

# TECHNICAL CATALOG

Aluminum Door Window And Facade System



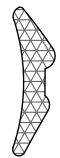
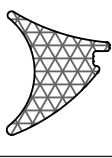
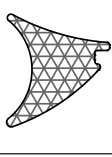
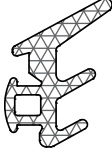
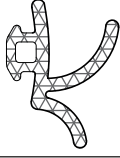
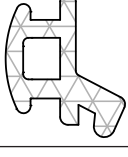
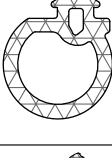
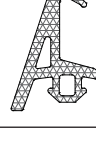
Frame width size: 60 mm

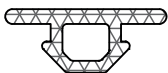
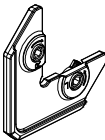
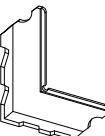
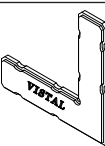
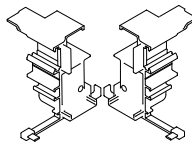
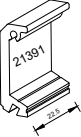
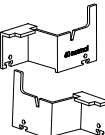
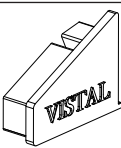
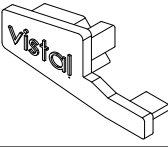
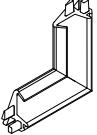
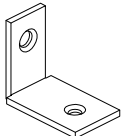
Sash width size: 67.2 mm

Profile wall thickness: 1.4-1.6 mm

Polyamide size: 24 mm

8923

|             | Shape                                                                               | Codee    | Description           |
|-------------|-------------------------------------------------------------------------------------|----------|-----------------------|
|             |    | G1002    | inner glazing gasket  |
| CS59        |    | G1003    | inner glazing gasket  |
| CS68        |    | G1004    | inner glazing gasket  |
| CS68F       |    | G1005    | inner glazing gasket  |
| CS68H       |   | G1006    | inner glazing gasket  |
| CS77        |  | G1007    | inner glazing gasket  |
| CS77H       |  | mo68     | outer glazing gasket  |
| MASTERLINE8 |  | mo60     | sash gasket           |
| SLIMLINE38  |  | G300-210 | opening gasket        |
| S560        |  | G300-158 | raindrop gasket       |
| S560 Mono   |  | G300-179 | gasket for open joint |

| Shape                                                                               | Codee     | Description                  |
|-------------------------------------------------------------------------------------|-----------|------------------------------|
|    | G300-167  | bottom rail gasket           |
|    | FUJI 2000 | corner alignment             |
|    | MO20      | corner alignment             |
|    | 560-1001  | corner alignment             |
|   | 2000-110  | adapter cover                |
|  | 2000-105  | T joint                      |
|  | 2000-125  | bottom plate caps            |
|  | 2000-101  | T profil adapter caps        |
|  | 2000-102  | T profil adapter caps        |
|  | 2000-104  | corner gasket for open joint |
|  | P100      | T joint fixing               |
|  | 2000-100  | T profil adapter caps        |

CS59

CS68

CS68F

CS68H

CS77

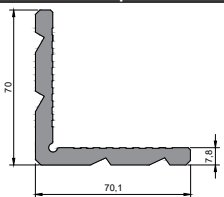
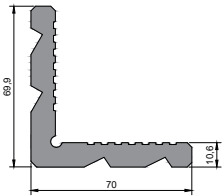
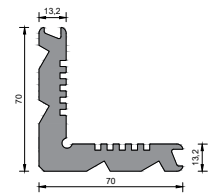
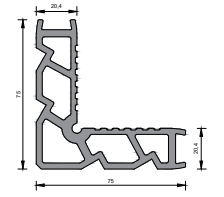
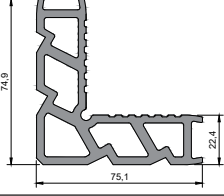
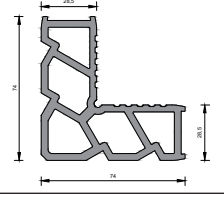
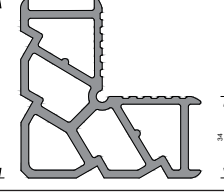
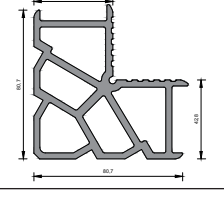
CS77H

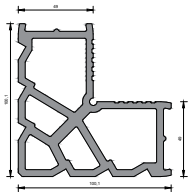
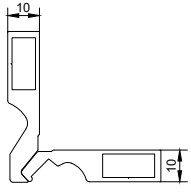
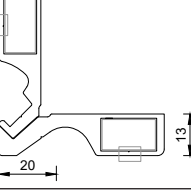
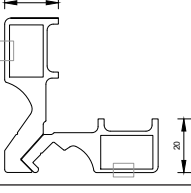
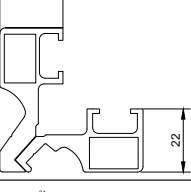
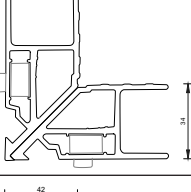
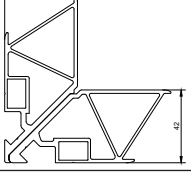
MASTERLINE8

SLIMLINE38

S560

S560 Mono

| Shape                                                                               | Codee | Description               |
|-------------------------------------------------------------------------------------|-------|---------------------------|
|    | C7.8  | corner cleat<br>2.64 kg/m |
|    | C10.6 | corner cleat<br>3.43 kg/m |
|    | C13.2 | corner cleat<br>3.94 kg/m |
|   | C20.4 | corner cleat<br>3.19 kg/m |
|  | C22.4 | corner cleat<br>3.67 kg/m |
|  | C28.5 | corner cleat<br>3.75 kg/m |
|  | C34   | corner cleat<br>3.8 kg/m  |
|  | C42.8 | corner cleat<br>4.59 kg/m |

| Shape                                                                               | Codee | Description               |
|-------------------------------------------------------------------------------------|-------|---------------------------|
|    | C49   | corner cleat<br>7.23 kg/m |
|    | PC10  | corner cleat (punch)      |
|    | PC13  | corner cleat (punch)      |
|   | PC20  | corner cleat (punch)      |
|  | PC22  | corner cleat (punch)      |
|  | PC34  | corner cleat (punch)      |
|  | PC42  | corner cleat (punch)      |

CS59

CS68

CS68F

CS68H

CS77

CS77H

MASTERLINE8

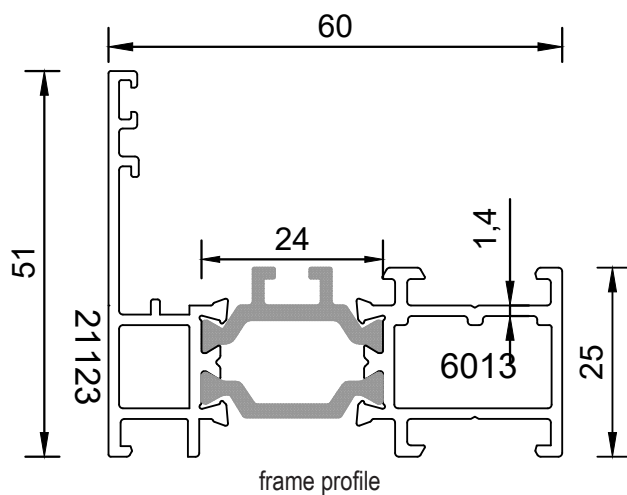
SLIMLINE38

S560

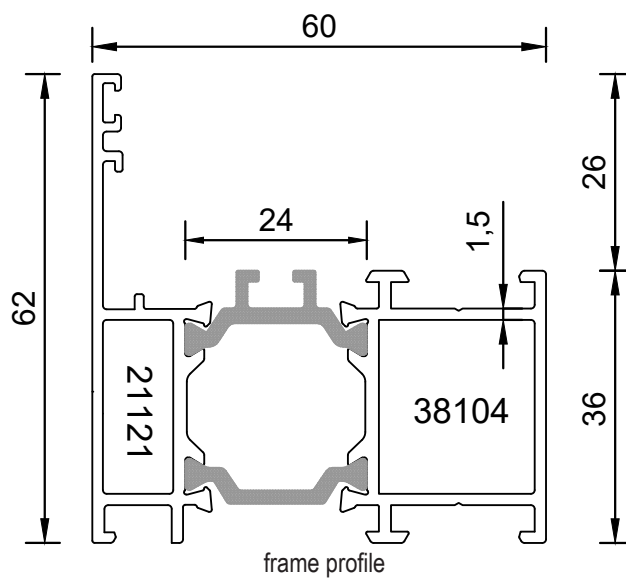
S560 Mono

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 6013-21123  | 1.18         | 5.34               | 17.21              |
| 21121-38104 | 1.41         | 11.32              | 20.76              |

### 6013-21123



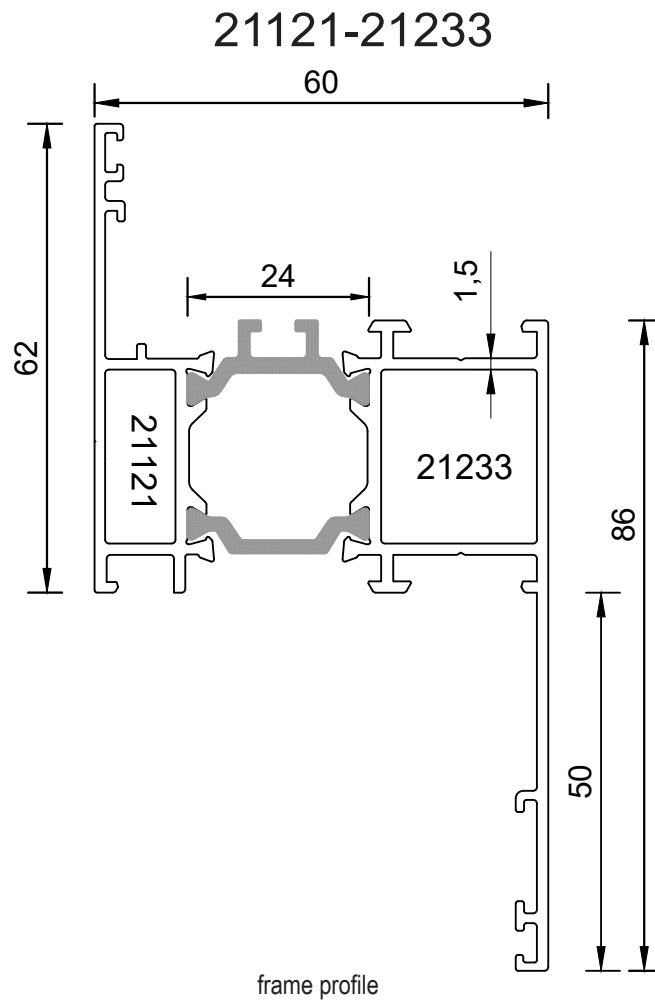
### 21121-38104



scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                                | punch corner | shape                                                                               | leinght |
|-------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|---------|
| 6013-21123  | C10.6        |  | 9.5 mm   | PC10         |  | 19.2 mm |
|             | C10.6        |  | 19.8 mm  |              |                                                                                     |         |
| 21121-38104 | C22.4        |  | 9.5 mm   | PC22         |  | 19.2 mm |
|             | C22.4        |  | 19.6 mm  |              |                                                                                     |         |

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21121-21233 | 1.68         | 31.75              | 29.10              |

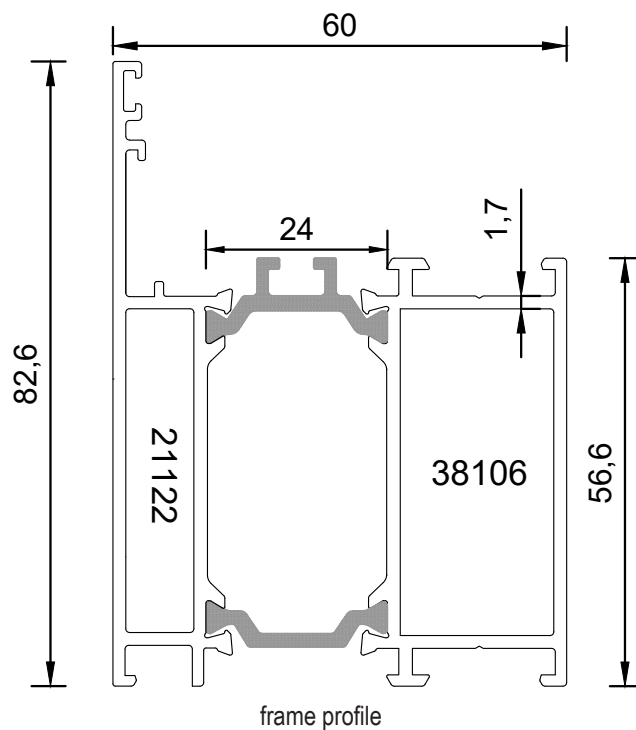


scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                                  | punch corner | shape                                                                                 | leinght |
|-------------|--------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|---------|
| 21121-21233 | C22.4        |  | 9.5 mm   | PC22         |  | 19.2 mm |
|             | C22.4        |  | 19.6 mm  |              |                                                                                       |         |

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21122-38106 | 1.92         | 34.76              | 30.14              |

21122-38106

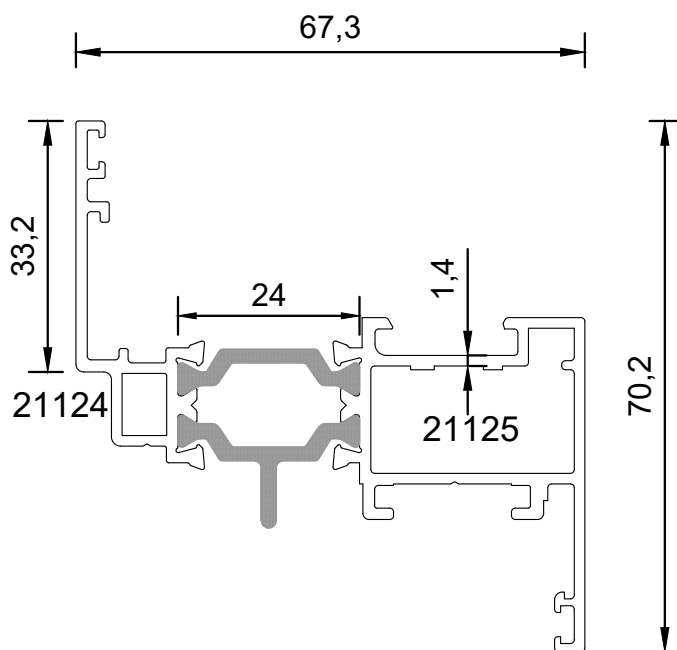


scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                                | punch corner | shape                                                                               | leinght |
|-------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|---------|
| 21122-38106 | C42.8        |  | 9.2 mm   | PC42         |  | 19 mm   |
|             | C42.8        |  | 19.3 mm  |              |                                                                                     |         |

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21124-21125 | 1.32         | 8.33               | 25.61              |

## 21124-21125



small sash profile

scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                                | punch corner | shape                                                                               | leinght | button length |
|-------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|---------|---------------|
| 21124-21125 | C7.8         |  | 6.1 mm   | PC13         |  | 25.3 mm | 15.3 mm       |
|             | C13.2        |  | 25.9 mm  |              |                                                                                     |         |               |

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21119-21126 | 1.48         | 11.75              | 28.35              |

CS59

CS68

CS68F

CS68H

CS77

CS77H

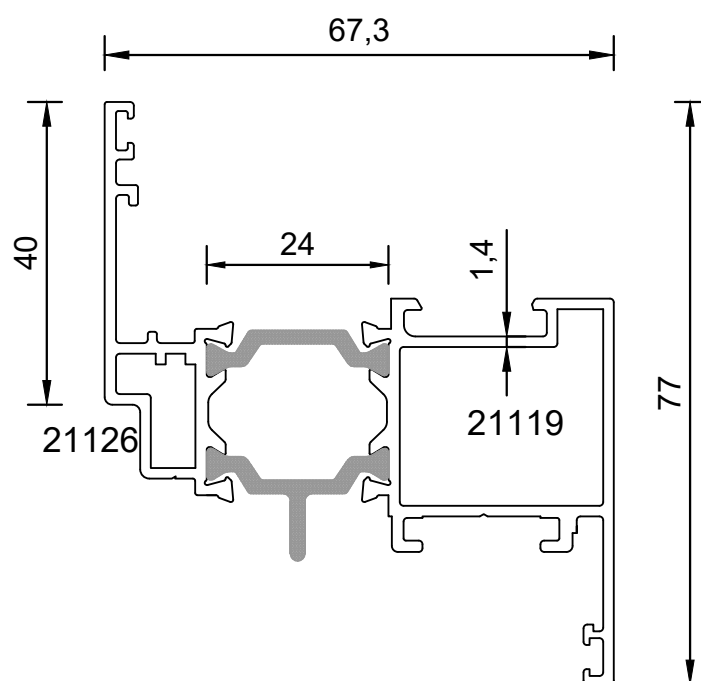
MASTERLINE8

SLIMLINE38

S560

S560 Mono

21119-21126



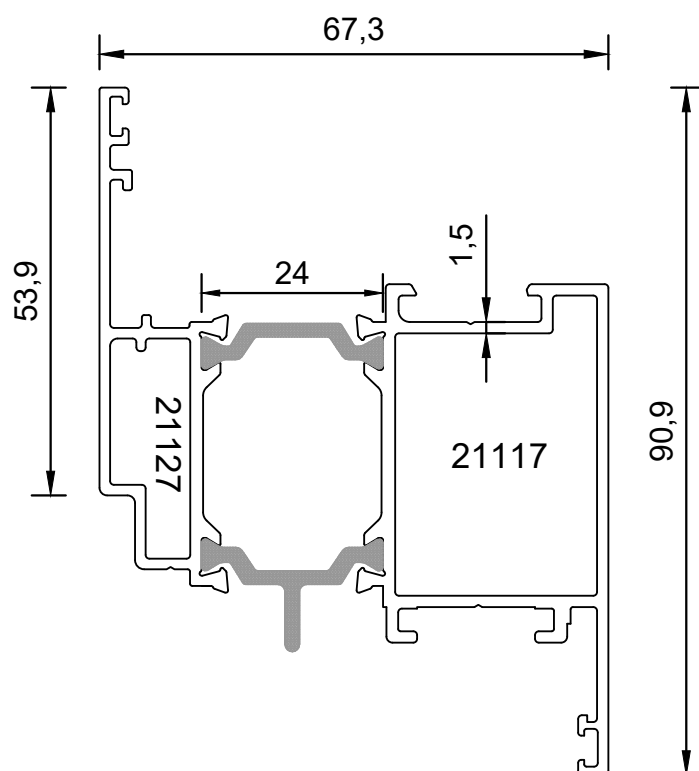
sash profile

scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                                | punch corner | shape                                                                               | leinght | button length |
|-------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|---------|---------------|
| 21119-21126 | C13.2        |  | 6.1 mm   | PC20         |  | 25.3 mm | 15.3 mm       |
|             | C20.4        |  | 25.9 mm  |              |                                                                                     |         |               |

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21117-21127 | 1.73         | 23.75              | 32.15              |

## 21117-21127

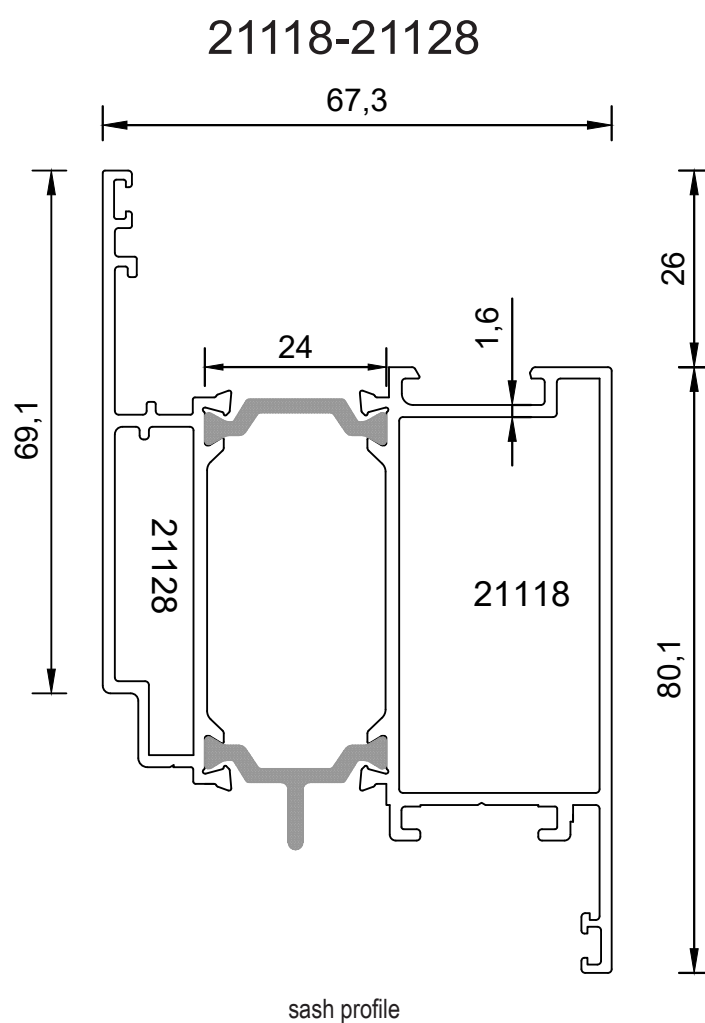


sash profile

scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                                | punch corner | shape                                                                               | leinght | button length |
|-------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|---------|---------------|
| 21117-21127 | C28.5        |  | 6.1 mm   | PC34         |  | 25.3 mm | 15.3 mm       |
|             | C34          |  | 25.7 mm  |              |                                                                                     |         |               |

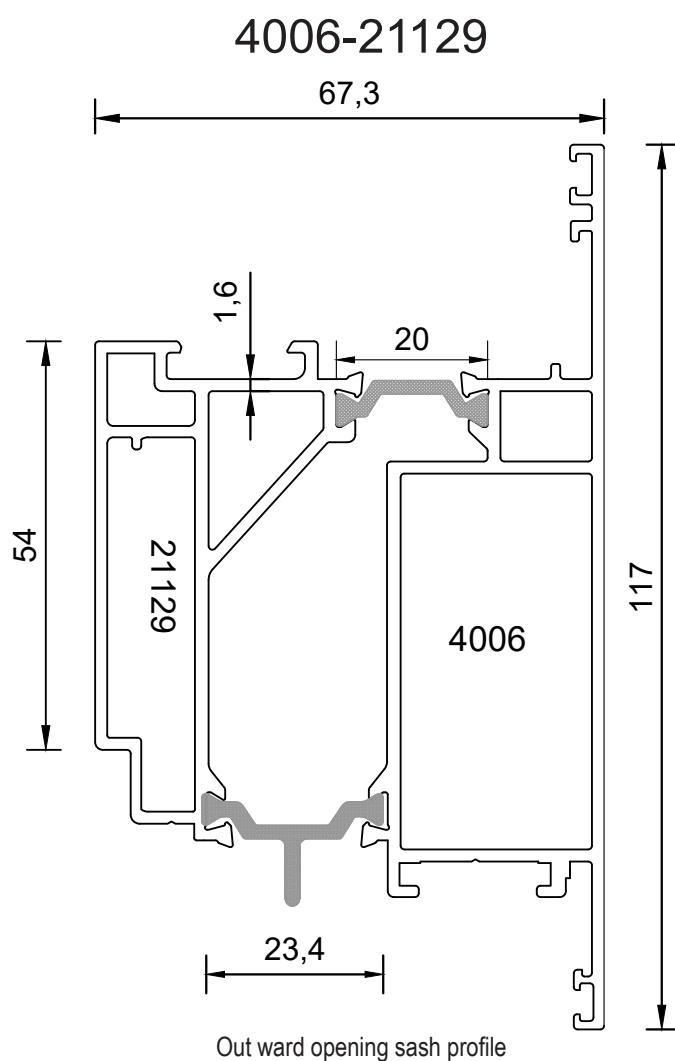
| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21118-21128 | 2.11         | 49.46              | 42.73              |



scale 1:1

| profile     | corner cleat | shape | cutting size |
|-------------|--------------|-------|--------------|
| 21118-21128 | C42.8        |       | 6.1 mm       |
|             | C49          |       | 25.5 mm      |

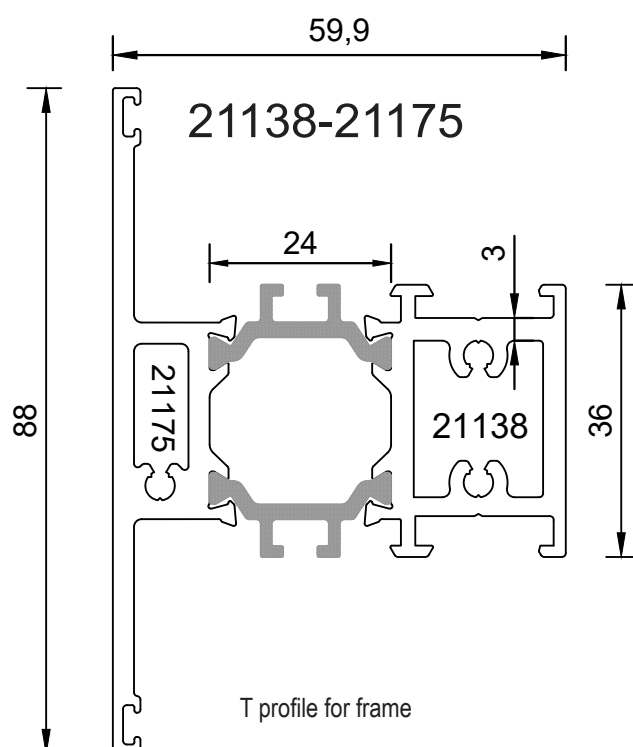
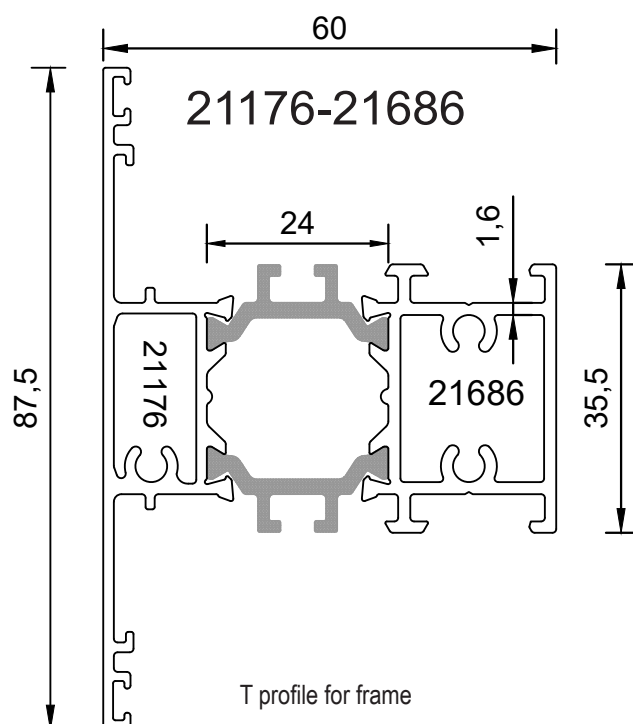
| CODE       | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|------------|--------------|--------------------|--------------------|
| 4006-21129 | 2.65         | 75.17              | 51.32              |



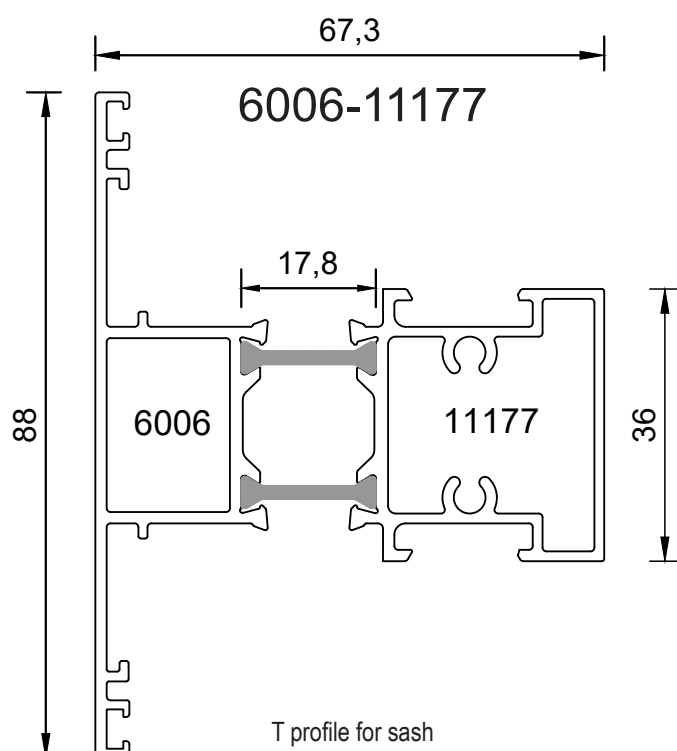
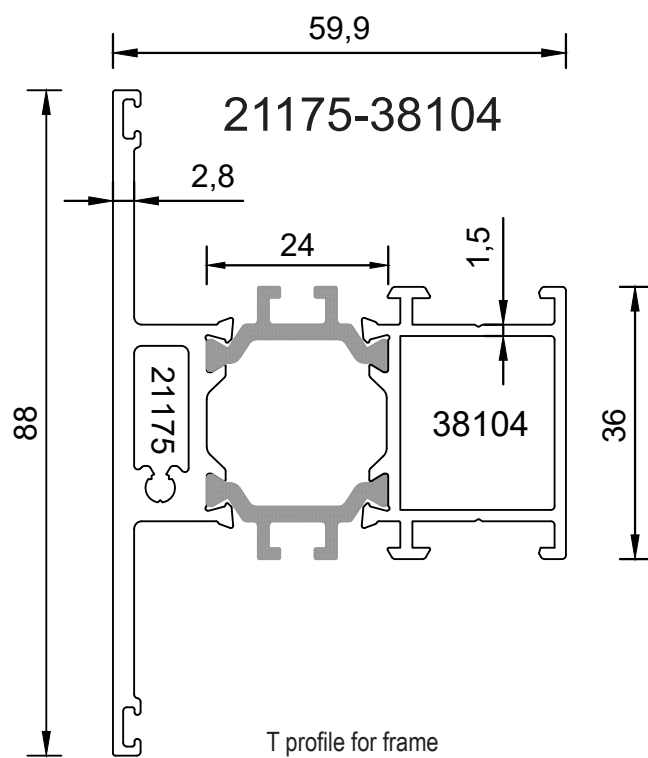
scale 1:1

| profile    | corner cleat | shape                                                                               | cutting size                                                                                |
|------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 4006-21129 | C49          |  | 6.1 mm   |
|            | C49          |  | 25.5 mm  |

| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21176-21686 | 1.70         | 17.00              | 23.86              |
| 21138-21175 | 2.43         | 22.1               | 44.80              |

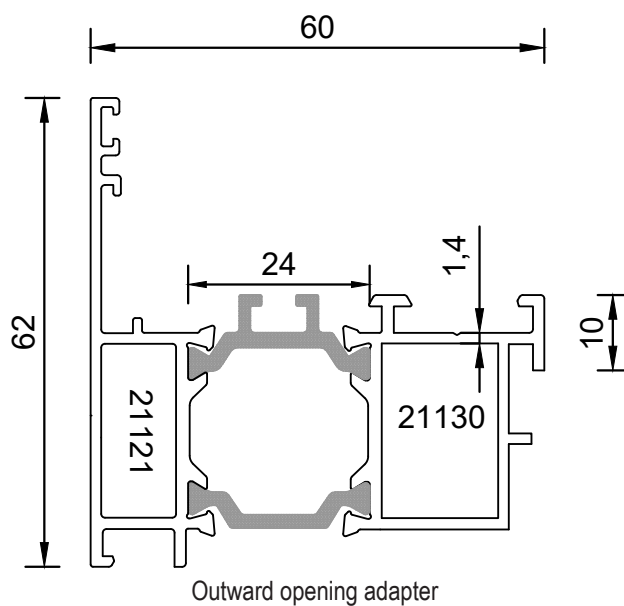


| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21175-38104 | 2.65         | 75.17              | 51.32              |
| 6006-11177  | 1.68         | 10.57              | 18.51              |

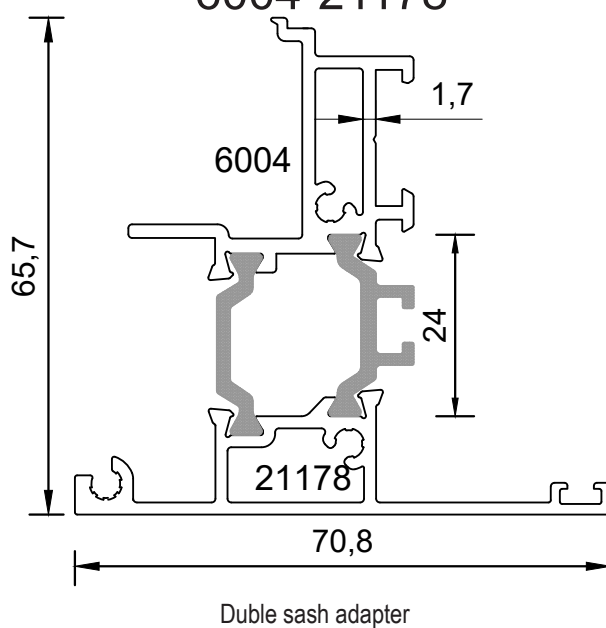


| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21121-21130 | 1.35         | 10.23              | 18.35              |
| 6004-21178  | 1.52         | 22.25              | 10.99              |

## 21121-21130



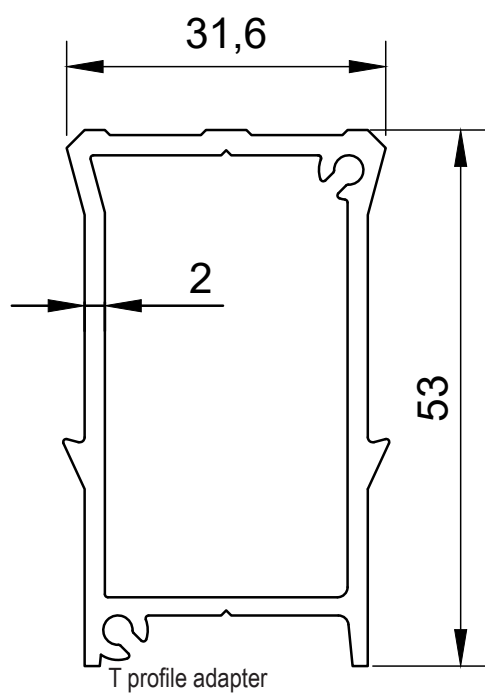
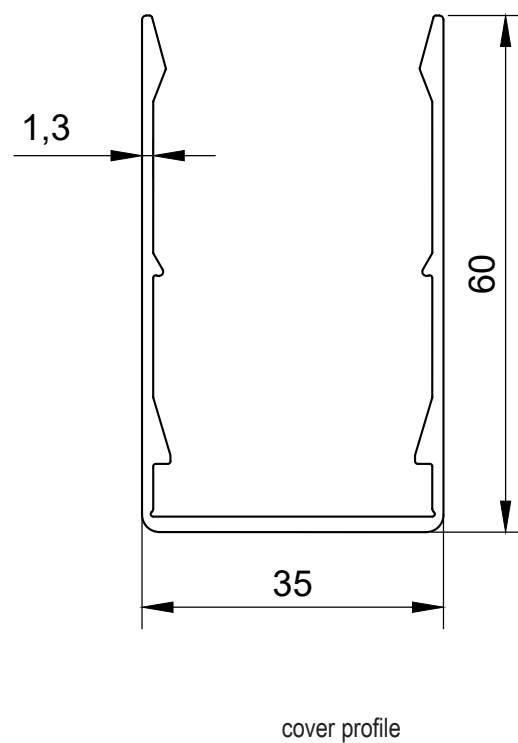
## 6004-21178



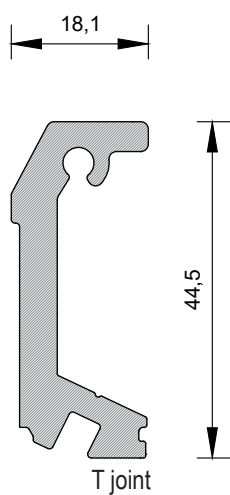
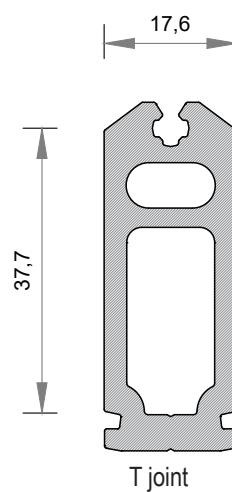
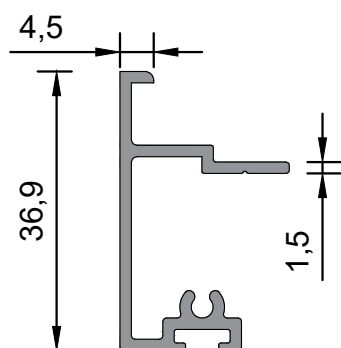
scale 1:1

| profile     | corner cleat | shape                                                                               | cutting size                                                                               |
|-------------|--------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 21121-21130 | C22.4        |  | 9.5 mm  |
|             | C22.4        |  | 15 mm   |

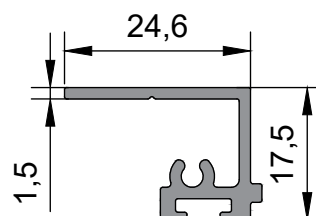
| CODE | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|------|--------------|--------------------|--------------------|
| 3819 | 0.96         | 10.58              | 4.64               |
| 3820 | 0.770        | 9.59               | 4.64               |

**3819**

**3820**


| CODE  | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------|--------------|--------------------|--------------------|
| 21391 | 0.950        | -                  | -                  |
| 21489 | 1.170        | -                  | -                  |
| 21434 | 0.4          | -                  | -                  |
| 21431 | 0.293        | -                  | -                  |

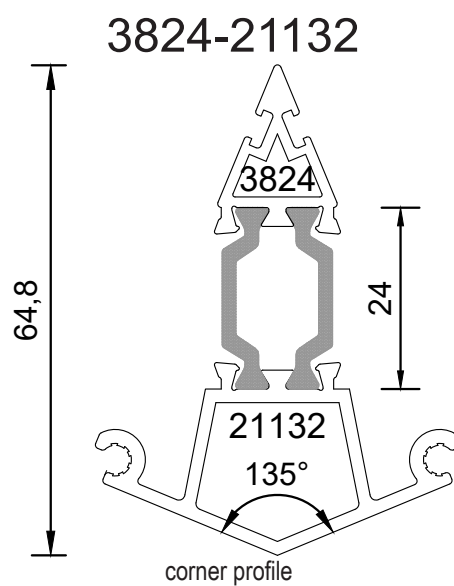
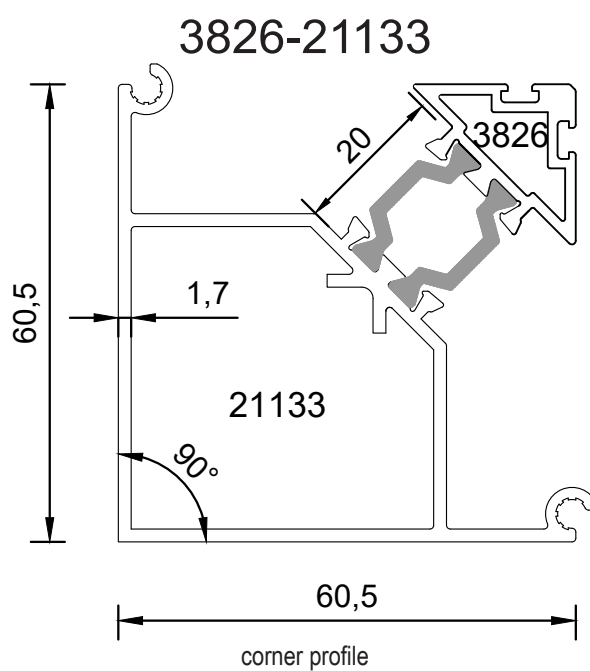
**21391**

**21489**

**21434**


bottom plate profile

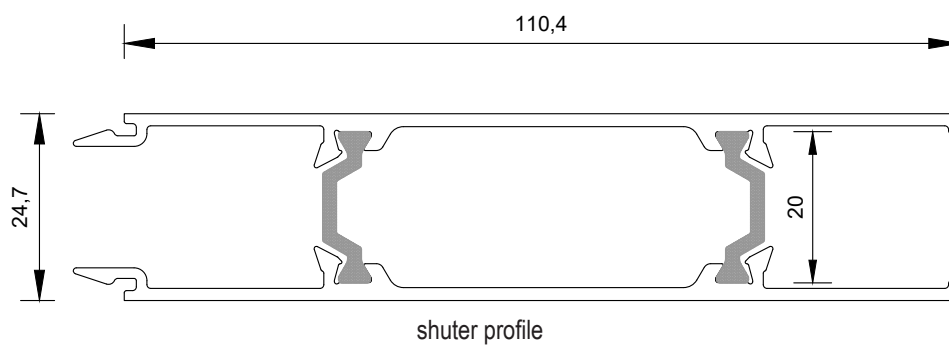
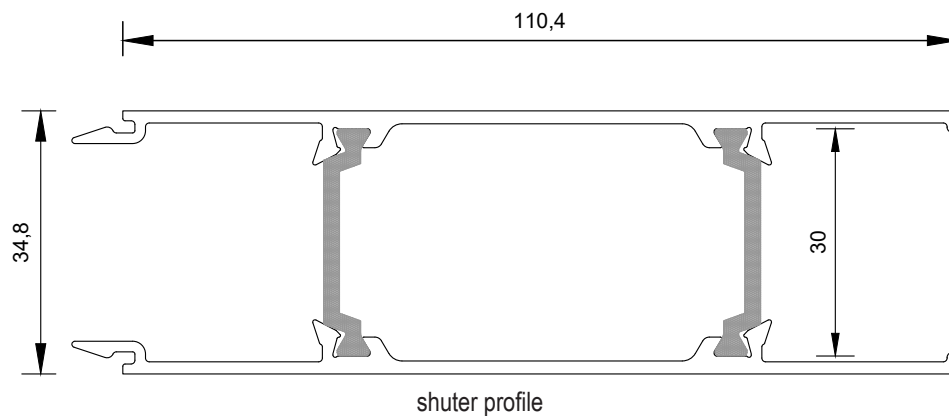
**21431**


bottom plate profile

| CODE       | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|------------|--------------|--------------------|--------------------|
| 3826-21133 | 1.7          | 26.41              | 26.45              |
| 3824-21132 | 1.22         | 14.41              | 4.54               |

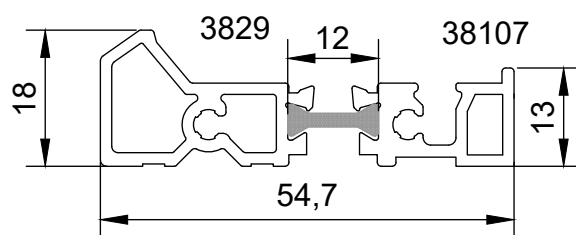


| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21152-21152 | 1.55         | 6.34               | 60.94              |
| 3854-3854   | 1.61         | 13.96              | 64.19              |

**21152-21152**

**3854-3854**


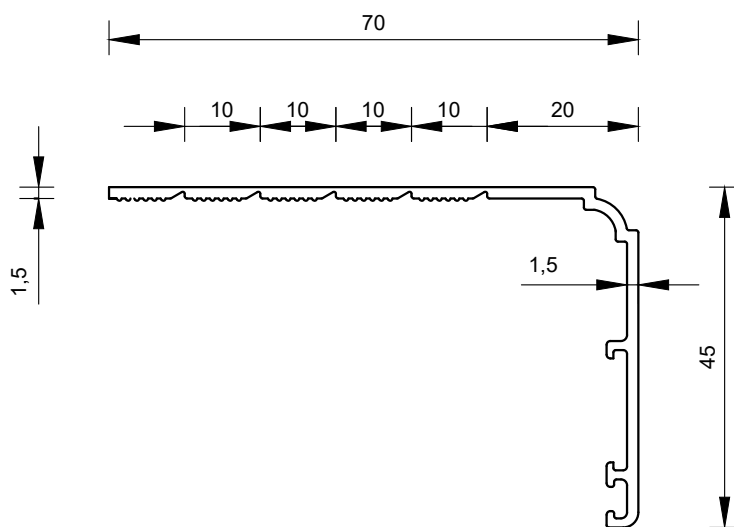
| CODE       | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|------------|--------------|--------------------|--------------------|
| 3829-38107 | 0.790        | -                  | -                  |
| 21428      | 0.520        | -                  | -                  |

### 3829-38107



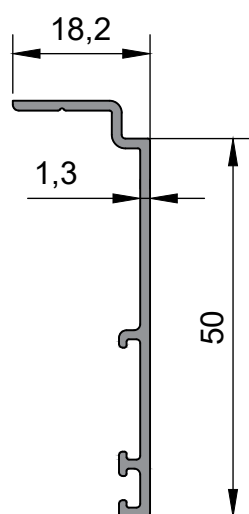
bottom rail profile

### 21428

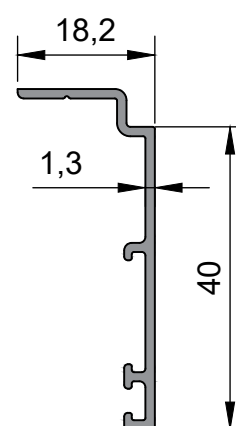


border profile

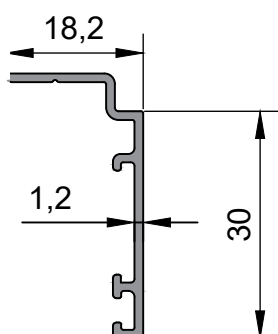
| CODE  | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------|--------------|--------------------|--------------------|
| 6015  | 0.305        | -                  | -                  |
| 6016  | 0.257        | -                  | -                  |
| 6017  | 0.206        | -                  | -                  |
| 21429 | 0.306        | -                  | -                  |

**6015**


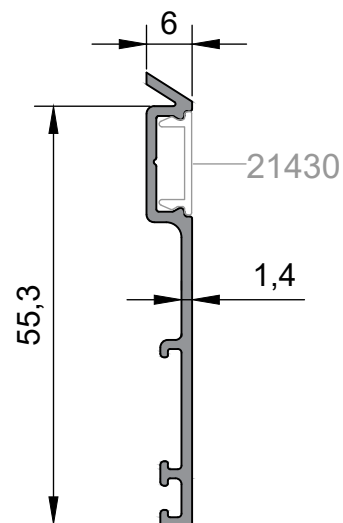
border profile

**6016**


border profile

**6017**


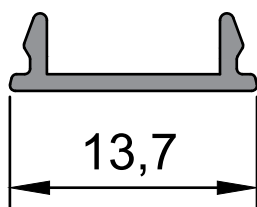
border profile

**21429**


border profile

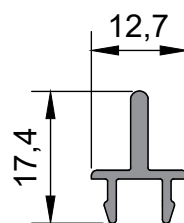
| CODE  | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------|--------------|--------------------|--------------------|
| 21430 | 0.056        | -                  | -                  |
| 21413 | 0.150        | -                  | -                  |
| 21416 | 0.128        | -                  | -                  |
| 21450 | 0.164        | -                  | -                  |

21430



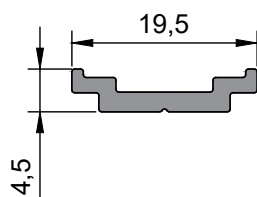
cover profile

21413



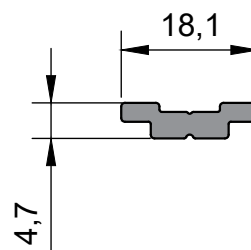
adapter profile

21416



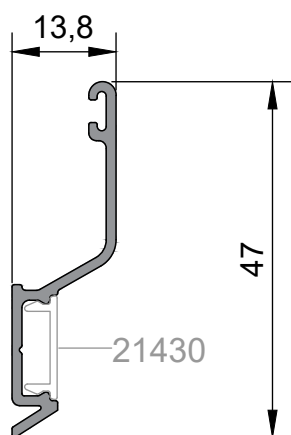
rod profile

21450

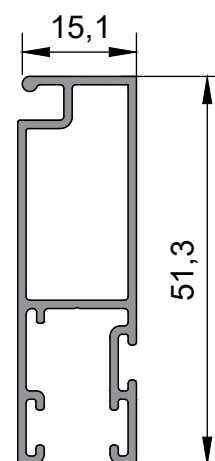


rod profile

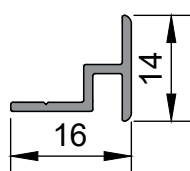
| CODE   | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|--------|--------------|--------------------|--------------------|
| 21498  | 0.265        | -                  | -                  |
| 21411  | 0.49         | -                  | -                  |
| 21499A | 0.120        | -                  | -                  |
| 21499B | 0.115        | -                  | -                  |

**21498**


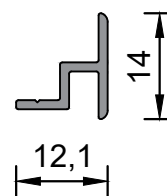
flyscreen sash rail

**21411**


flyscreen sash profile

**21499A**


biuaty profil

**21499B**


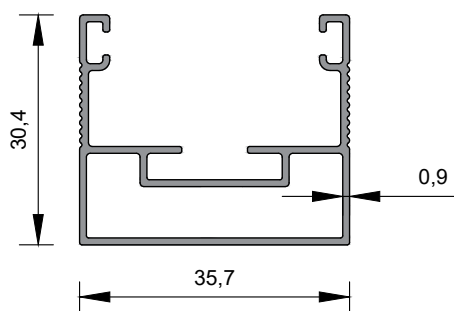
biuaty profil

| profile | corner cleat | shape                                                                                 | cutting size                                                                                | button length |
|---------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------|
| 21411   | C22.4        |  | 13 mm  | 15 mm         |

scale 1:1

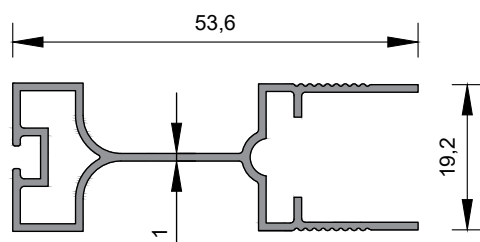
| CODE        | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------------|--------------|--------------------|--------------------|
| 21462       | 0.431        | -                  | -                  |
| 21463       | 0.441        | -                  | -                  |
| 21503       | 0.477        | -                  | -                  |
| 21131-21131 | 1.400        | -                  | -                  |

21462



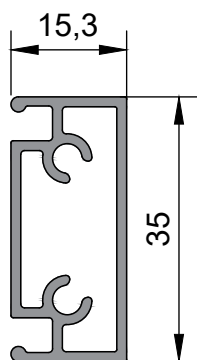
biuaty profil

21463



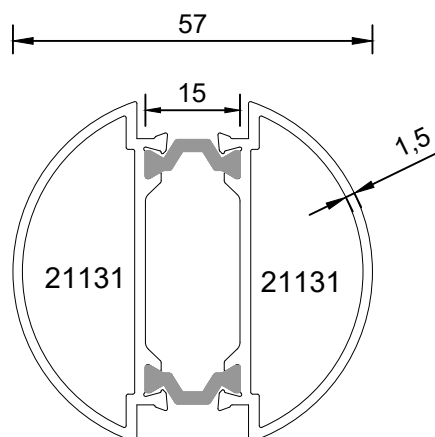
Fly screen sash profile

21503



T for flyscreen sash

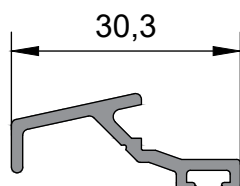
21131-21131



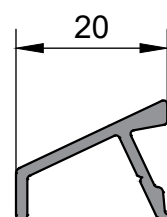
corner profile

scale 1:1

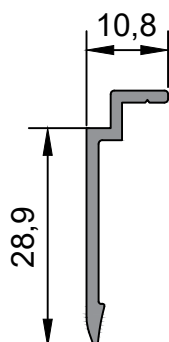
| CODE  | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------|--------------|--------------------|--------------------|
| 38100 | 0.225        | -                  | -                  |
| 21418 | 0.200        | -                  | -                  |
| 21134 | 0.200        | -                  | -                  |
| 21181 | 0.210        | -                  | -                  |

**38100**


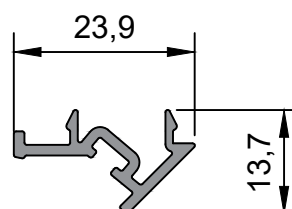
Raindrop profile

**21418**


Raindrop profile

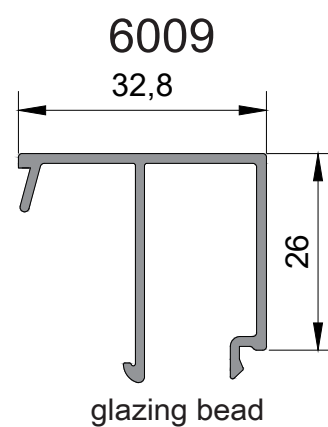
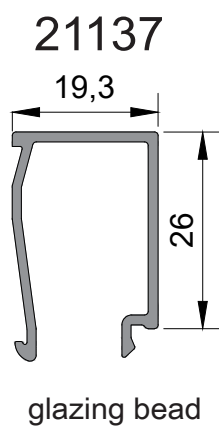
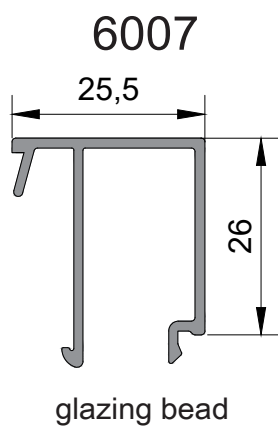
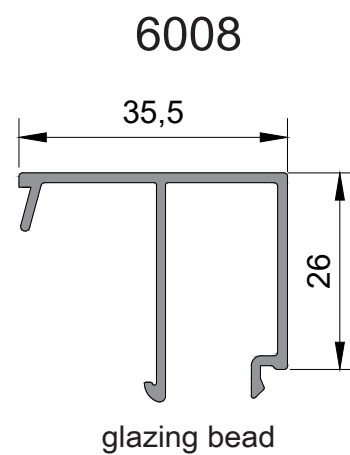
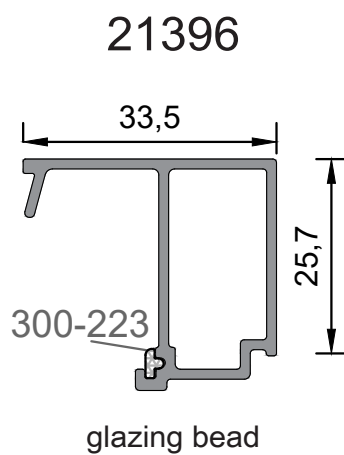
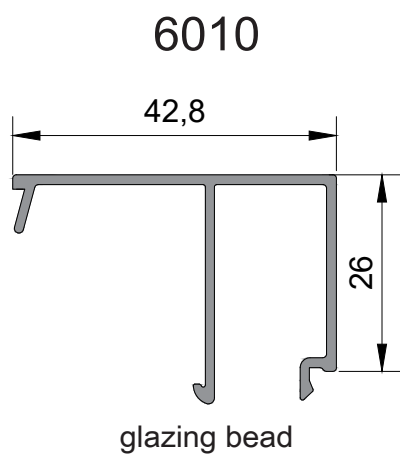
**21134**


corner adapter profile

**21181**


border profile

| CODE  | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------|--------------|--------------------|--------------------|
| 6010  | 0.411        | -                  | -                  |
| 21396 | 0.450        | -                  | -                  |
| 6008  | 0.383        | -                  | -                  |
| 6009  | 0.373        | -                  | -                  |
| 6007  | 0.346        | -                  | -                  |
| 21137 | 0.310        | -                  | -                  |



| CODE  | WEIGHT(kg/m) | Ix cm <sup>4</sup> | Iy cm <sup>4</sup> |
|-------|--------------|--------------------|--------------------|
| 21263 | 0.472        | -                  | -                  |
| 21264 | 0.444        | -                  | -                  |
| 21265 | 0.431        | -                  | -                  |
| 21136 | 0.400        | -                  | -                  |
| 21135 | 0.365        | -                  | -                  |

CS59

CS68

CS68F

CS68H

CS77

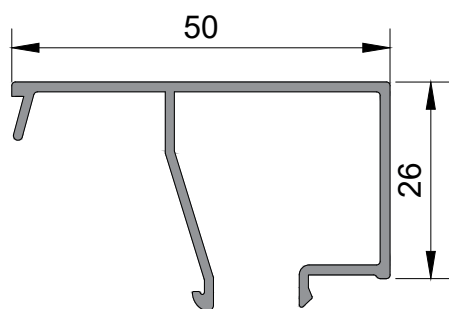
CS77H

MASTERLINE8

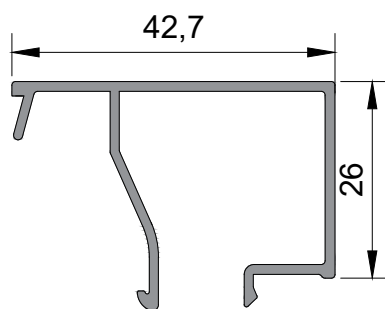
SLIMLINE38

S560

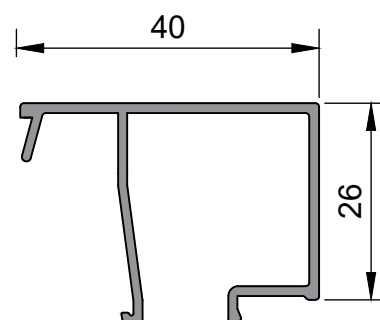
S560 Mono

**21263**


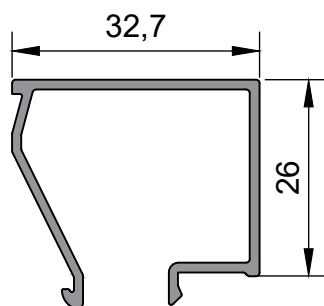
glazing bead

**21264**


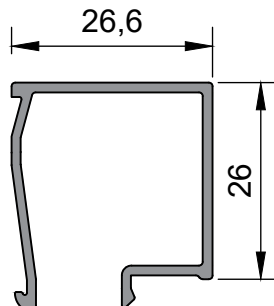
glazing bead

**21265**


glazing bead

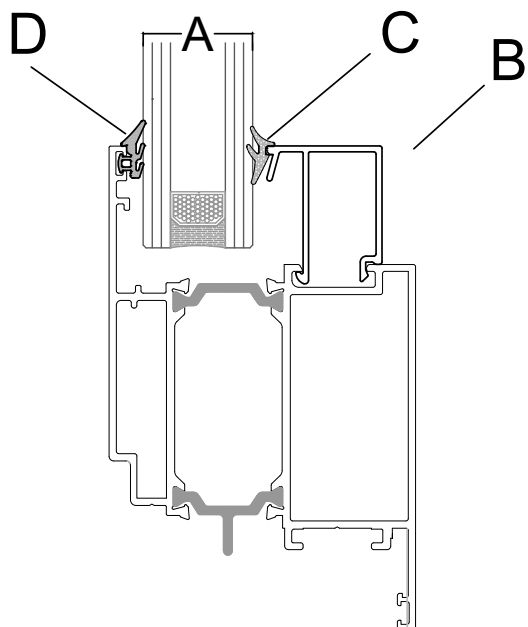
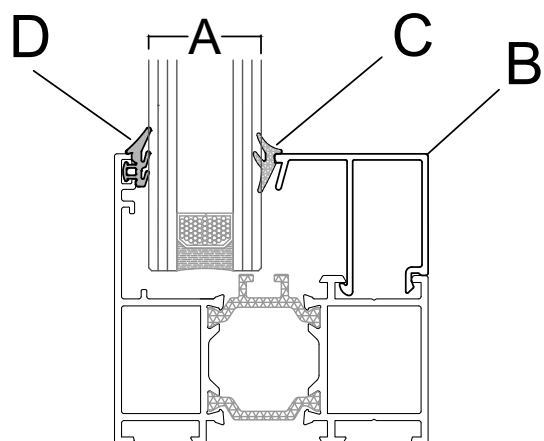
**21136**


glazing bead

**21135**


glazing bead

scale 1:1



| A (mm) | B    | C     | D    |
|--------|------|-------|------|
| 6      | 1004 | 6010  | mo68 |
| 8      | 1002 | 6010  | mo68 |
| 10     | 1007 | 6008  | mo68 |
| 12     | 1005 | 6008  | mo68 |
| 14     | 1003 | 6008  | mo68 |
| 16     | 1004 | 6009  | mo68 |
| 18     | 1002 | 6009  | mo68 |
| 20     | 1007 | 6007  | mo68 |
| 22     | 1005 | 6007  | mo68 |
| 24     | 1003 | 6007  | mo68 |
| 26     | 1007 | 21137 | mo68 |
| 28     | 1005 | 21137 | mo68 |
| 30     | 1003 | 21137 | mo68 |

CS59

CS68

CS68F

CS68H

CS77

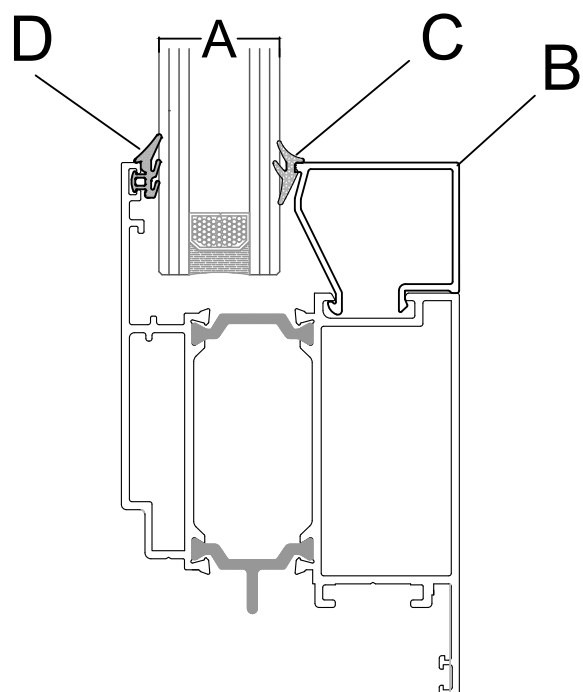
CS77H

MASTERLINE8

SLIMLINE38

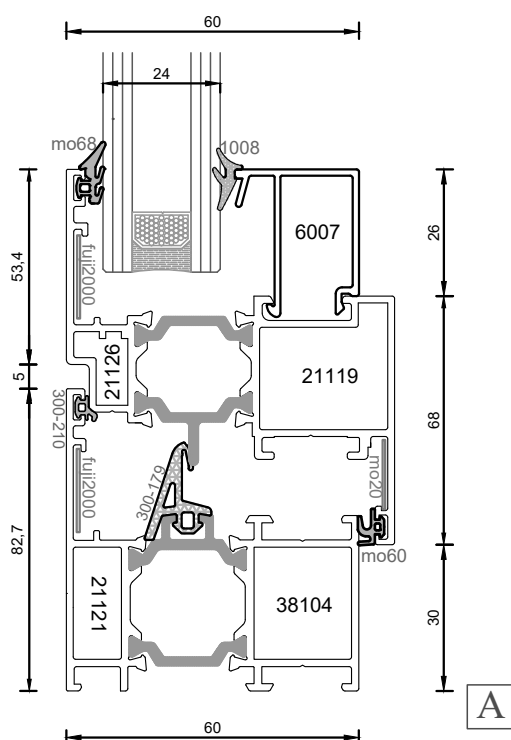
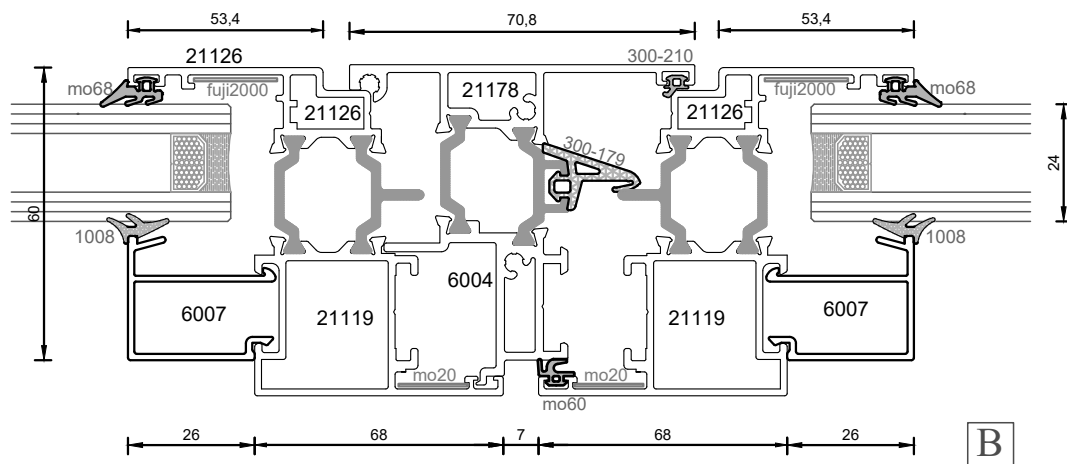
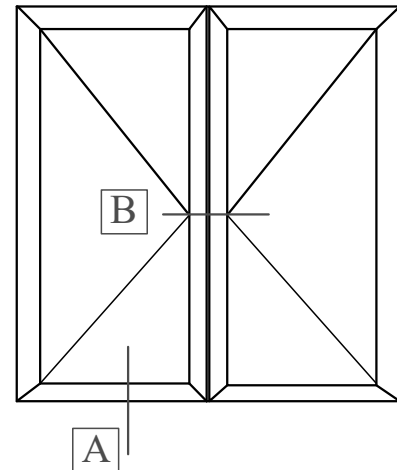
S560

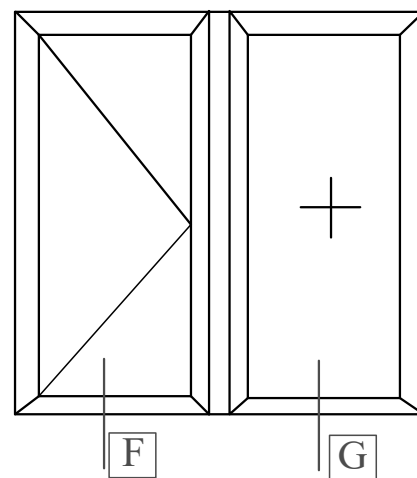
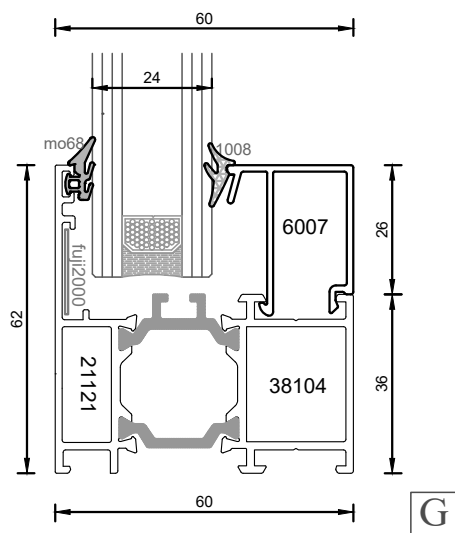
S560 Mono



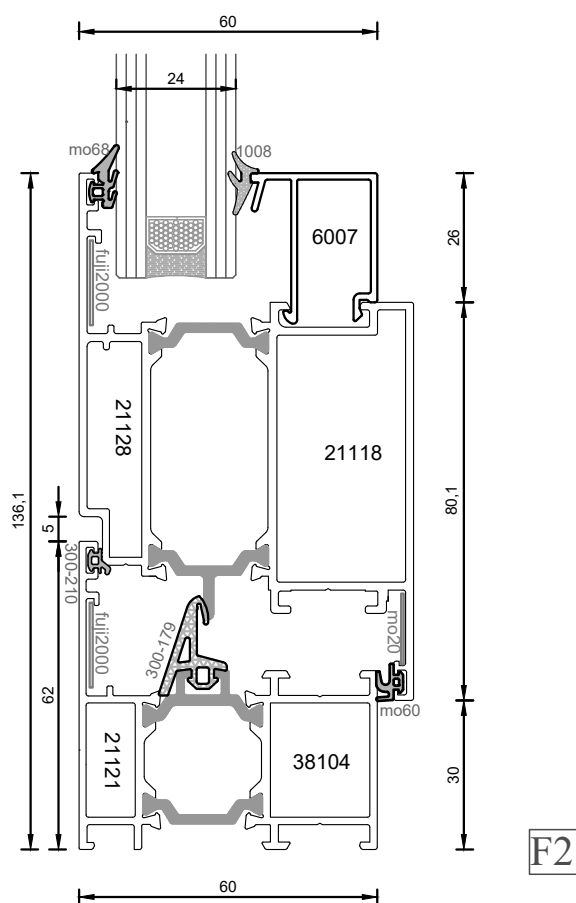
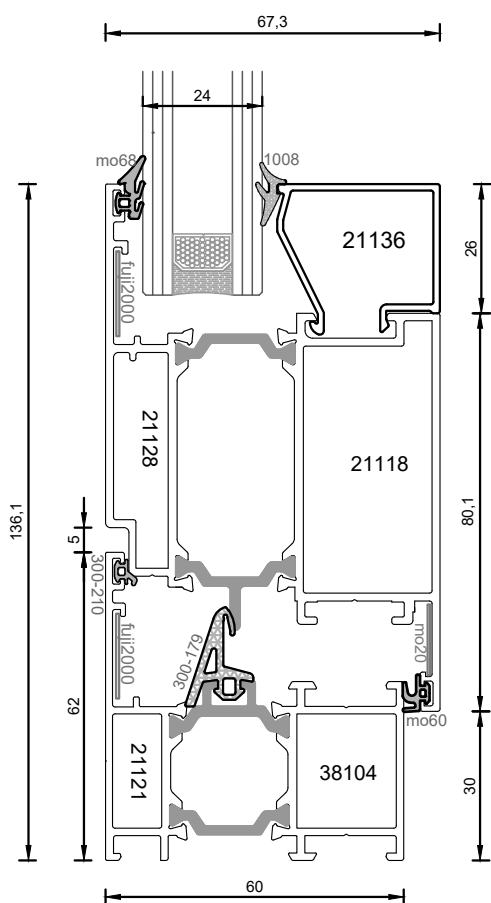
| A (mm) | B    | C     | D    |
|--------|------|-------|------|
| 6      | 1004 | 21263 | mo68 |
| 8      | 1002 | 21263 | mo68 |
| 10     | 1007 | 21264 | mo68 |
| 12     | 1005 | 21264 | mo68 |
| 14     | 1003 | 21264 | mo68 |
| 16     | 1004 | 21265 | mo68 |
| 18     | 1002 | 21265 | mo68 |
| 20     | 1007 | 21136 | mo68 |
| 22     | 1005 | 21136 | mo68 |
| 24     | 1003 | 21136 | mo68 |
| 26     | 1007 | 21135 | mo68 |
| 28     | 1005 | 21135 | mo68 |
| 30     | 1003 | 21135 | mo68 |

## FRENCH OPENING

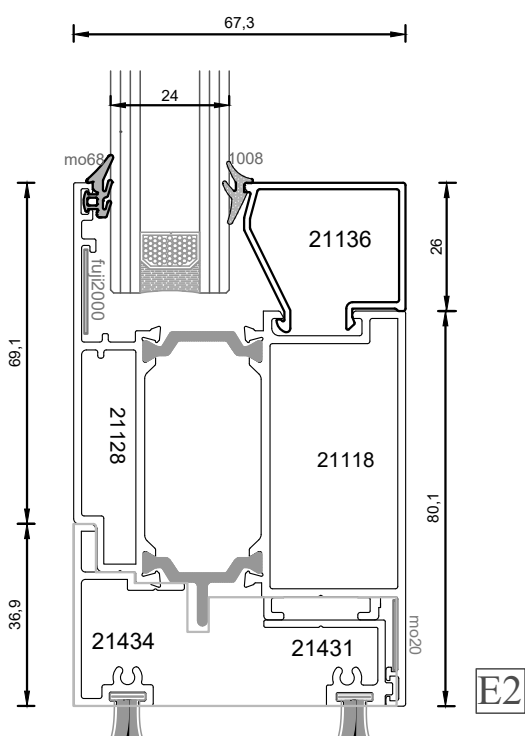
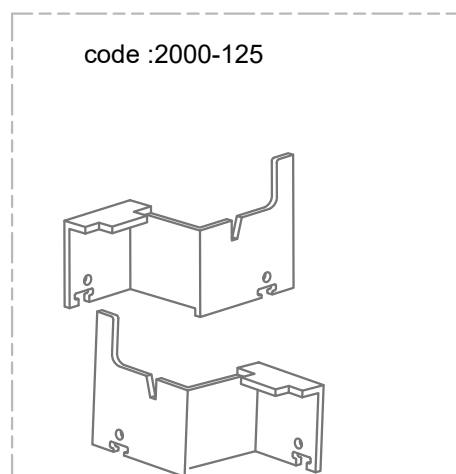
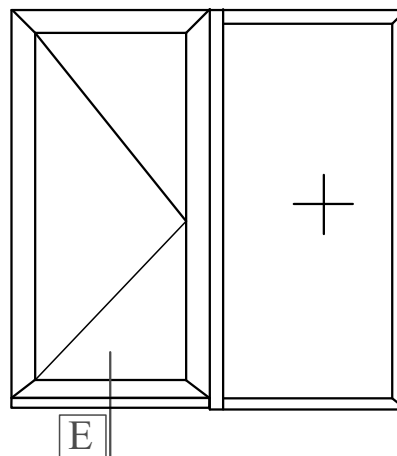
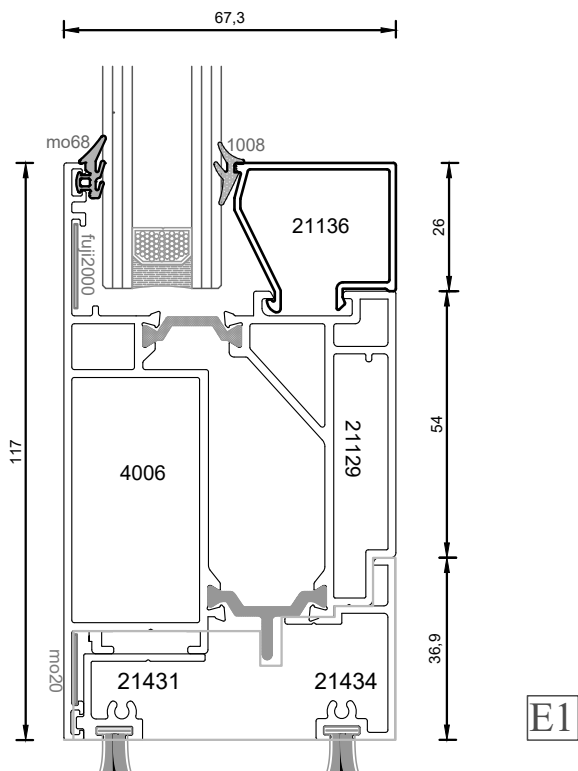




INWARD OPENING DOOR



INWARD AND OUTWARD OPENING DOOR



CS59

CS68

CS68F

CS68H

CS77

CS77H

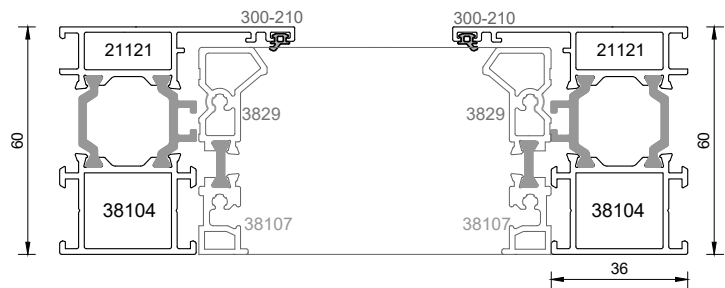
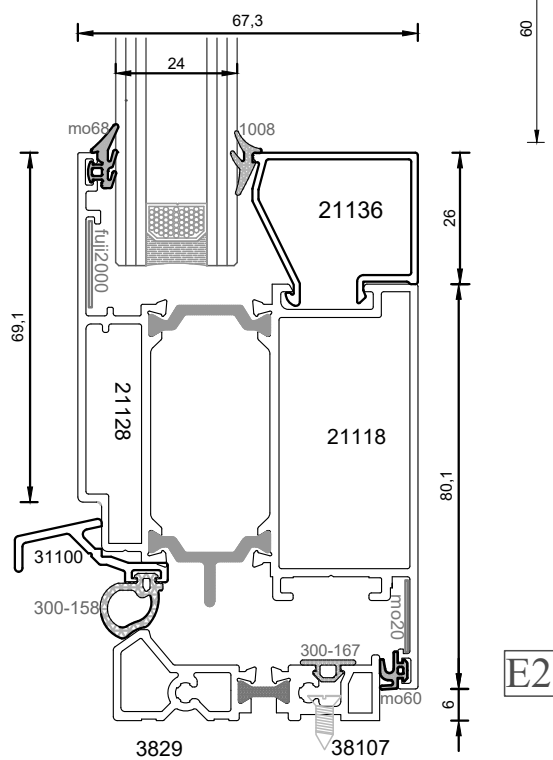
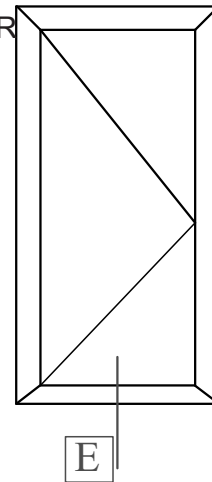
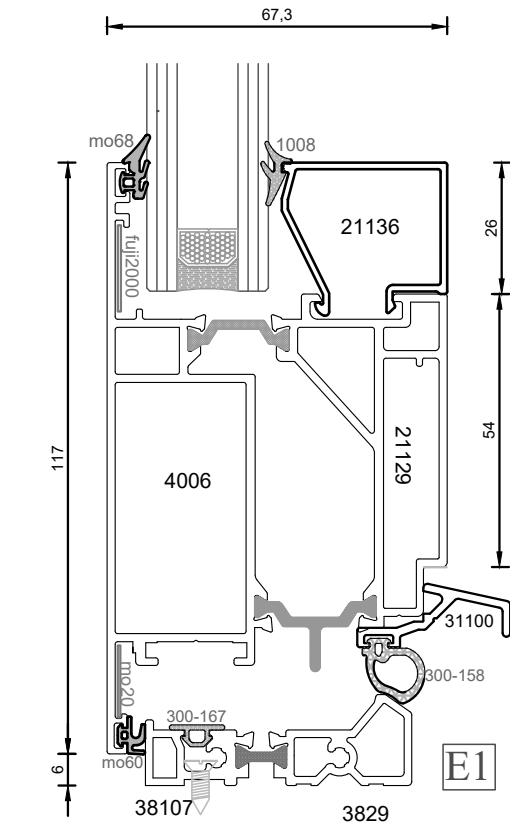
MASTERLINE8

SLIMLINE38

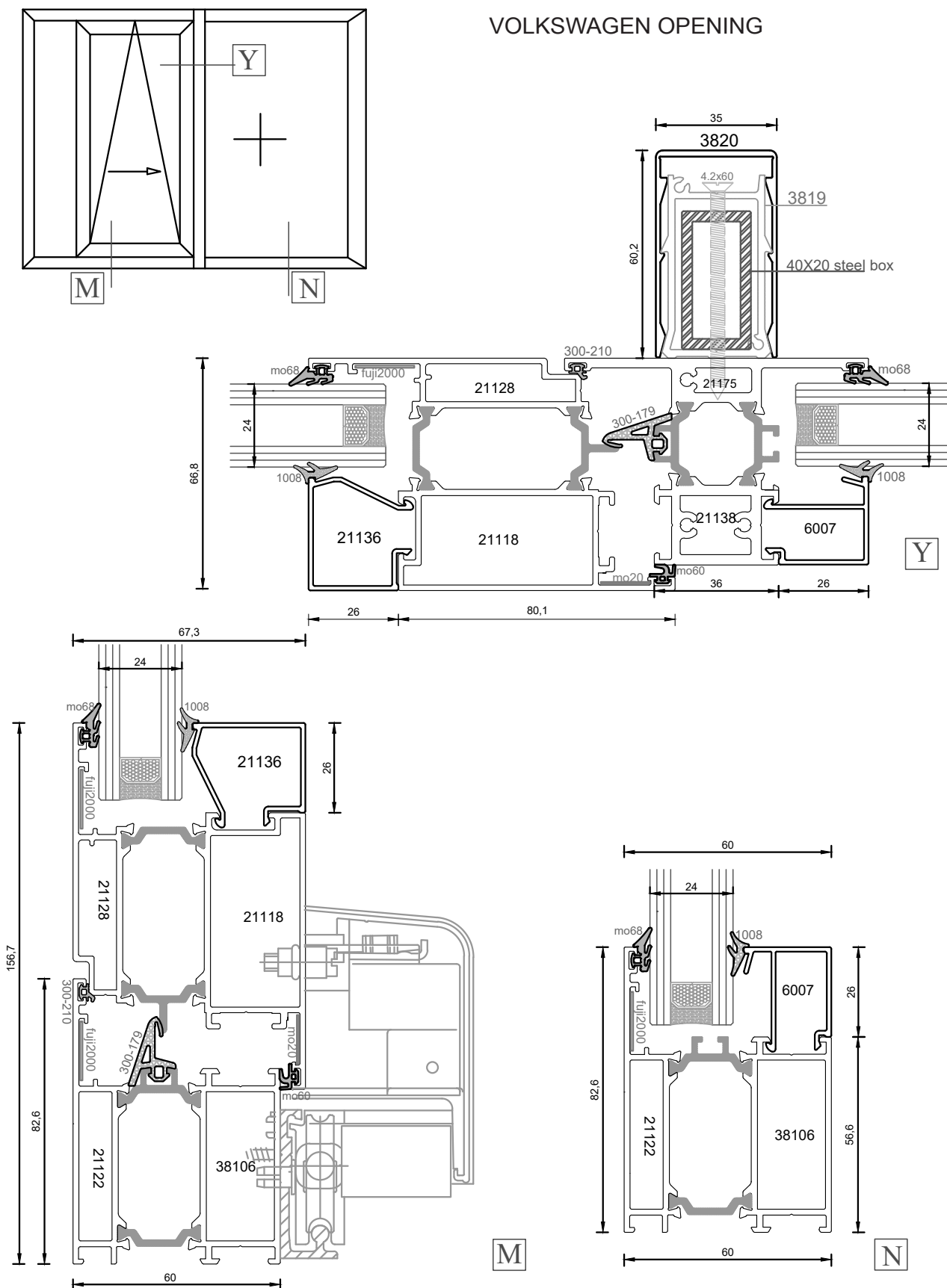
S560

S560 Mono

### INWARD AND OUTWARD OPENING DOOR



VOLKSWAGEN OPENING



CS59

CS68

CS68F

CS68H

CS77

CS77H

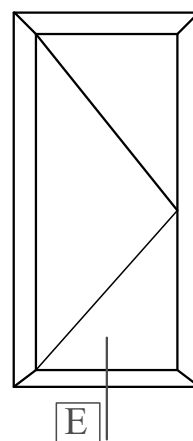
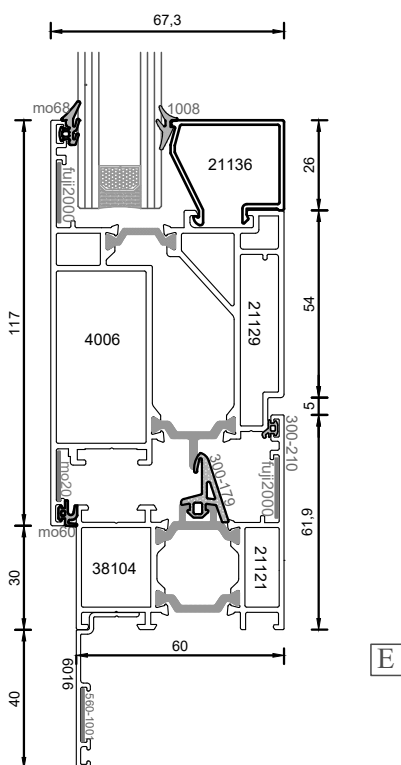
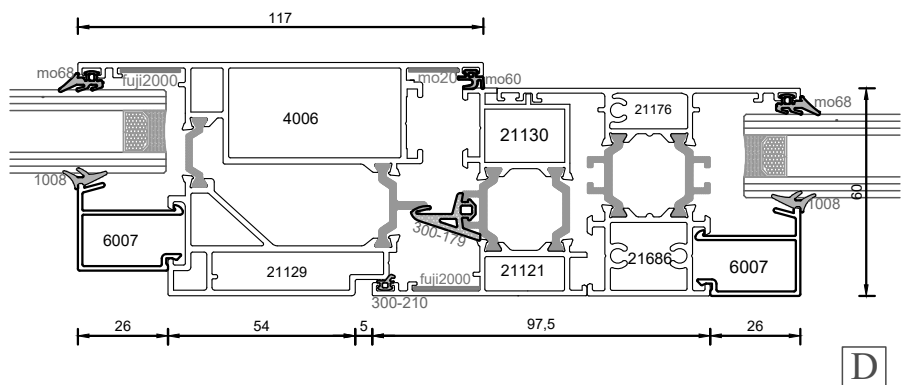
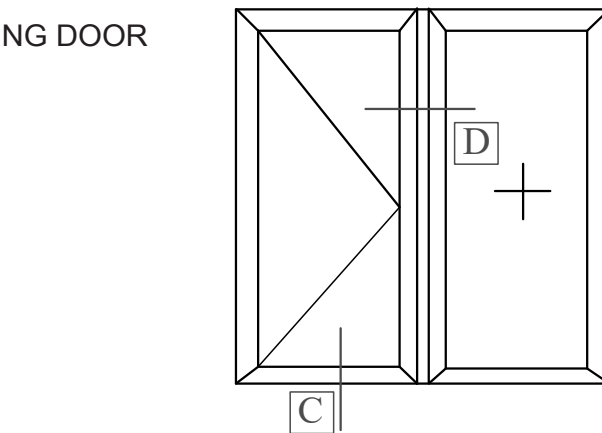
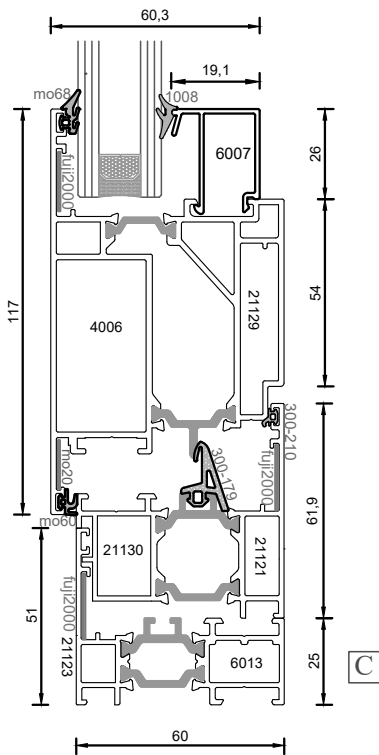
MASTERLINE8

SLIMLINE38

S560

S560 Mono

## OUTWARD OPENING DOOR



CS59

CS68

CS68F

CS68H

CS77

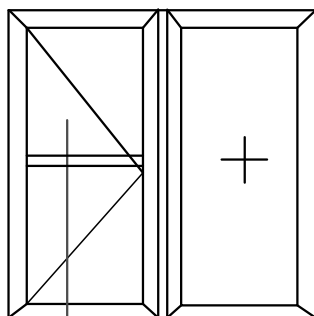
CS77H

MASTERLINE8

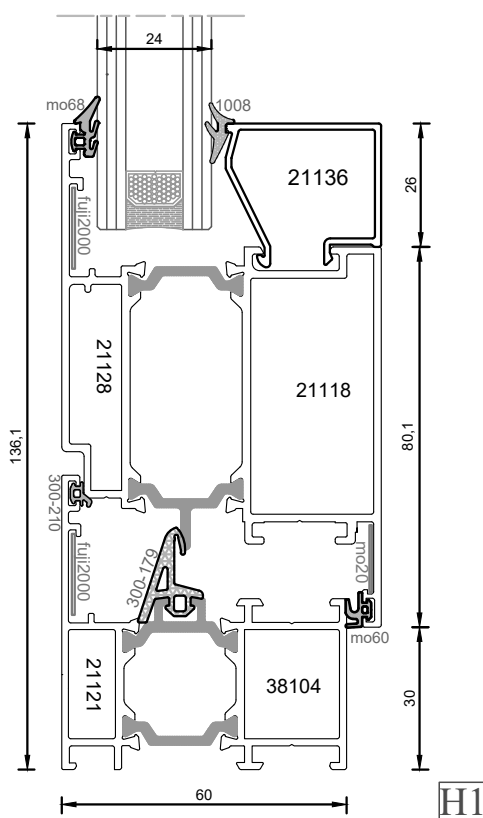
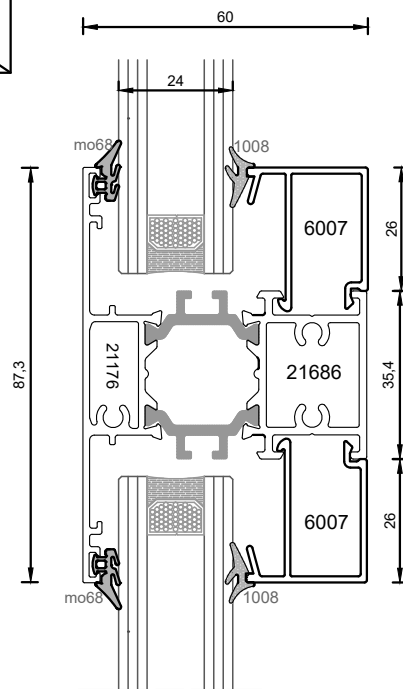
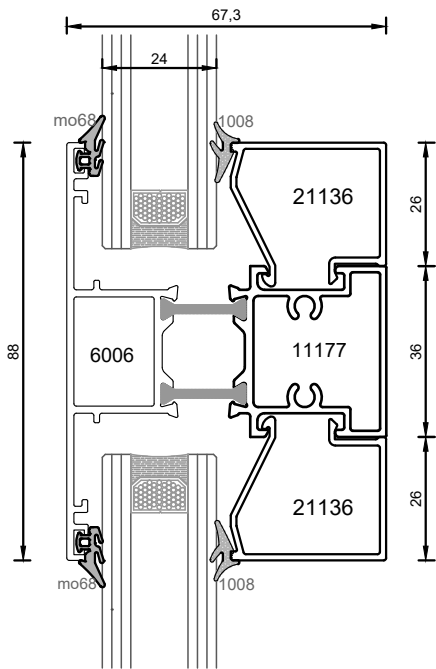
SLIMLINE38

S560

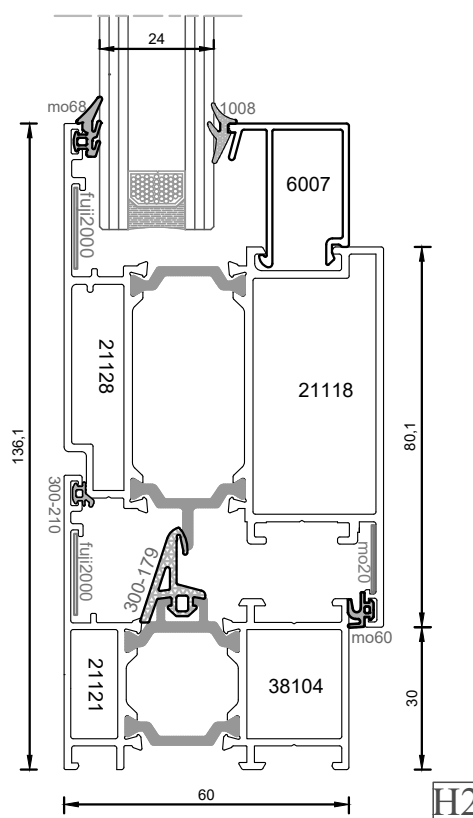
S560 Mono



H



H1



H2

CS59

CS68

CS68F

CS68H

CS77

CS77H

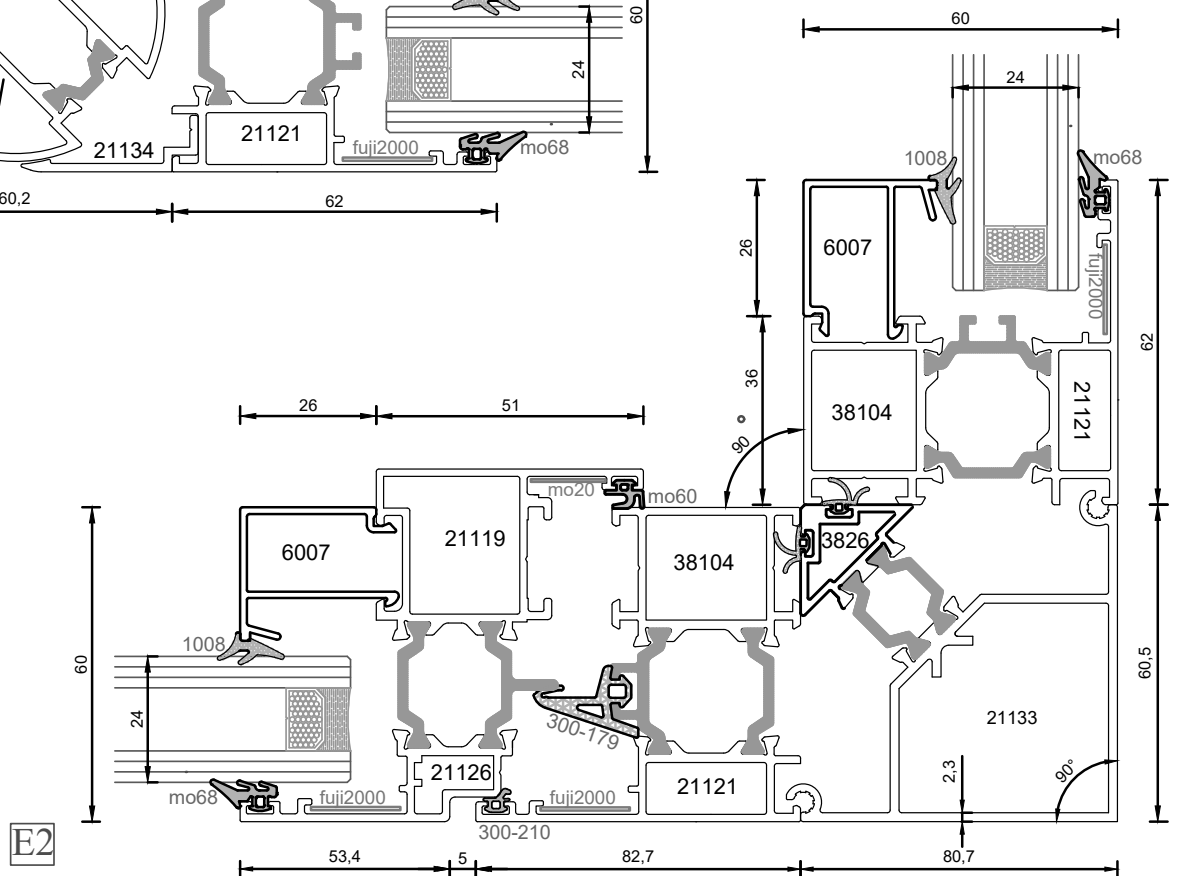
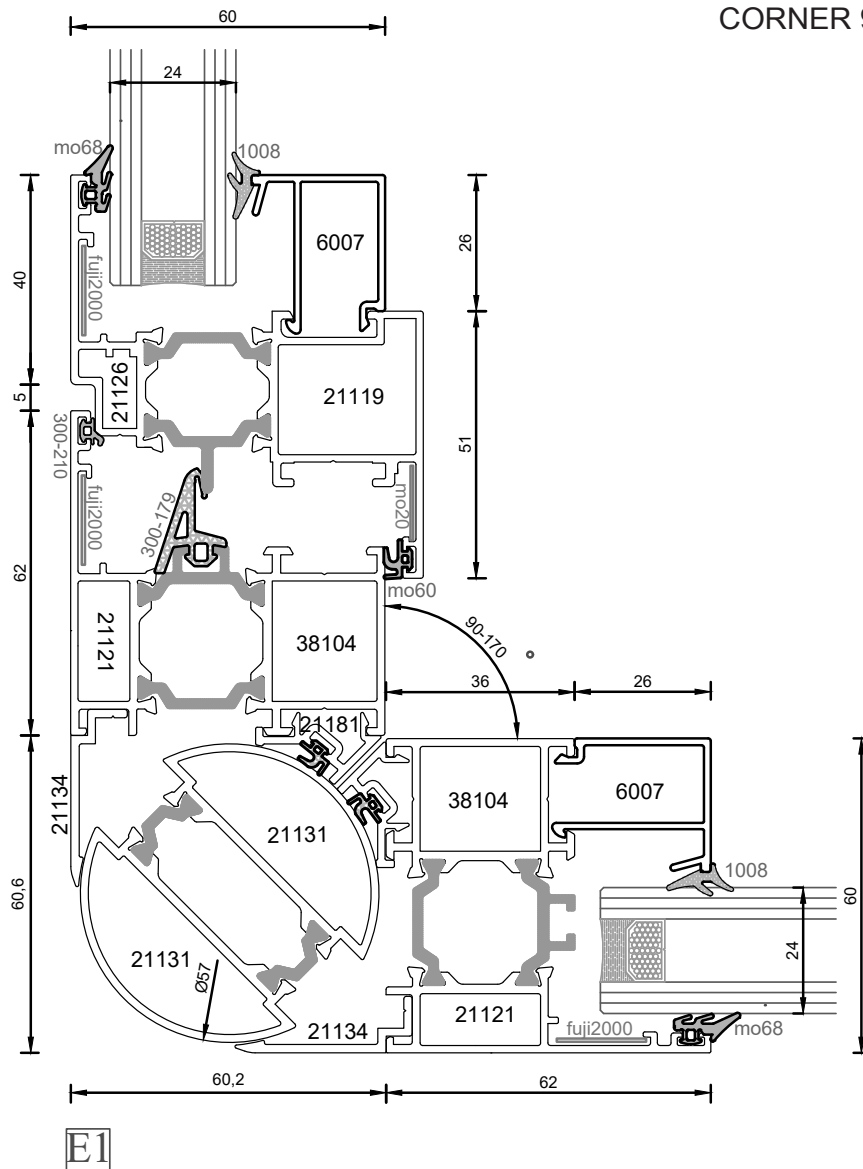
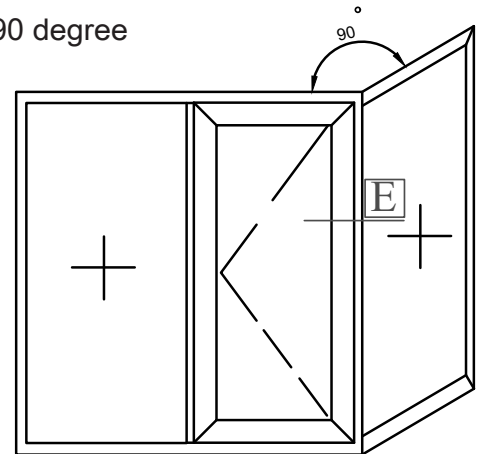
MASTERLINE8

SLIMLINE38

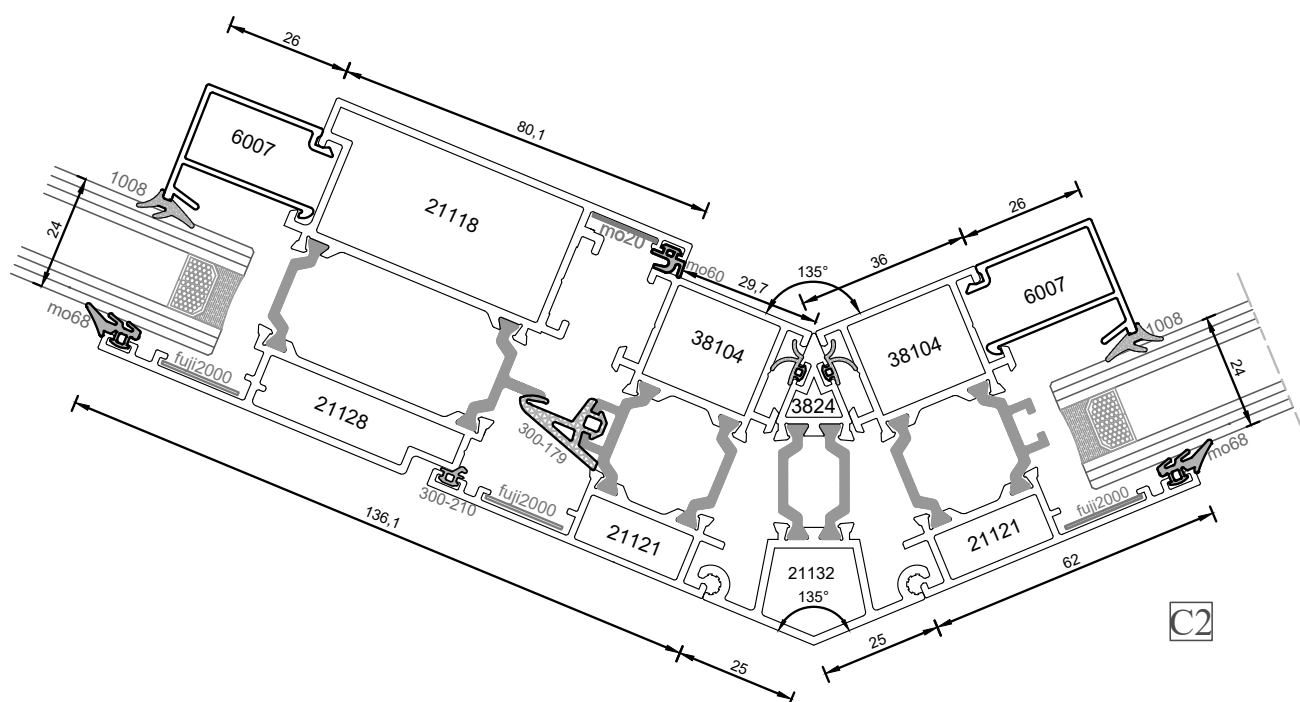
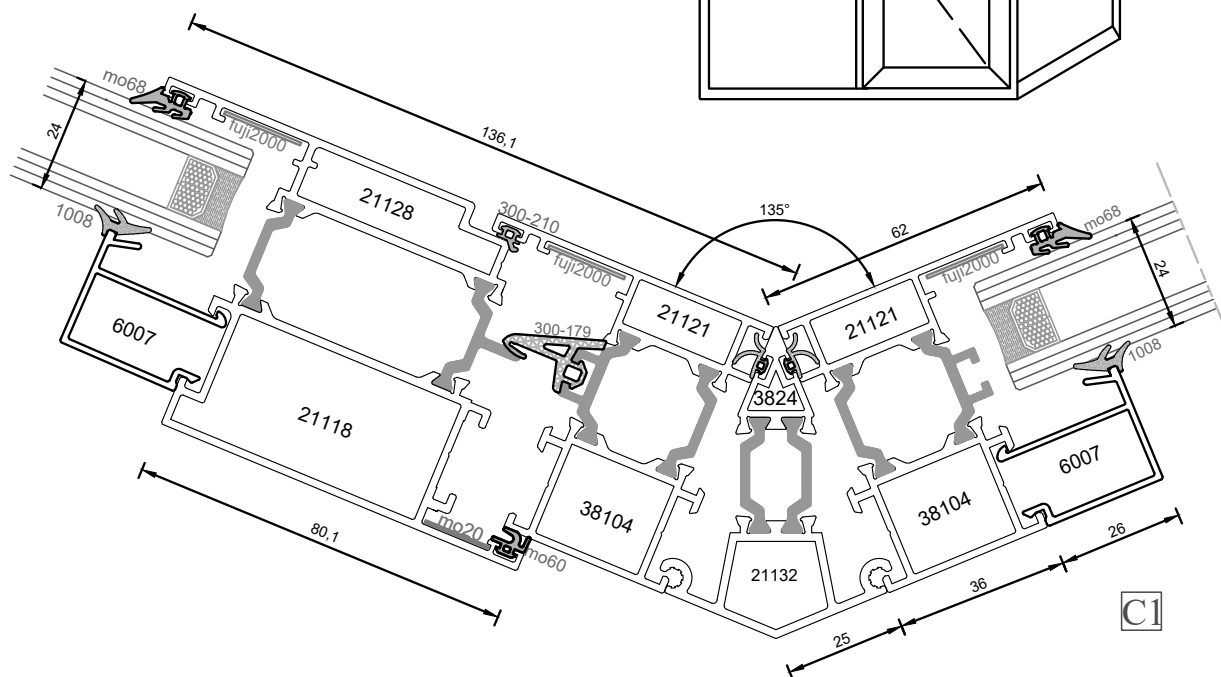
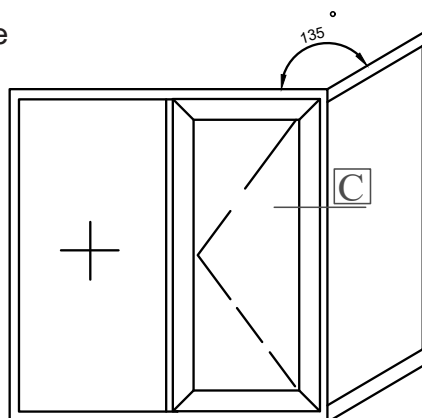
S560

S560 Mono

CORNER 90 degree



CORNER 135 degree



CS59

CS68

CS68F

CS68H

CS77

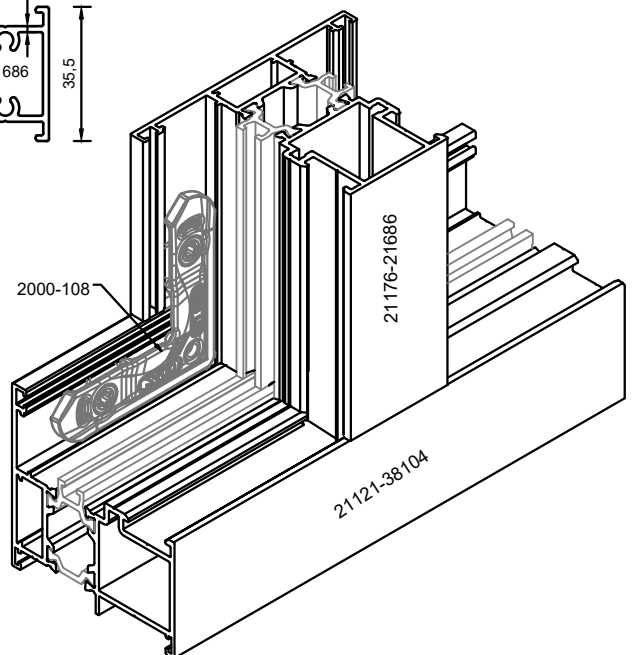
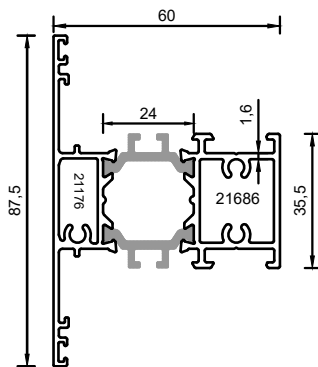
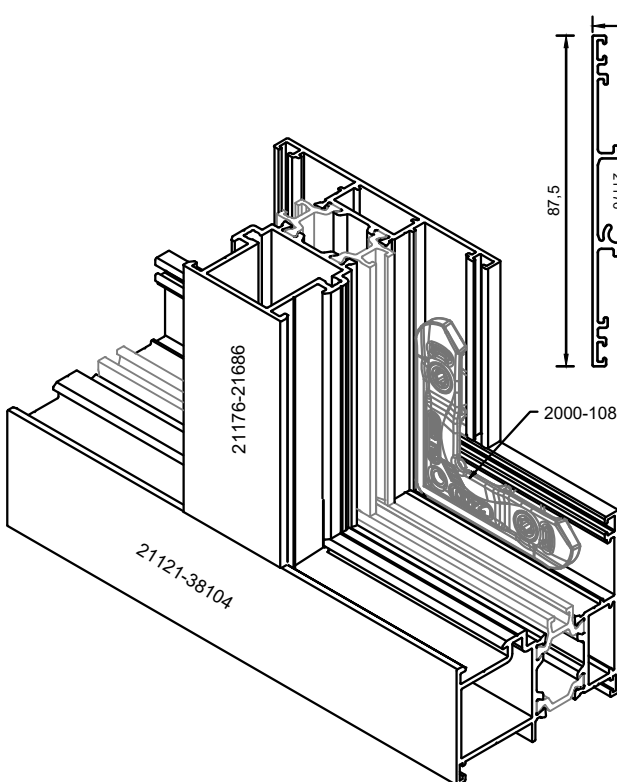
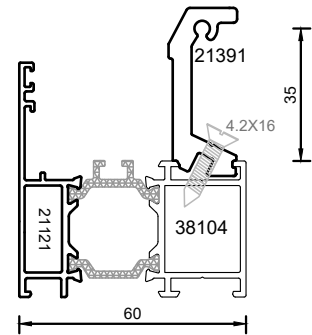
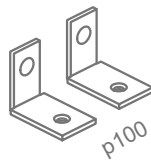
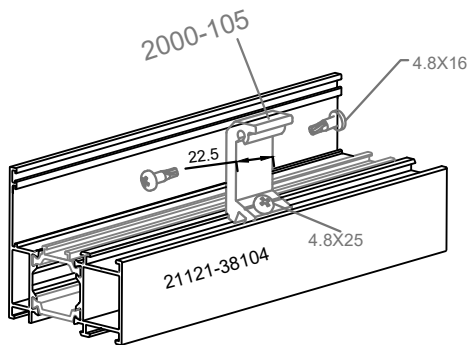
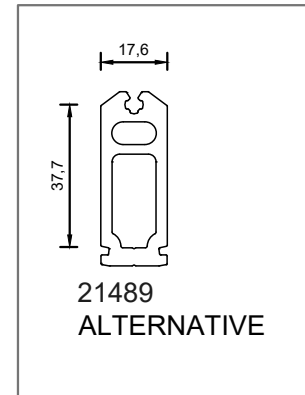
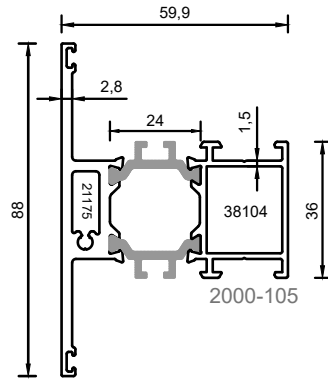
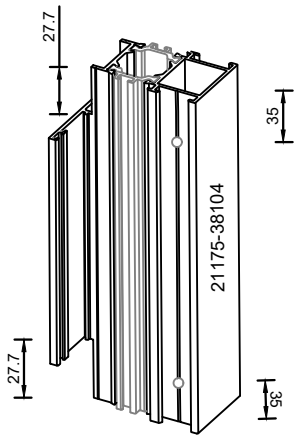
CS77H

MASTERLINE8

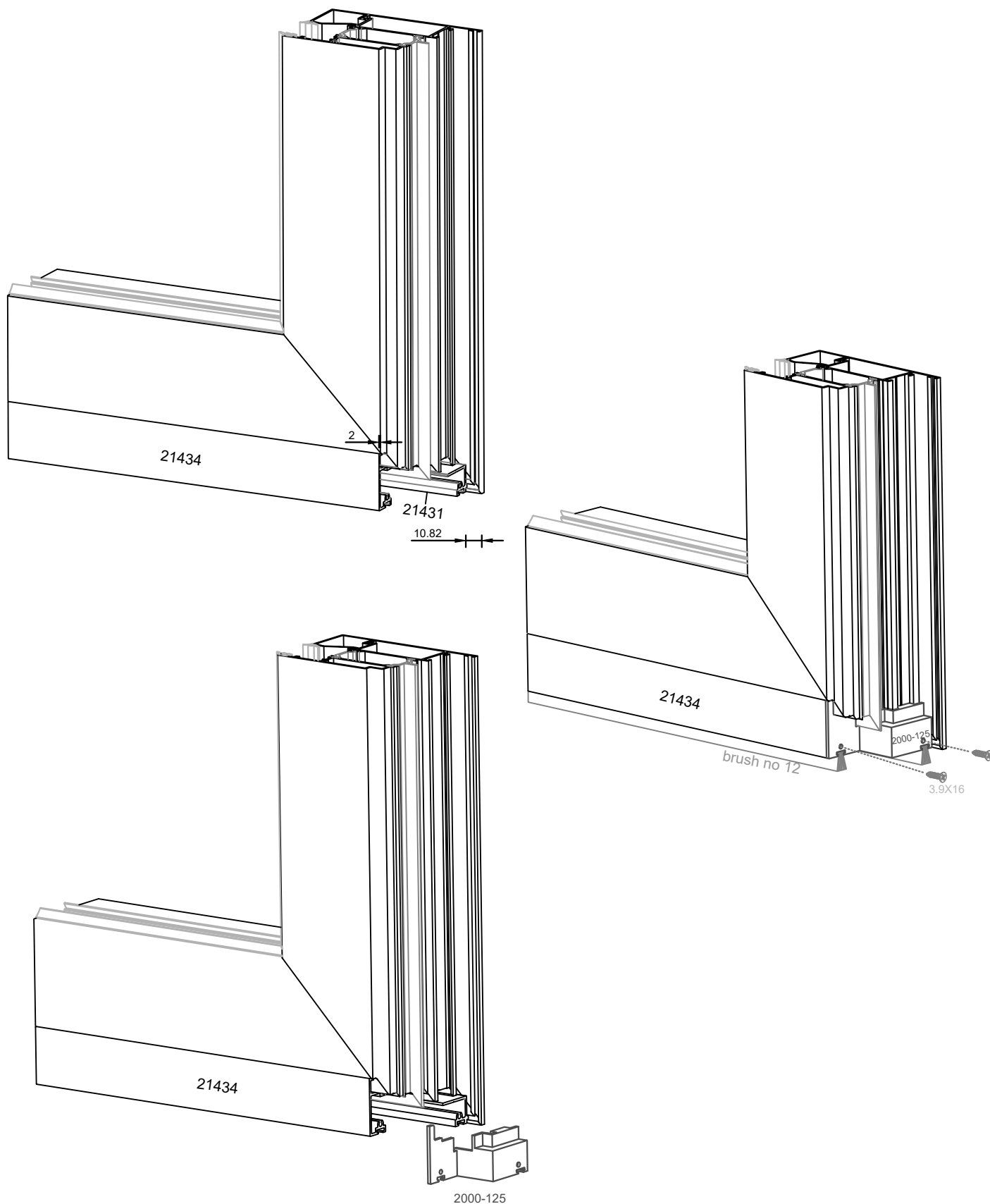
SLIMLINE38

S560

S560 Mono



Plastic cap installing at the bottom of the door



CS59

CS68

CS68F

CS68H

CS77

CS77H

MASTERLINE8

SLIMLINE38

S560

S560 Mono