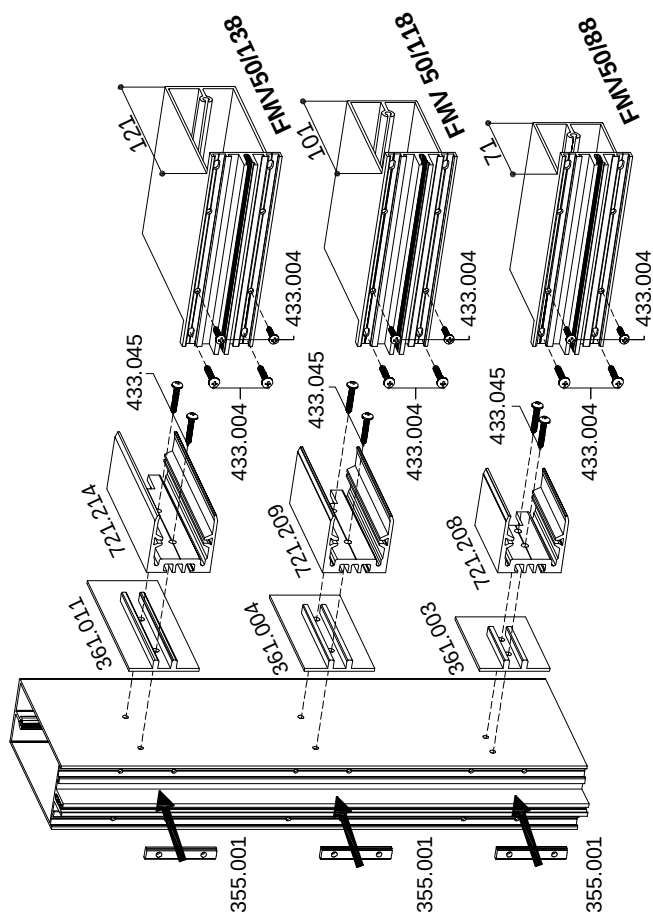


Ravni gumeni odstopnik 361.003  
za vodoravnicu FMV 50/88

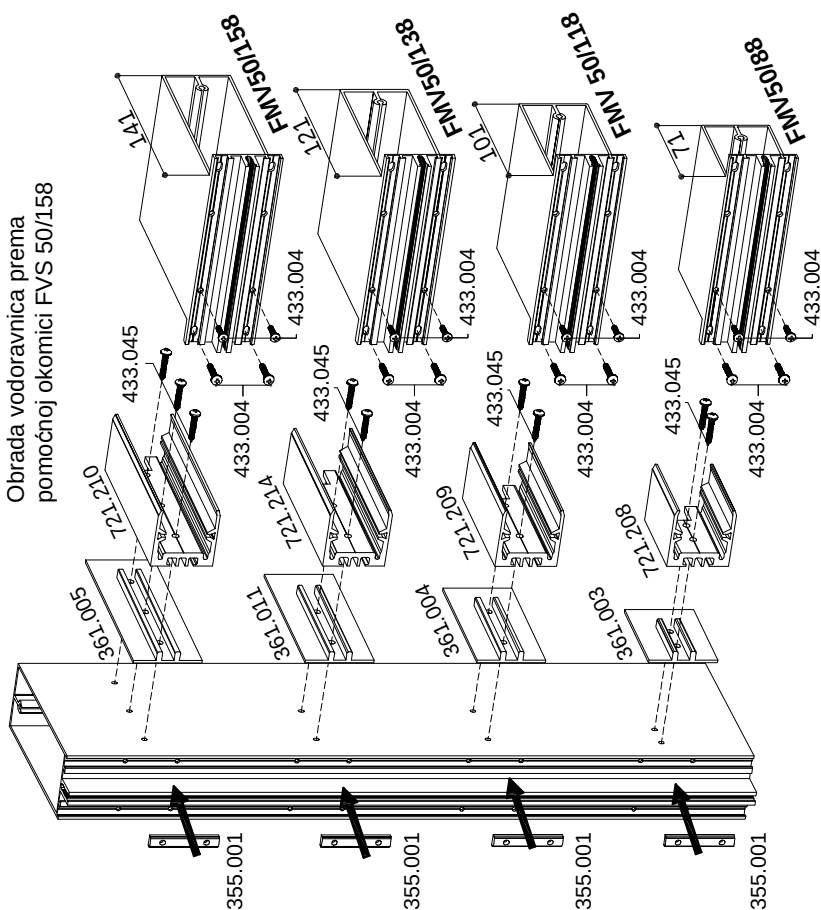
Vijak 433.004



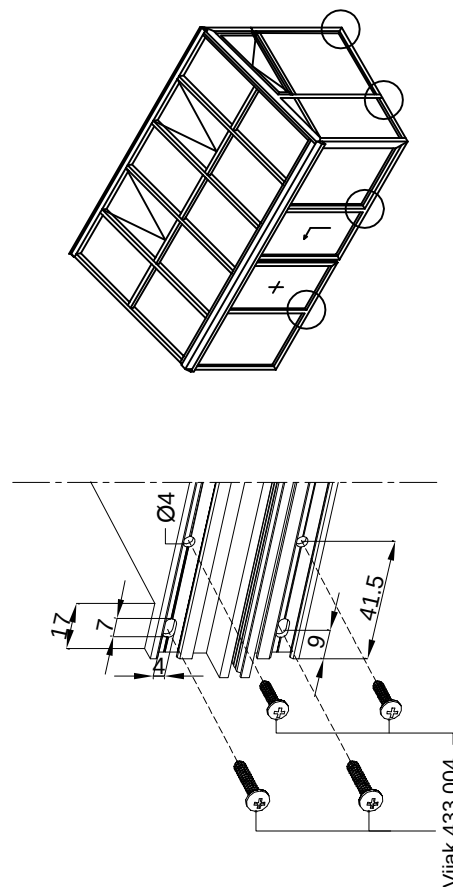
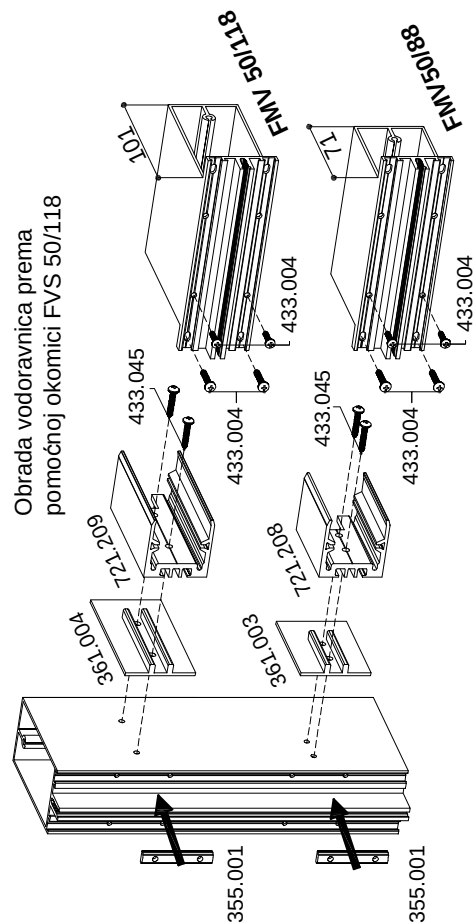
Obrada vodoravnica prema pomoćnoj okomici FPV 50/138



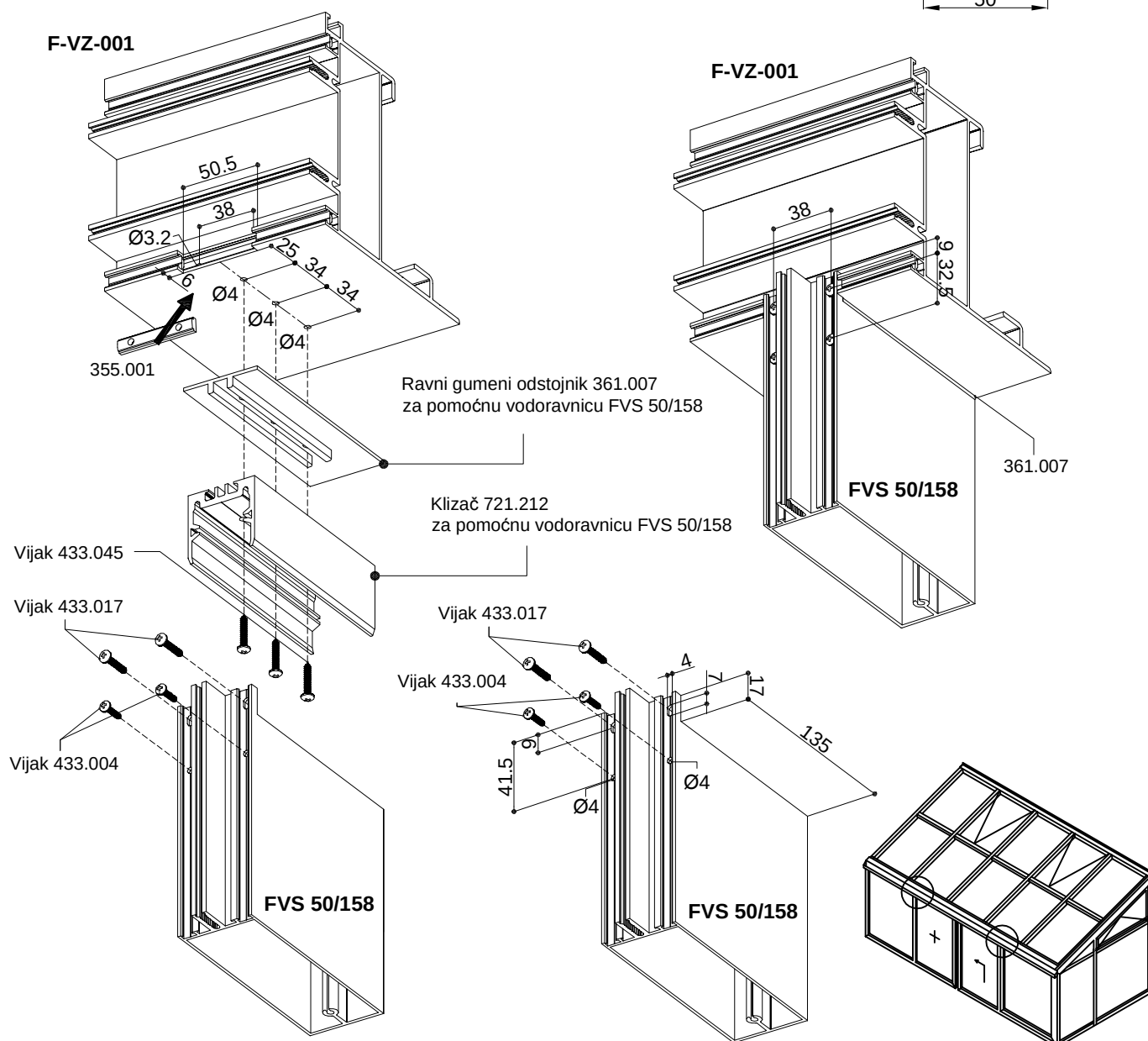
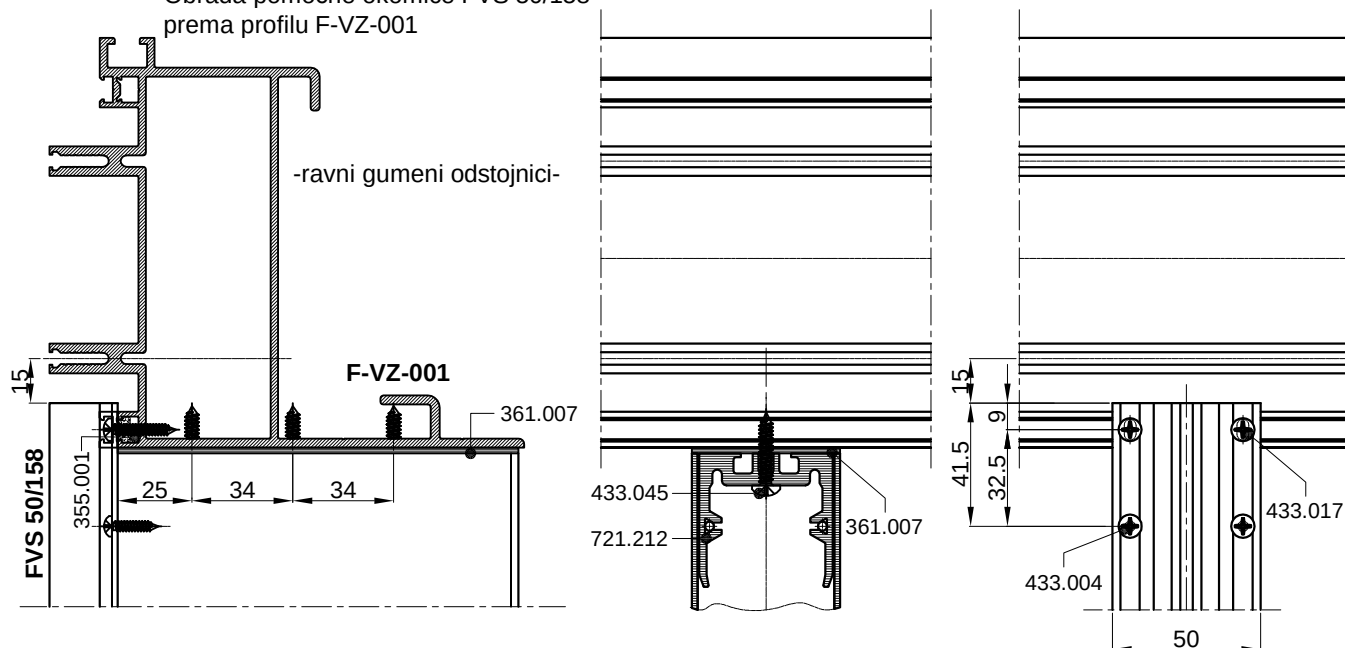
Obrada vodoravnica prema pomoćnoj okomici FVS 50/158



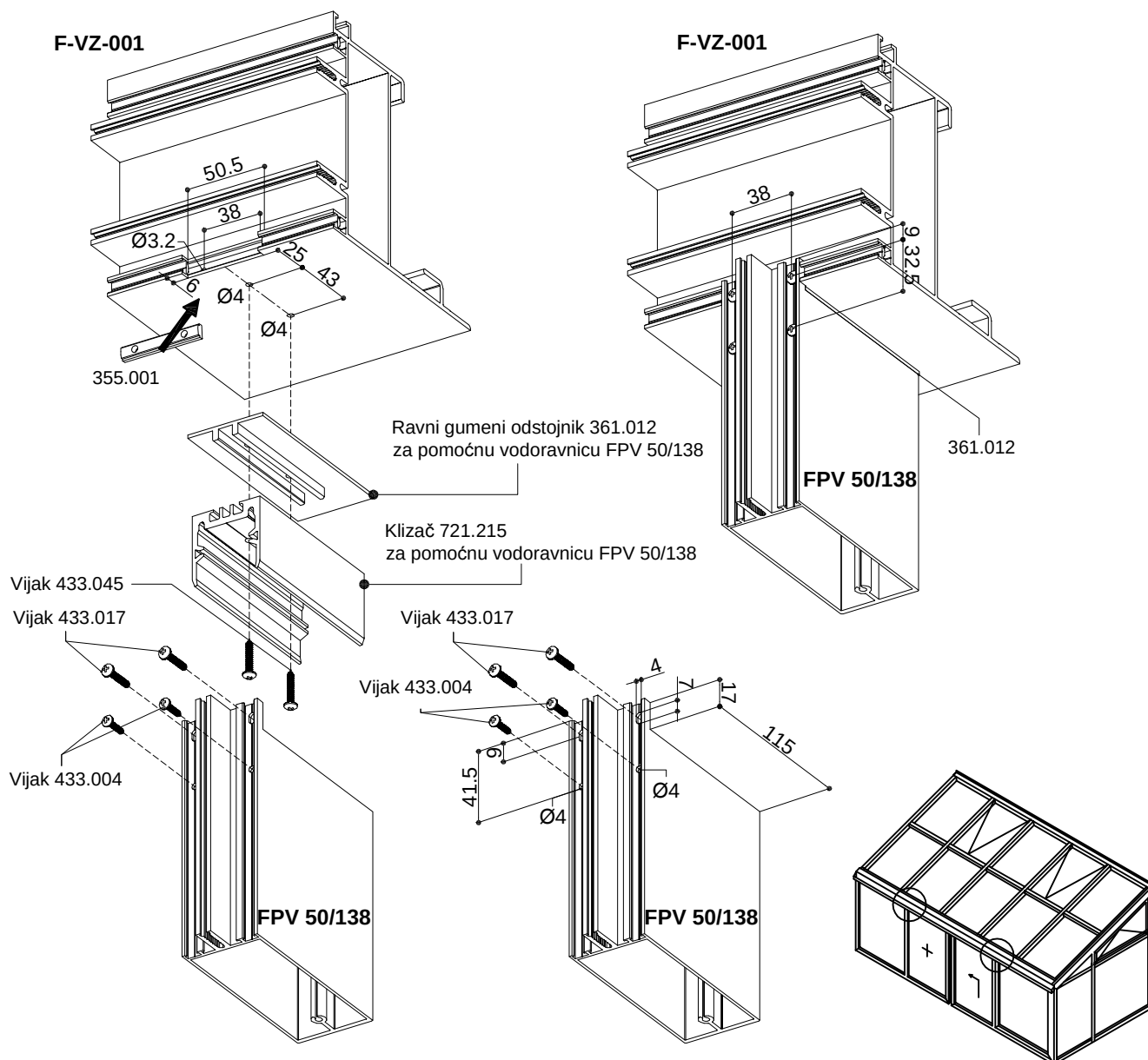
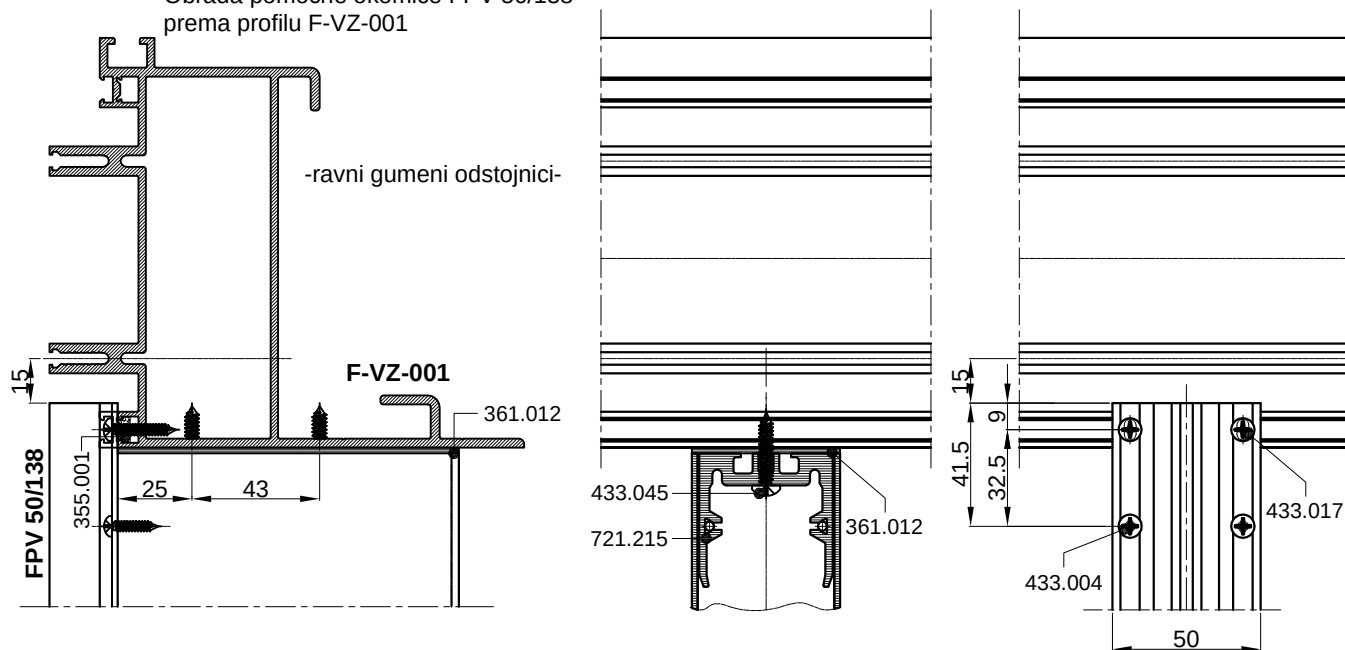
Obrada vodoravnica prema pomoćnoj okomici FVS 50/118



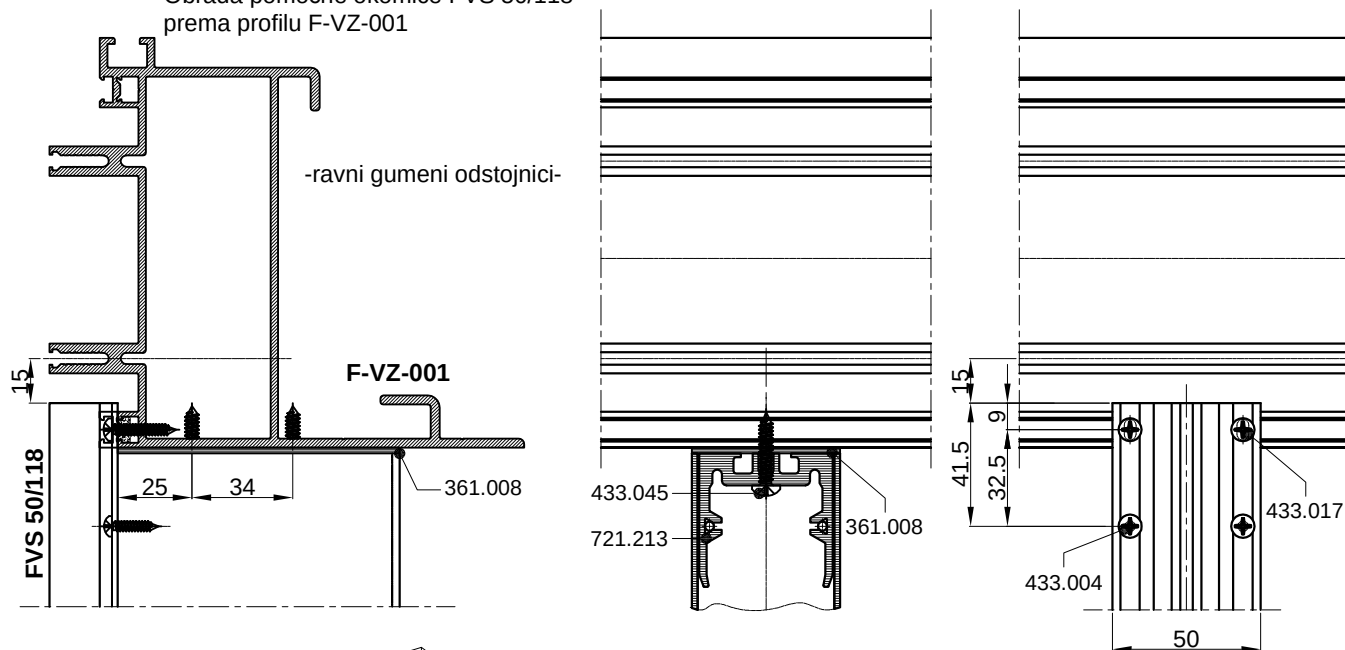
Obrada pomoćne okomice FVS 50/158  
prema profilu F-VZ-001



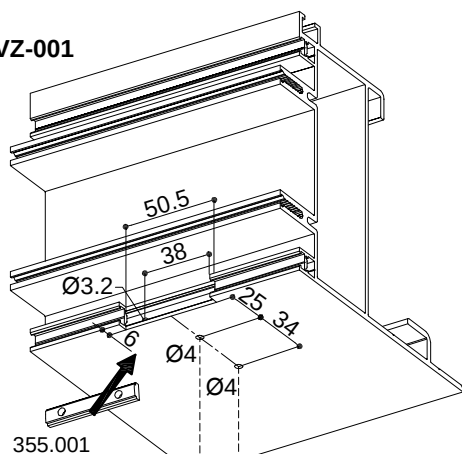
Obrada pomoćne okomice FPV 50/138  
prema profilu F-VZ-001



Obrada pomoćne okomice FVS 50/118  
prema profilu F-VZ-001



F-VZ-001



Ravni gumeni odstoynik 361.008  
za pomoćnu vodoravnicu FVS 50/118

Klizač 721.213  
za pomoćnu vodoravnicu FPV 50/118

Vijak 433.045

Vijak 433.017

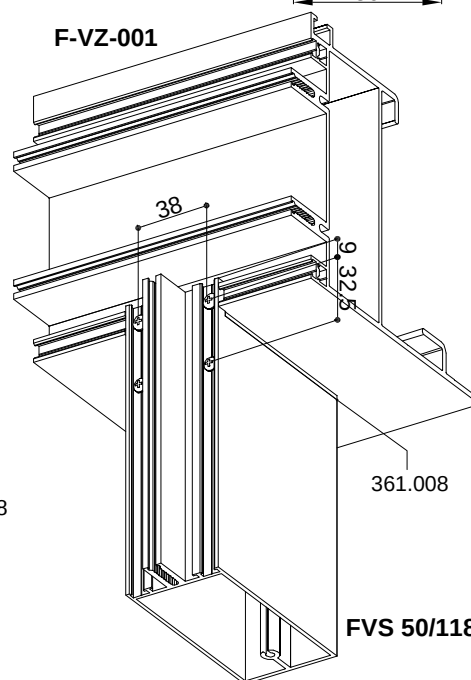
Vijak 433.004

Vijak 433.017

Vijak 433.004

FVS 50/118

F-VZ-001



Vijak 433.017

Vijak 433.004

41.5

9

Ø4

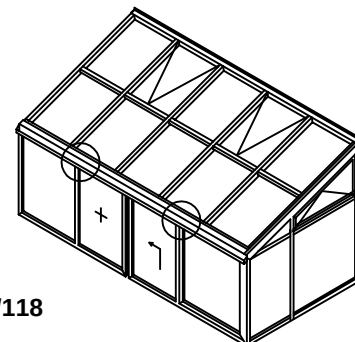
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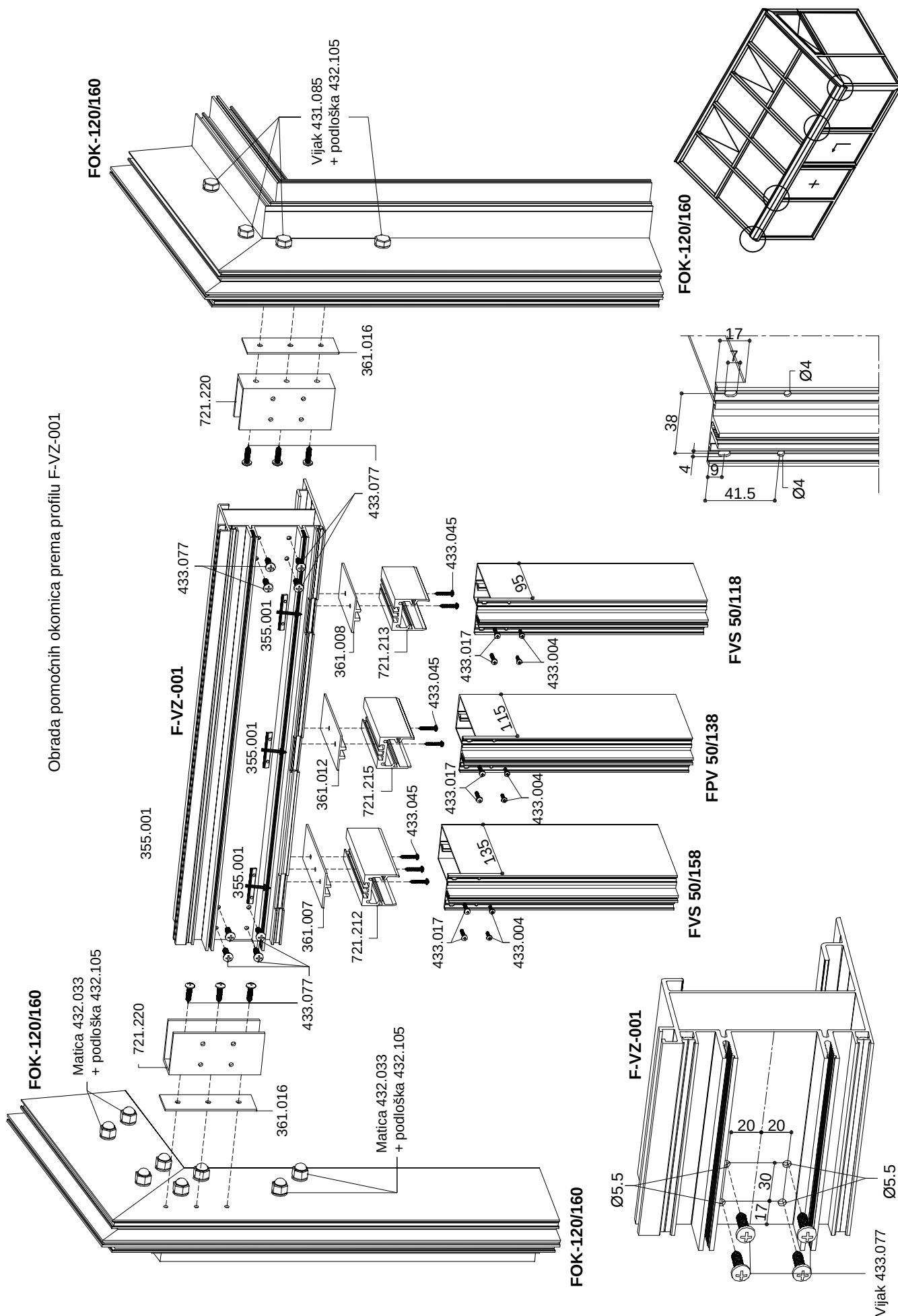
11

95

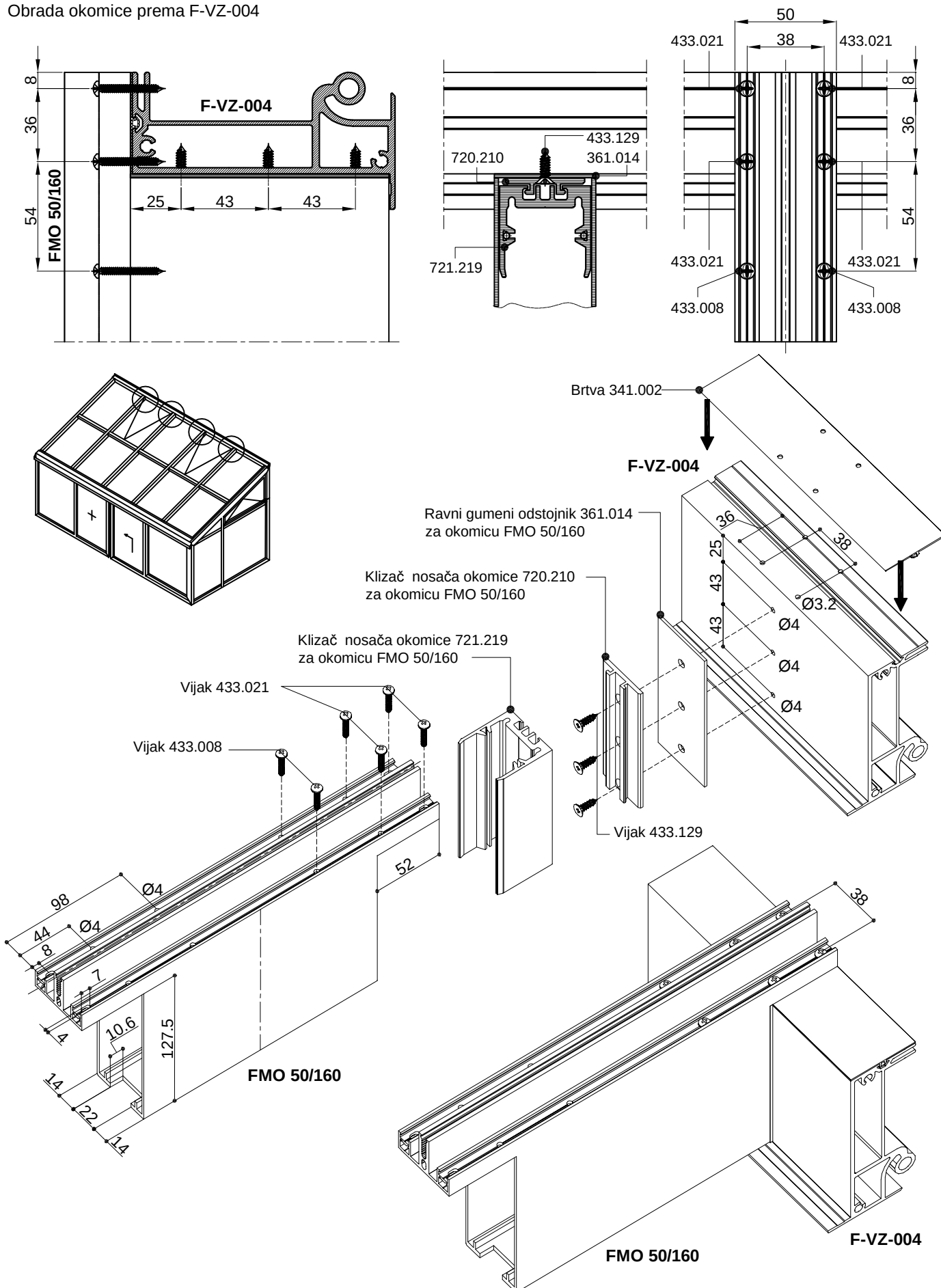
Ø4

FVS 50/118

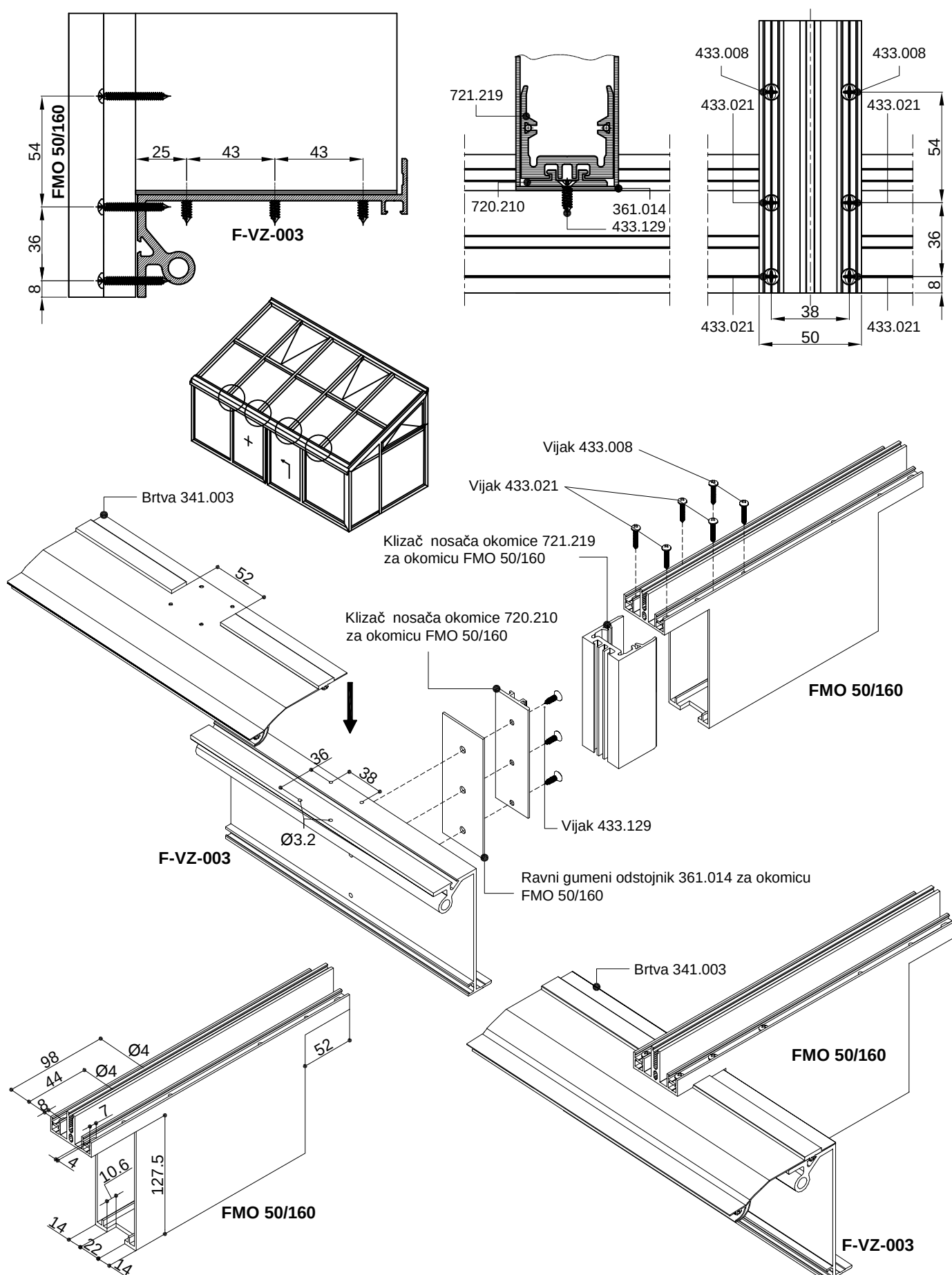


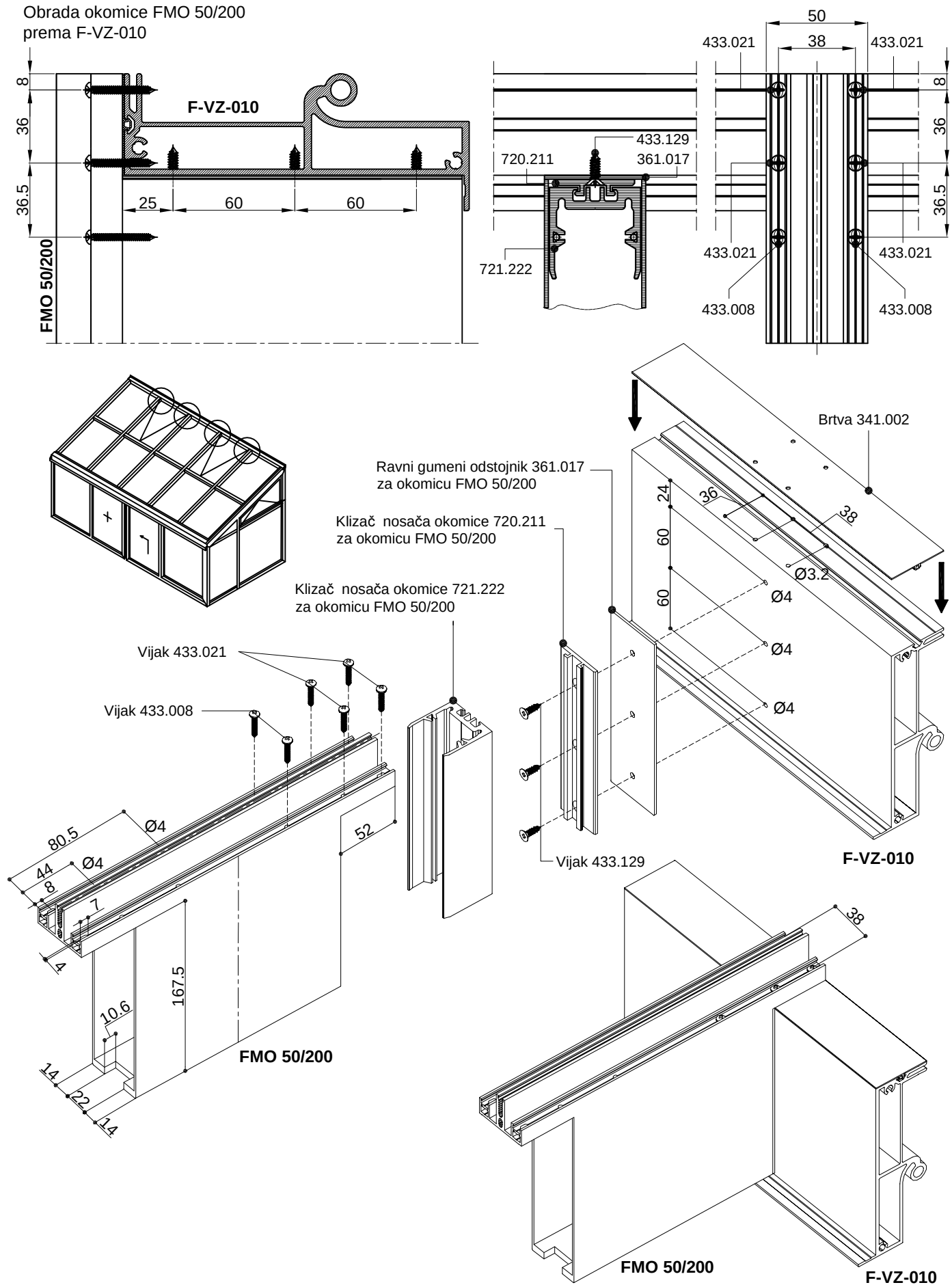


## Obrada okomice prema F-VZ-004

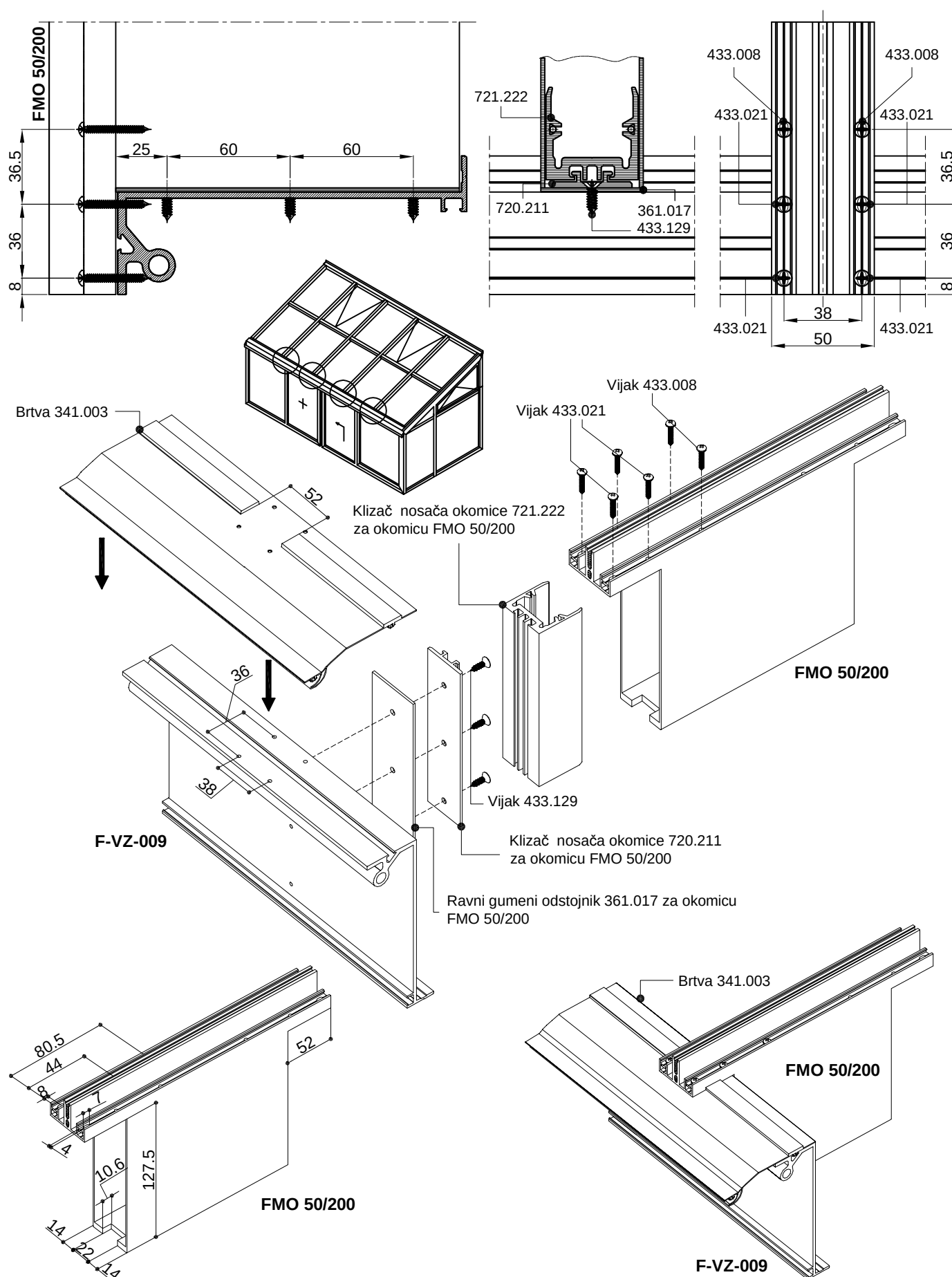


## Obrada okomice prema F-VZ-003

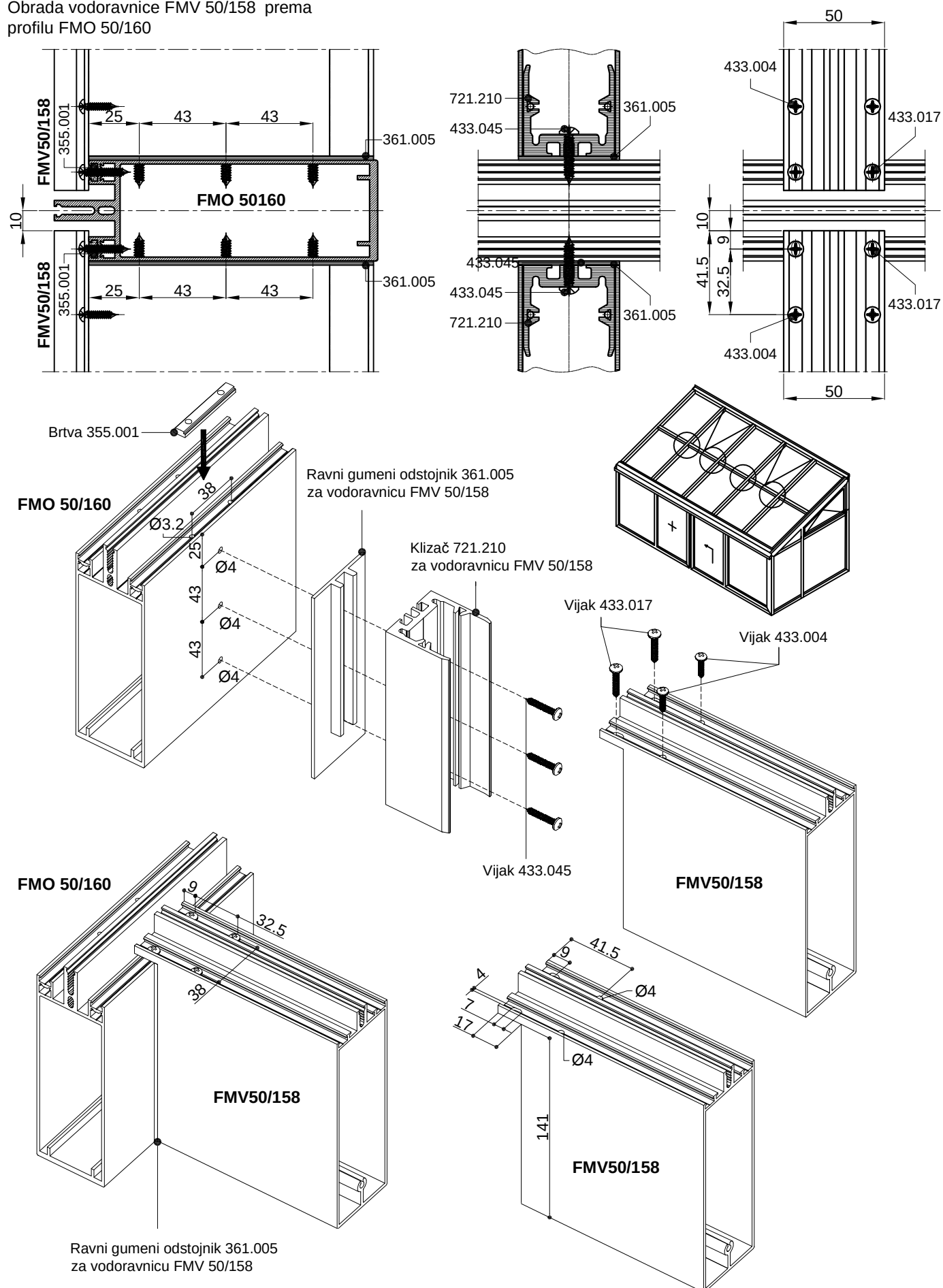


Obrada okomice FMO 50/200  
prema F-VZ-010


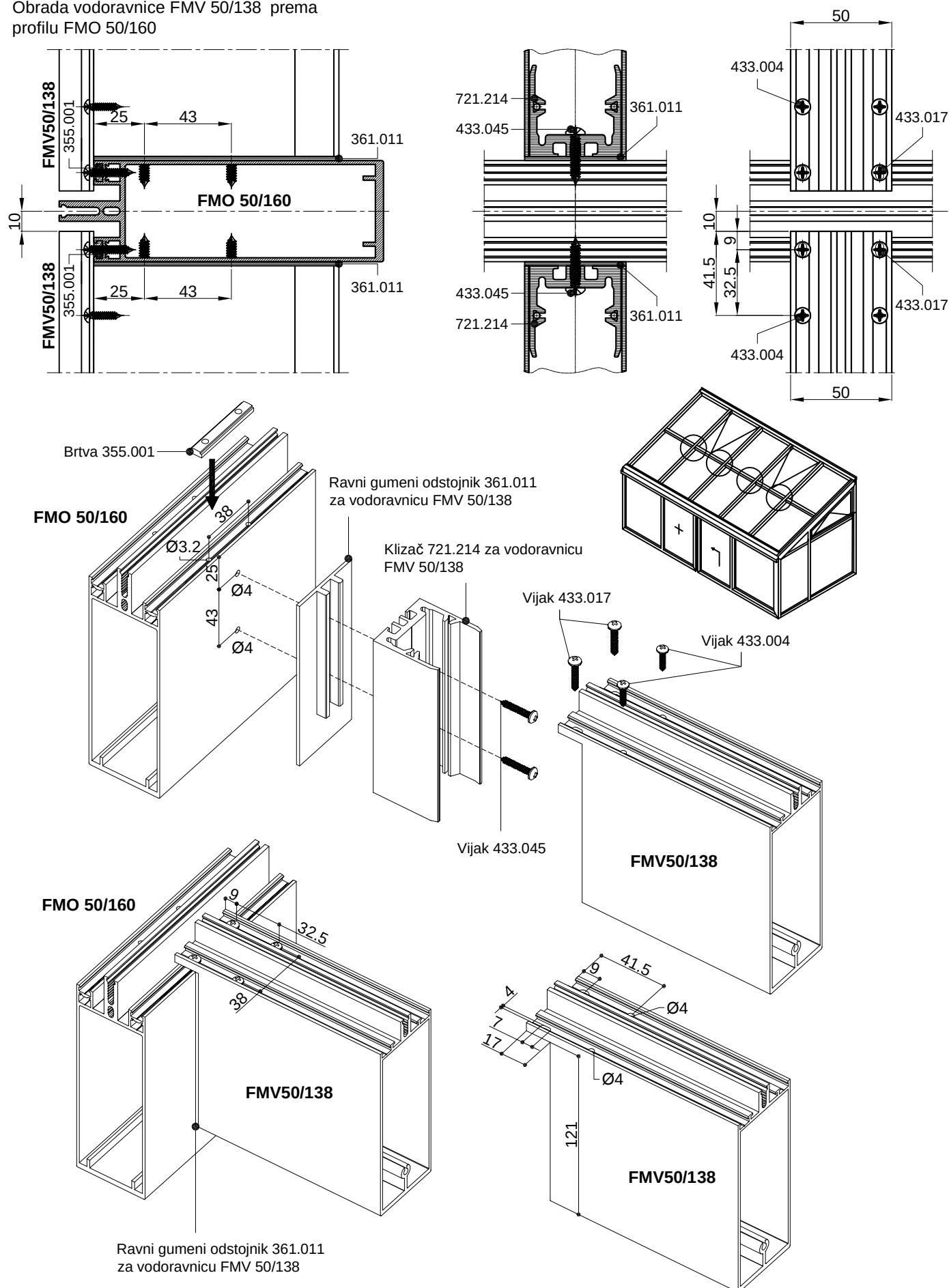
## Obrada okomice prema F-VZ-009



Obrada vodoravnice FMV 50/158 prema profilu FMO 50/160

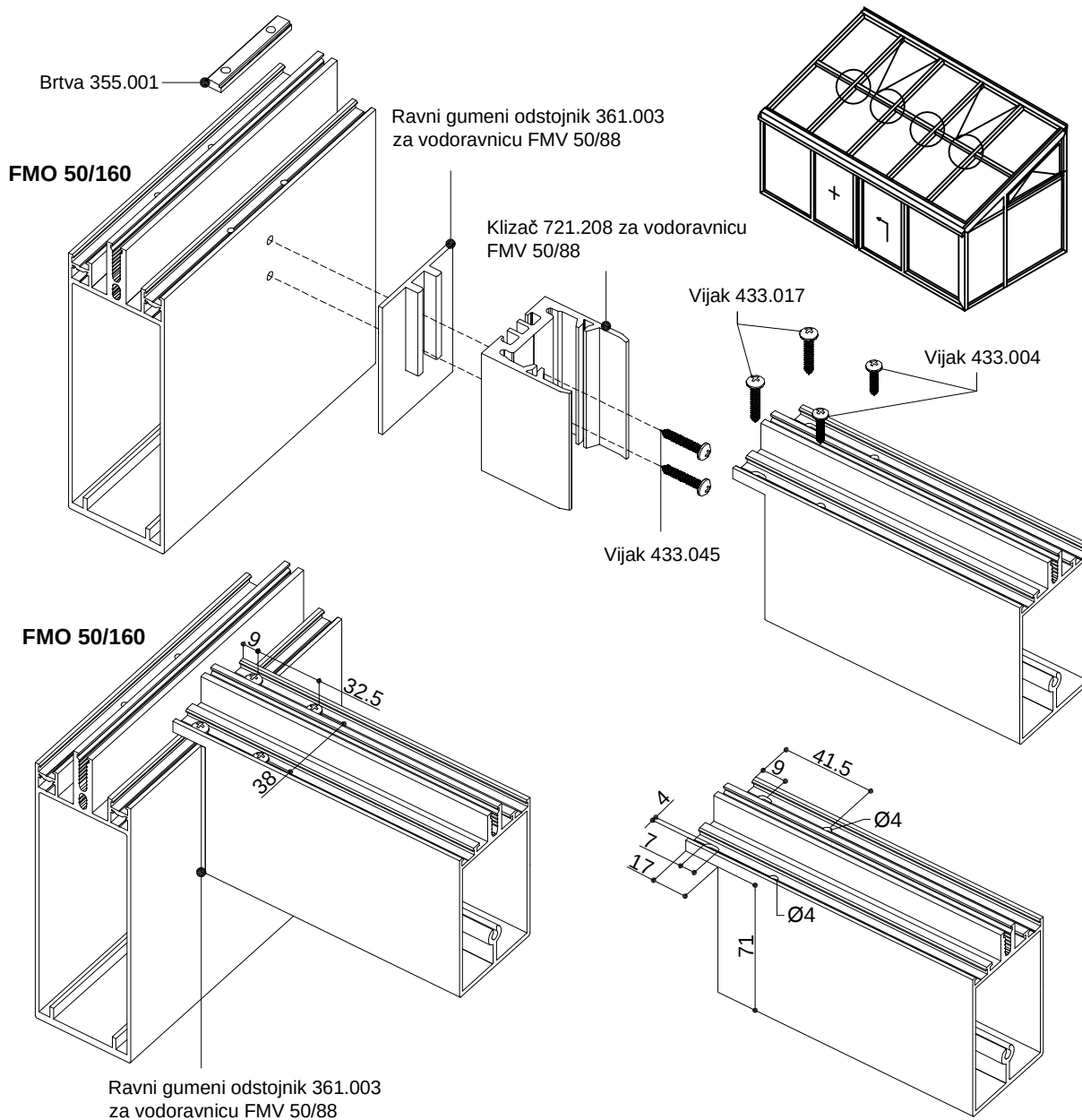
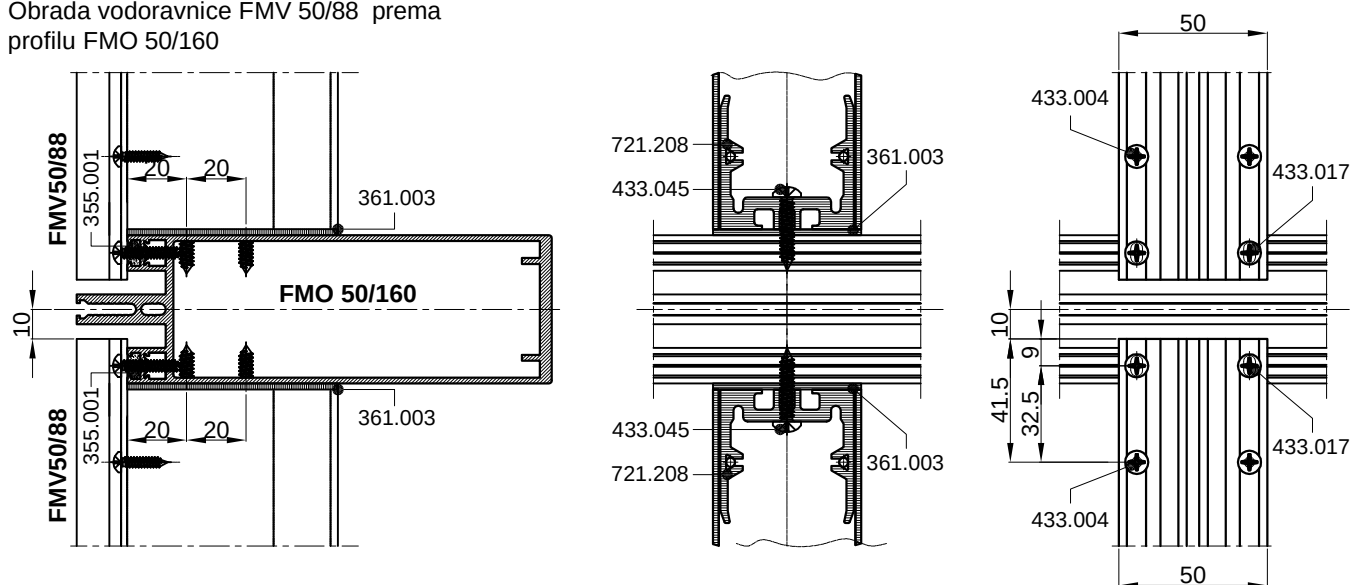


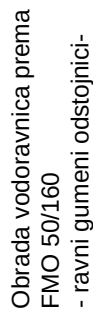
Obrada vodoravnice FMV 50/138 prema profilu FMO 50/160





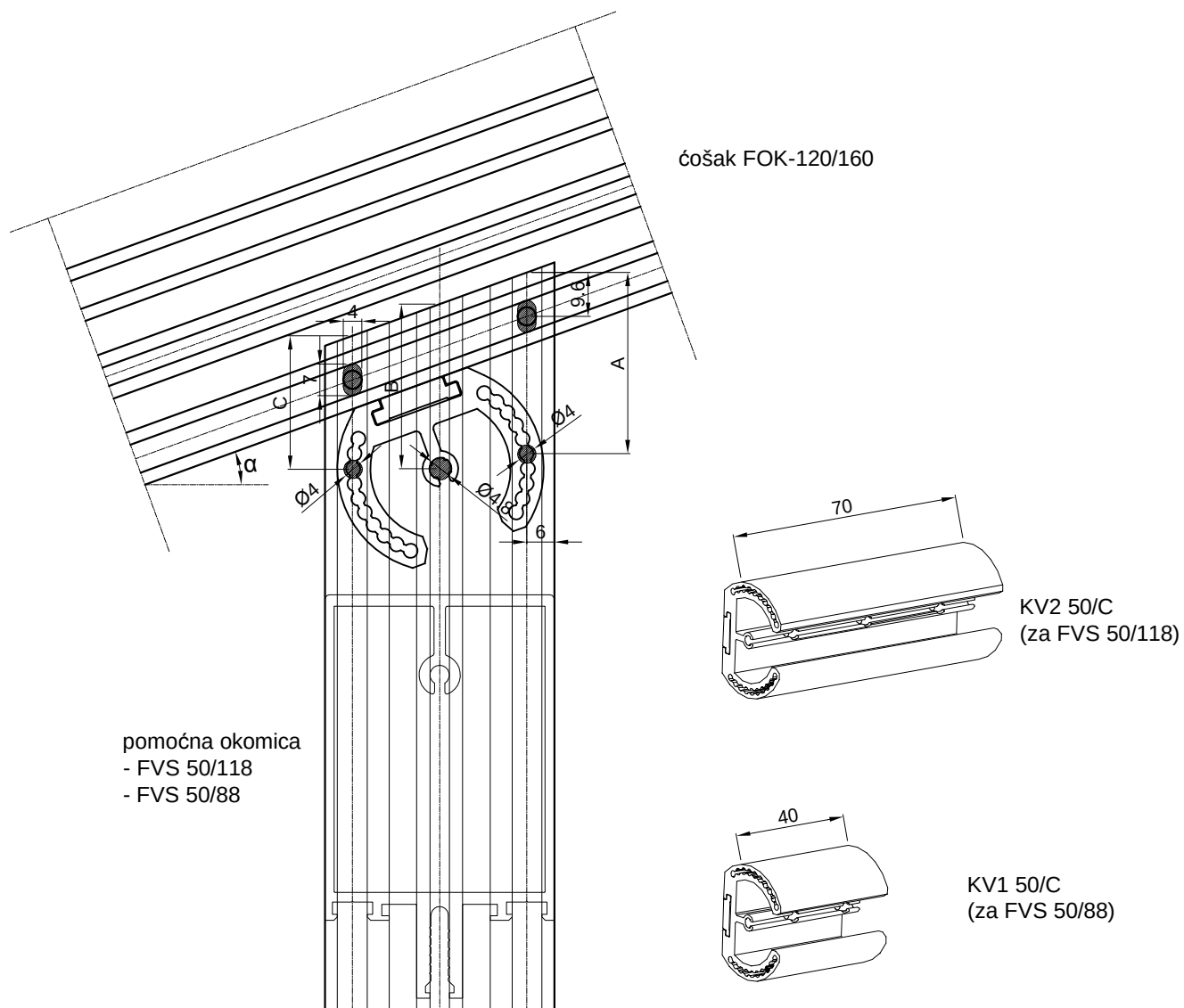
Obrada vodoravnice FMV 50/88 prema profilu FMO 50/160





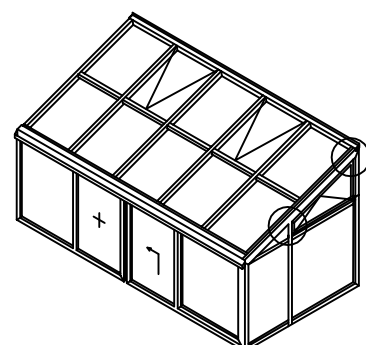
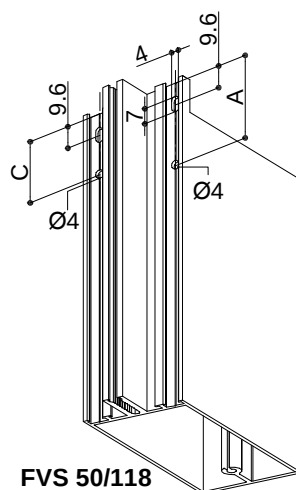
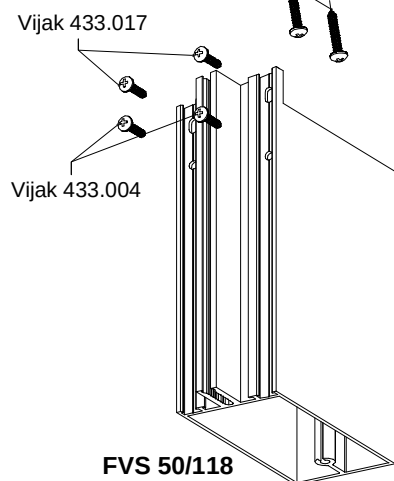
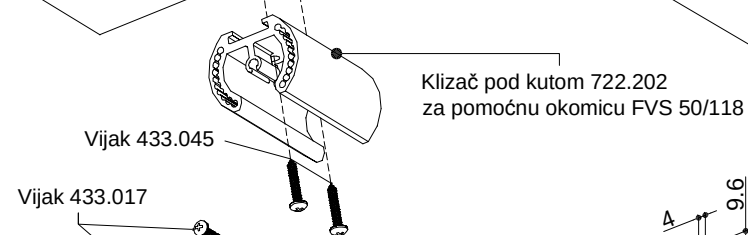
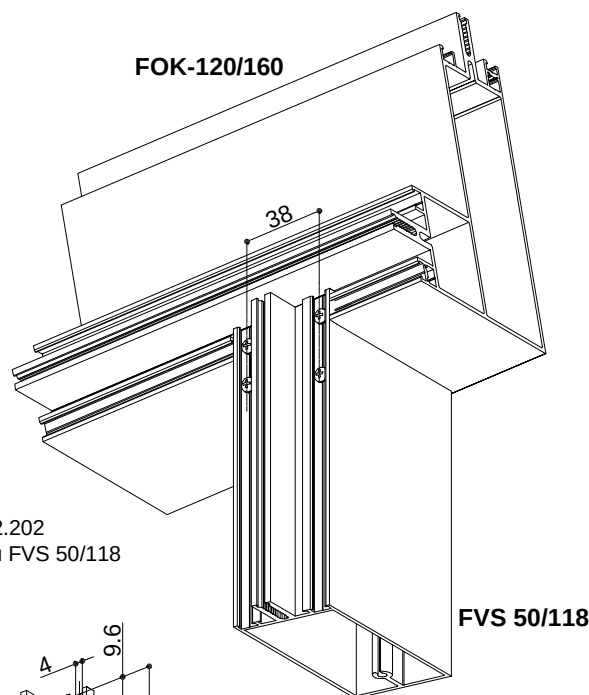
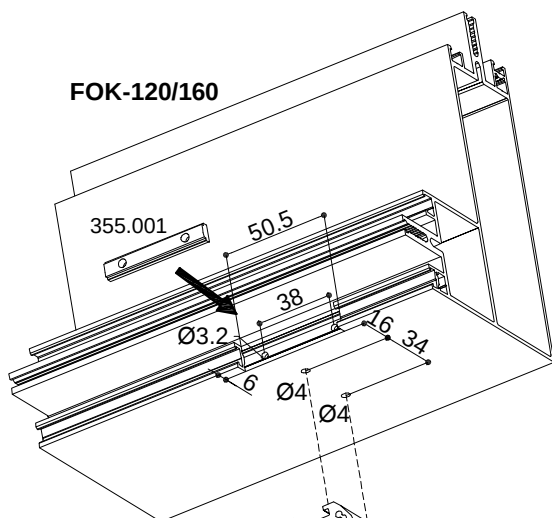
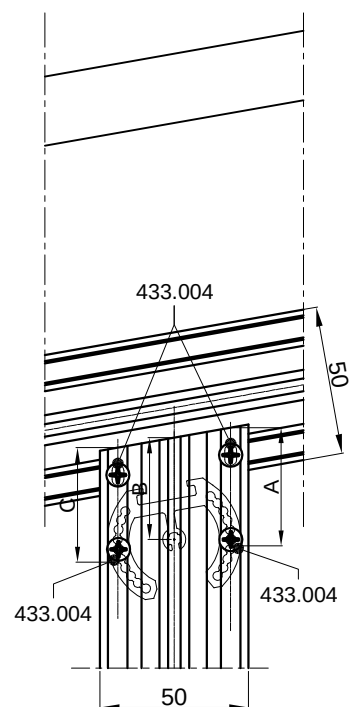
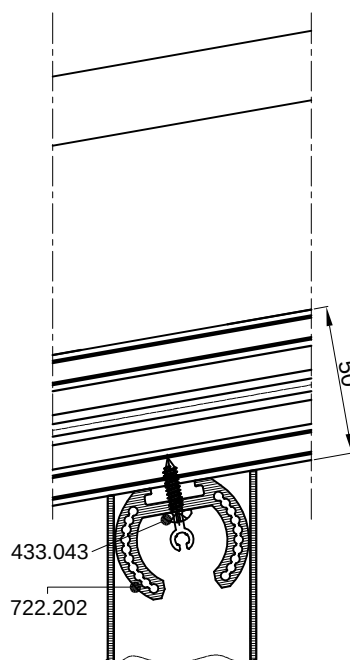
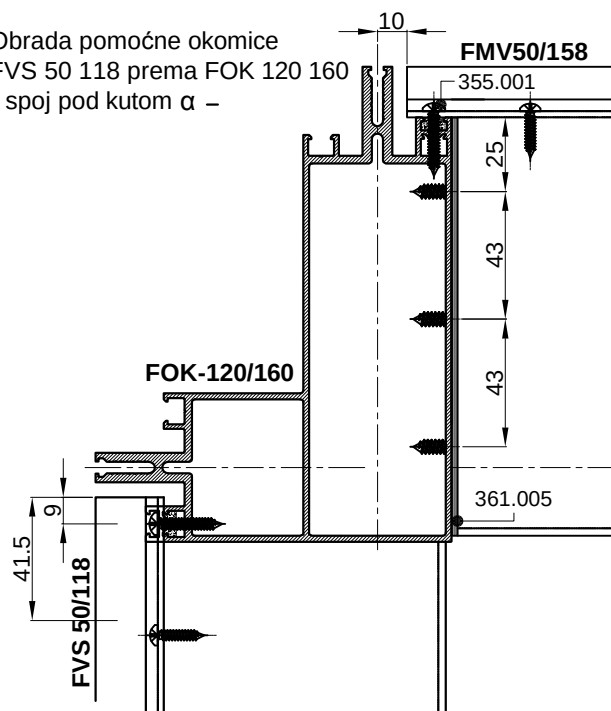
| Vodoravnica | Mjera zapilavanja X |
|-------------|---------------------|
| FMV 50/32   | 15.5                |
| FMV50/88    | 71                  |
| FMV 50/118  | 101                 |
| FMV 50/138  | 121                 |
| FMV 50/158  | 141                 |

## SPOJNICA POD KUTEM ČOŠKA FOK 120/160 I POMOČNE OKOMICE

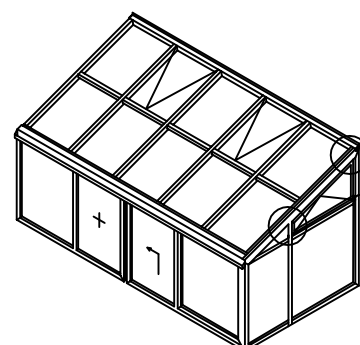
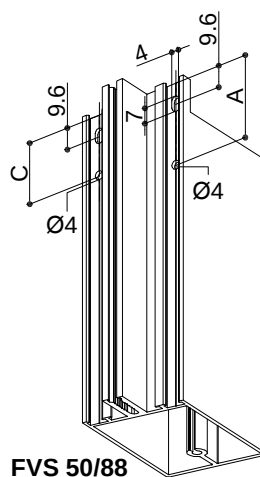
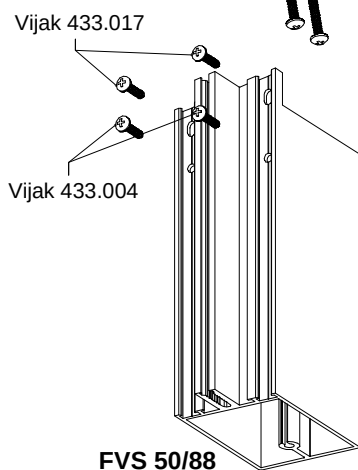
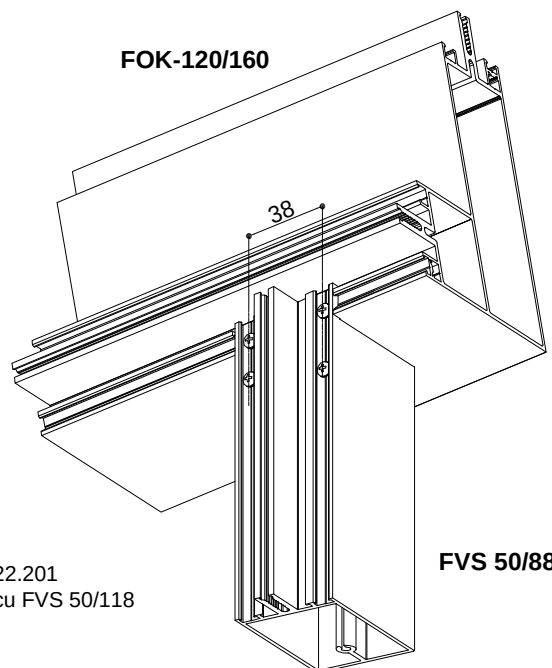
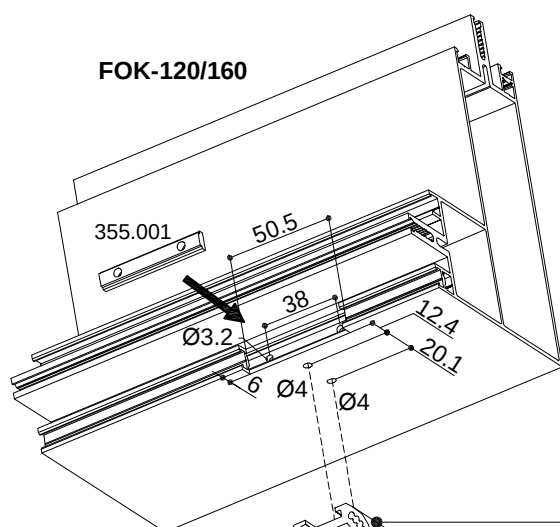
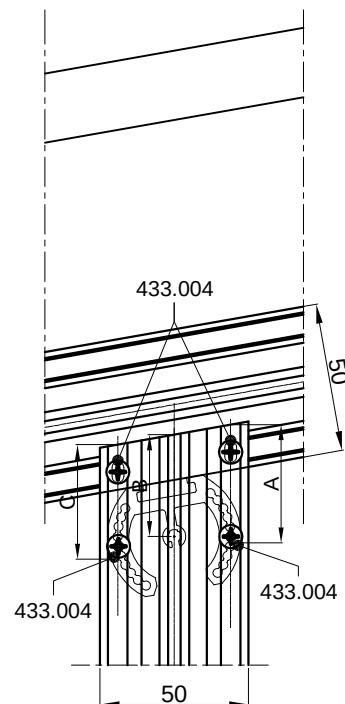
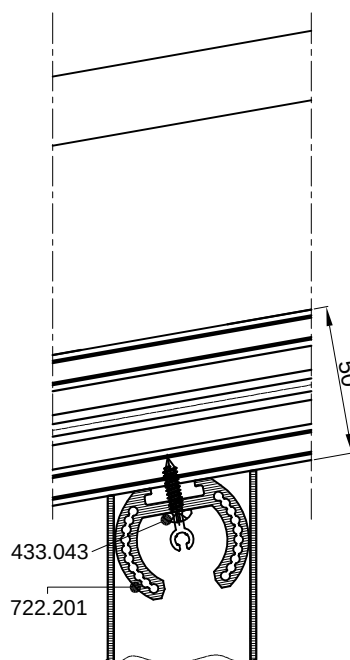
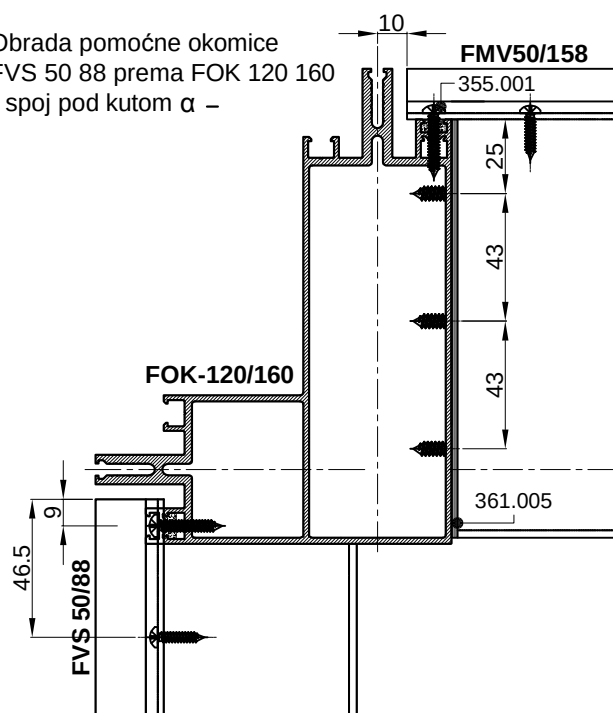


| $\alpha^\circ$ | A (mm) | B (mm) | C (mm) |
|----------------|--------|--------|--------|
| 10             | 37.7   | 34.3   | 27.8   |
| 15             | 38.5   | 35.0   | 28.2   |
| 20             | 39.5   | 36.0   | 29.1   |
| 25             | 44.5   | 37.3   | 30.2   |
| 30             | 50.0   | 39.0   | 28.0   |
| 35             | 52.9   | 41.2   | 29.6   |
| 40             | 60.0   | 44.1   | 28.3   |
| 45             | 68.5   | 47.8   | 30.5   |

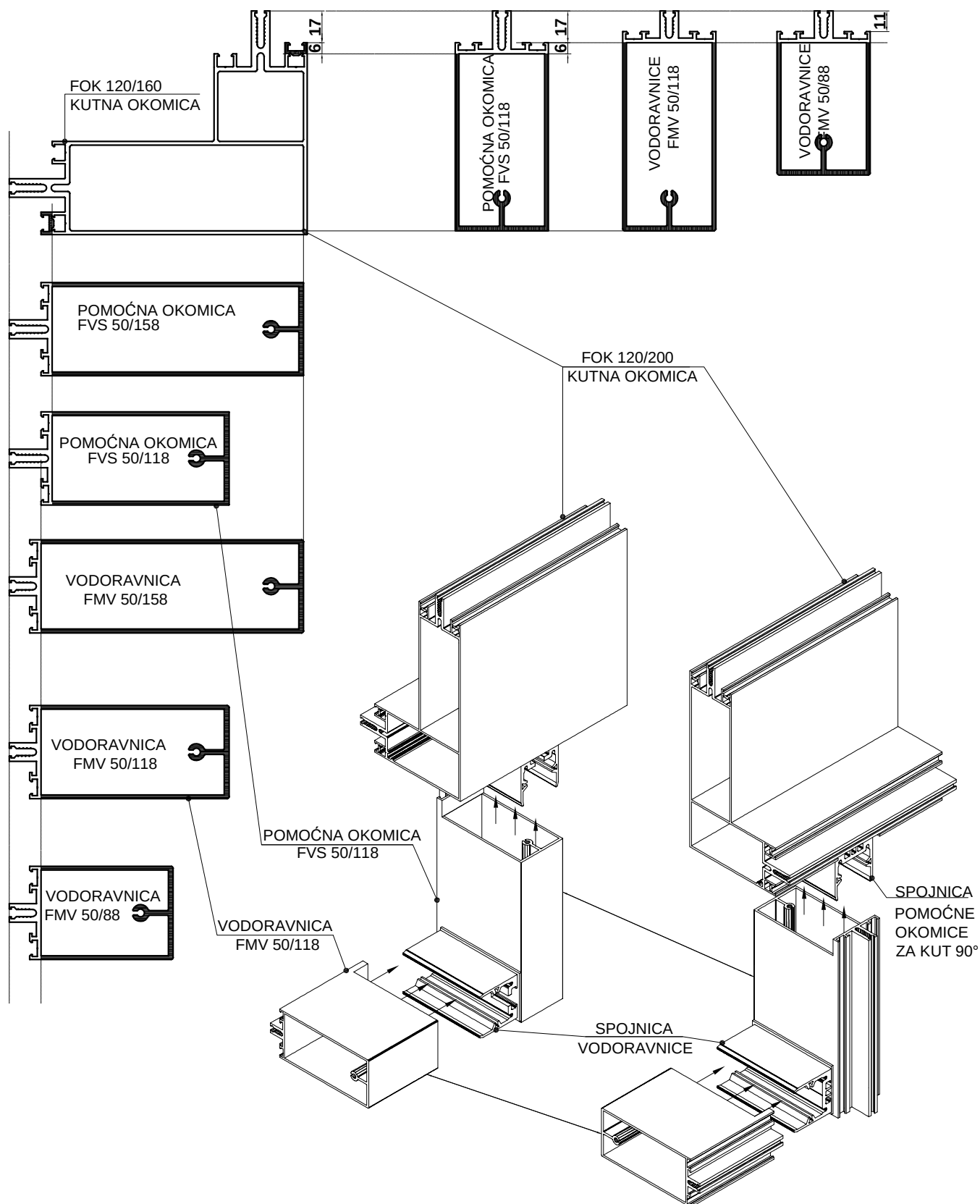
Obrada pomoćne okomice  
FVS 50 118 prema FOK 120 160  
- spoj pod kutom  $\alpha$  -



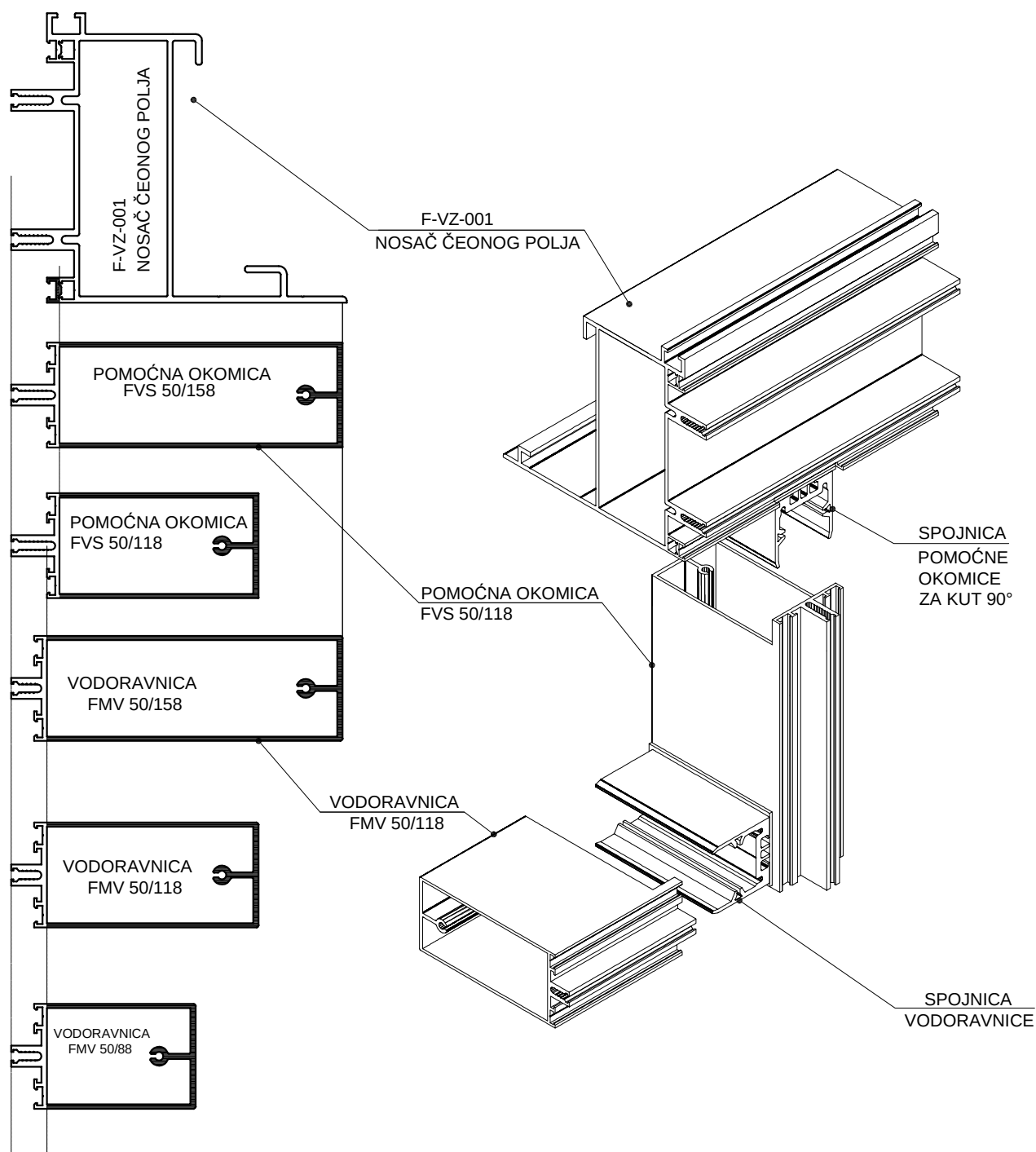
Obrada pomoćne okomice  
FVS 50/88 prema FOK 120/160  
- spoj pod kutom  $\alpha$  -



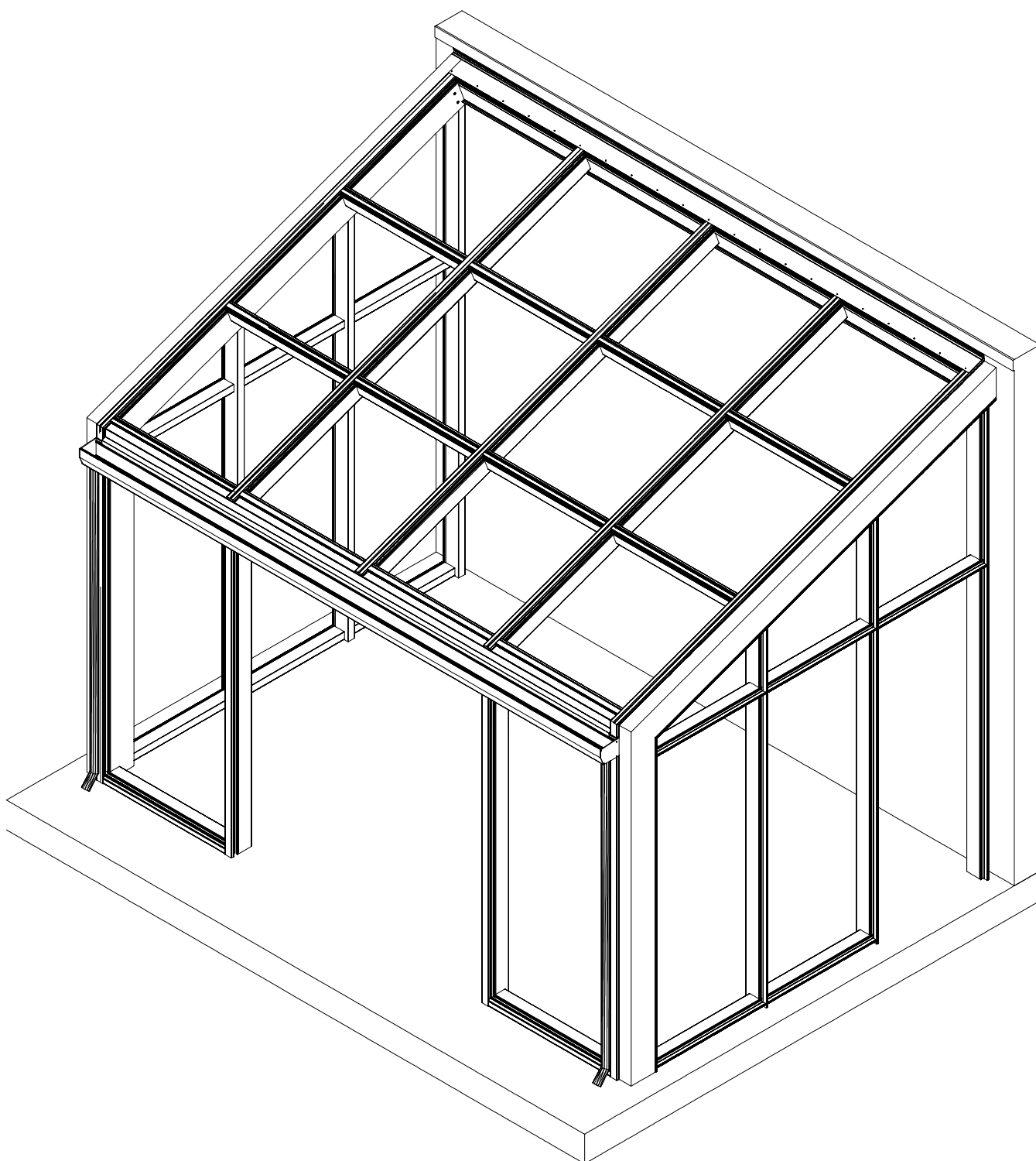
TRI NIVOJA OBRADE



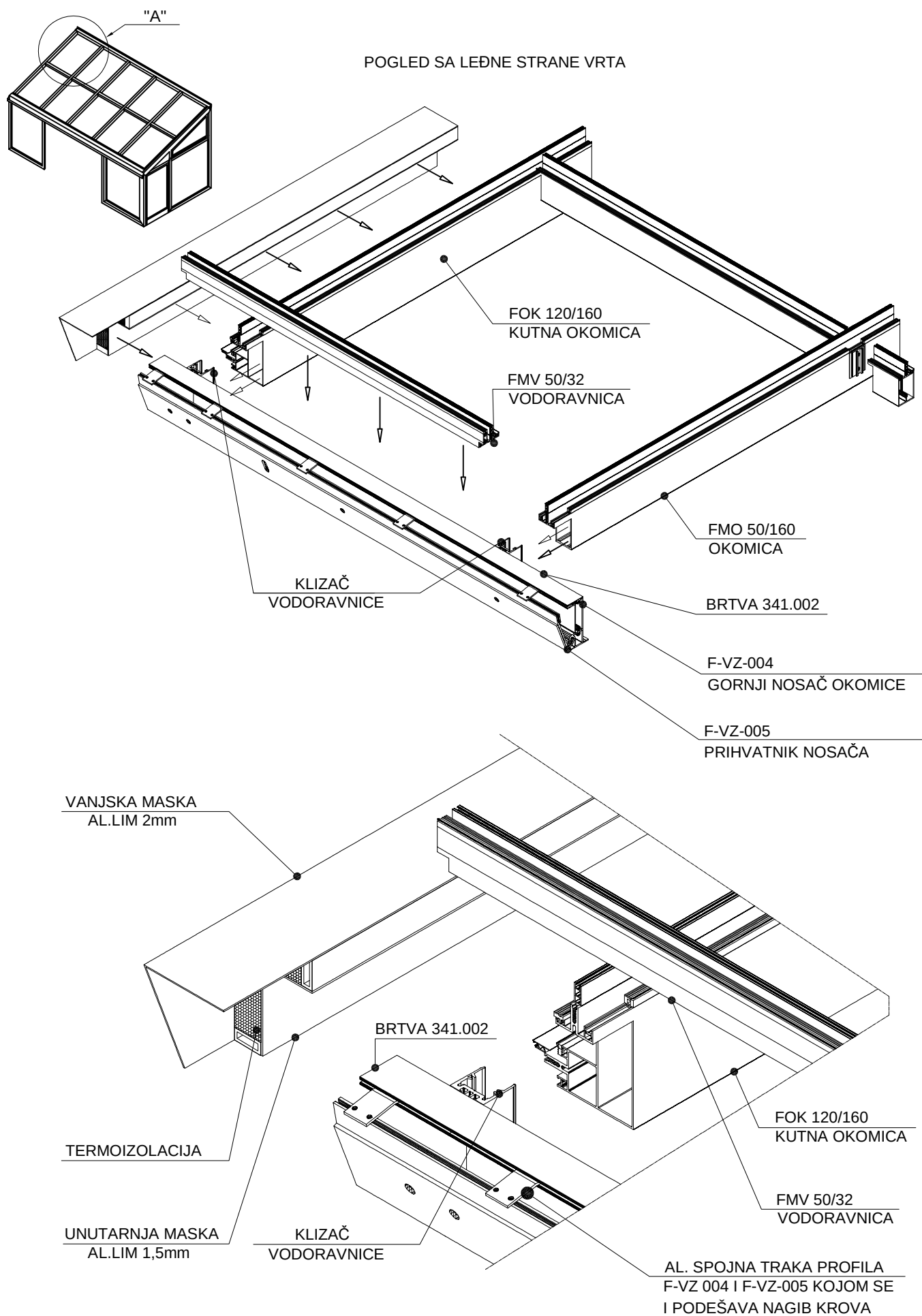
TRI NIVOVA OBRAD



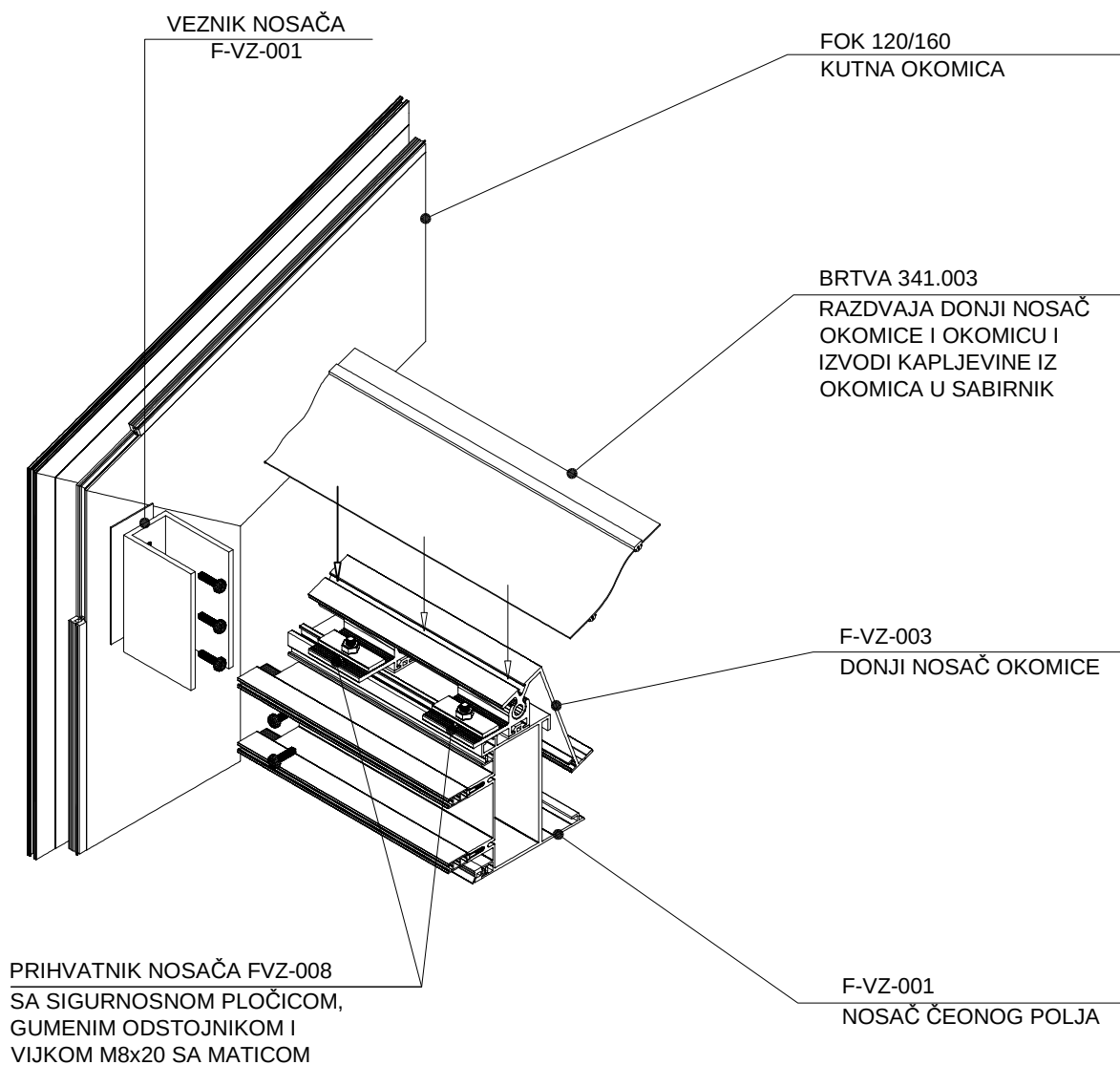
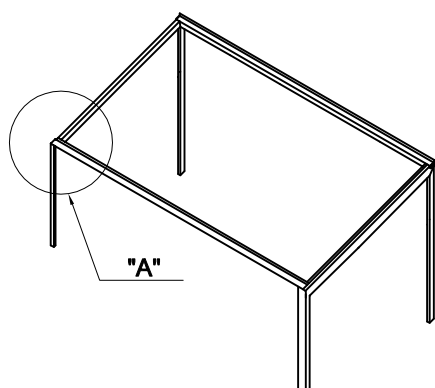


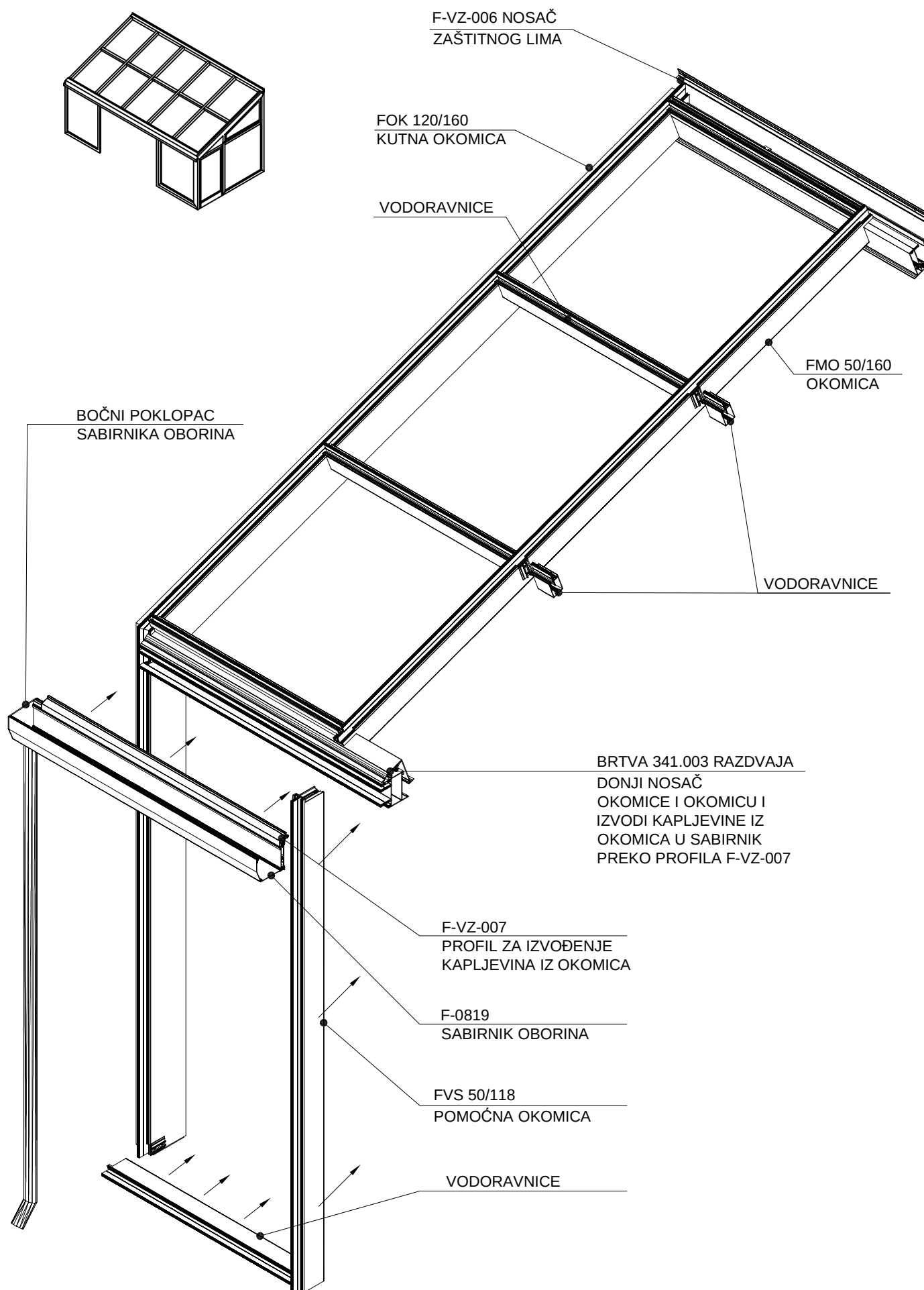






SPOJ NOSAČA ČEONOG POLJA  
SA KUTNIM OKOMICOM









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## ZIMSKI VRT

Listopad 2025./*November 2025*

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