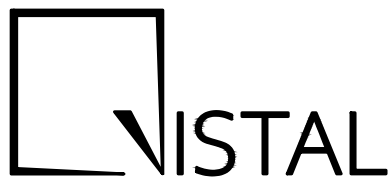


TECHNICAL CATALOG

STEEL SUPPORTED FACADE SYSTEM- FACE CAP



Mullion and Tranzem width size: 50 mm

The maximum height of the mullion: 240 mm

The minimum height of the mullion: 50 mm

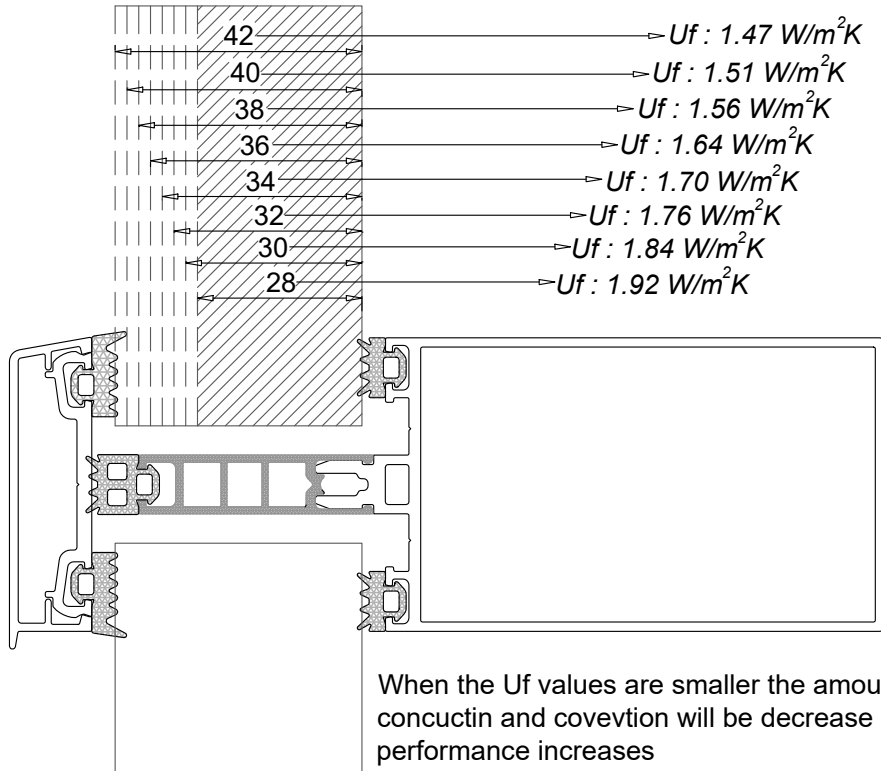
The maximum height of the tranzem: 206 mm

The minimum height of the tranzem: 50 mm

OGMGO

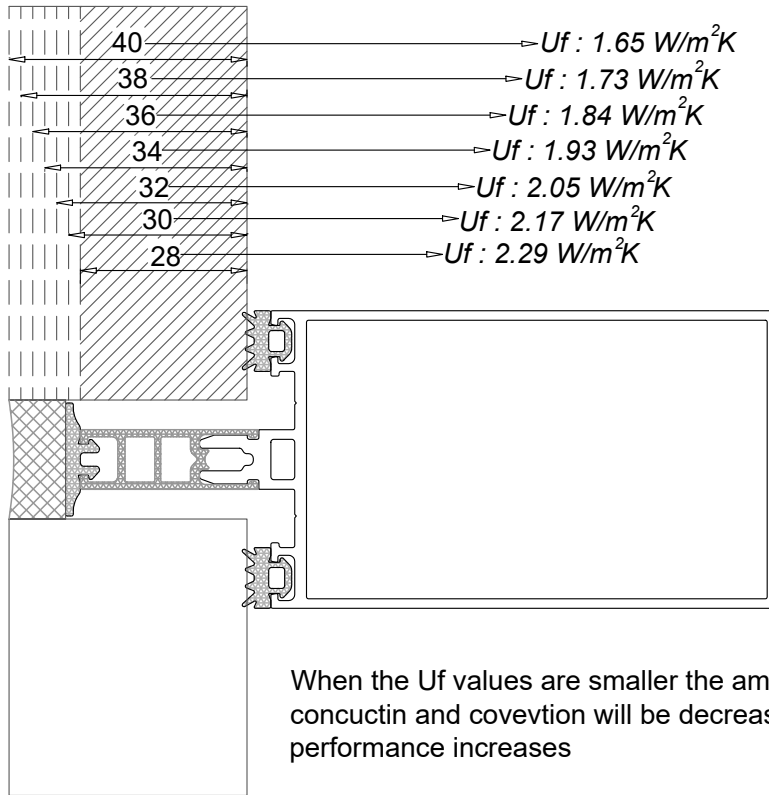
THERMAL PERFORMANCE VALUES

Uf VALUES ACCORDING TO THE GLASS THICKNESS IN CAPPED CURTAIN WALL



THERMAL PERFORMANCE VALUES

Uf VALUES ACCORDING TO THE GLASS THICKNESS IN CAPPED CURTAIN WALL



PERFORMANCE DIFFERENCES OF CONDENSATION AT FOURSIDE

1.STANDARD ALUMINIUM SPACER (6+20+6>Ug : 1.4 W/m²K)

THERMAL CALCULATION CONDITIONS	
(OUTER TEMPERATURE)	: - 10°C
(ROOM TEMPERATURE)	: 22°C
(RELATICE HUMIDITY)	: %40
EN 10077-2	

THE INSIDE AREA MARKED AS RED ON
THE GLASS SHOWS CONDENSED AREA.

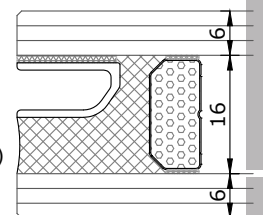
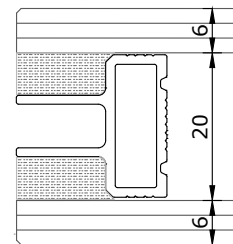
MINIMUM INSIDE TEMPERATURE VALUE (Qsi min.) WITH STANDARD ALUMINIUM SPACER BAR (20mm)

1.WARM EDGE SPACE R(6+16+6>Ug : 1.4 W/m² K)

THE INSIDE AREA MARKED AS RED ON
THE GLASS SHOWS CONDENSED AREA.

MINIMUM INSIDE TEMPERATURE VALUE (Qsi min.) WITH STANDARD ALUMINIUM SPACER BAR (16mm)

CONDENSATION PERFORMANCE INCREASES DIRECTLY PROPORTIONAL WITH RAISING OF THE MINIMUM INSIDE
TEMPERATURE VALUE (Qsi min.)


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

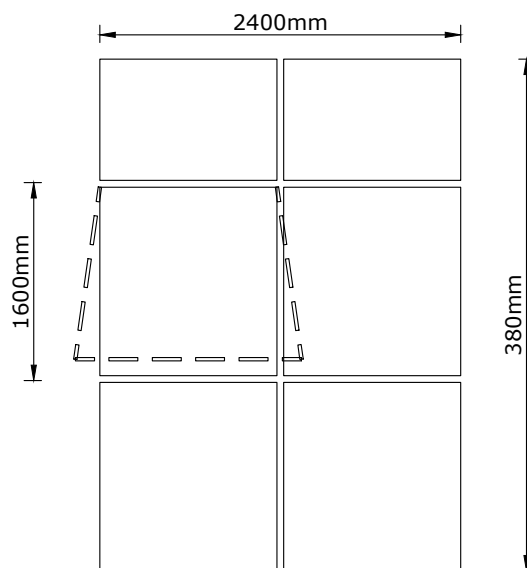
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

TEST REPORT PERFORMANCE VALUES
Test Sample Dimensions

Capped Curtain Wall

Width : 2400 mm

Height :3800 mm

Resistance to wind load value of 900 Pa is according to the usage of the mullion depth as 80mm . The reason of this mullion selection is too see the watertightness of the system clearly even under the most difficult conditions.

TEST REPORT RESULTS

(AIR PERMEABILITY)	-EN 12152	A0 (0 Pa)	A1 (150 Pa)	A2 (300 Pa)	A3 (450 Pa)	A4 (600 Pa)	
(WATHERTIGHTNESS)	-EN 12154	R4 (150 Pa)	R5 (300 Pa)	R6 (450 Pa)	R7 (600 Pa)	RE.... (750+ Pa)	RE1500 (1500 Pa)
(RESISTANCE TO WIND LOAD)	-EN 13116	900 Pa *					
(ACOUSTIC PERFORMANCE)	-EN 10140-2 EN 717-1	Rw (C ; Ctr) = <u>32.6</u> (-1.6; -3.8) dB					
(STATIC TORDION)	-EN 13115	Class 4 (350 N)					

For further information , please ask for the test reports.

THE ACCEPTANCES OF STATIC CALCULATIONS

(STANDARDS USING WITH STATIC CALCULATIONS):

TS EN 13830

LOADS USING WITH STATIC CALCULATIONS:

- 1- Horizontal Wind Load
- 2- Vertical Glass Load
- 3- Snow Load

Wind Load

(Before the static calculation , first determine the shape coefficient of wind and then according to the height of the building select the wind load value from the table below)

shape coefficient of wind:

(height of building) / (minimum width of building) $\leq$ 5 : c = 1.2

(height of building) / (minimum width of building) $\geq$ 5 : c = 1.6

shape coefficient of wind	GROUND ELEVATION (m)	WIND SPEED (m/s)	ABSORPTION (kg/m ²)	WIND LOAD (kg/m ²)
1.2	0 - 8	28	50	60
	9 - 20	36	80	96
	21 - 100	42	110	132
	$\geq$ 100	46	130	156
1.6	0 - 8	28	50	80
	9 - 20	36	80	128
	21 - 100	42	110	176
	$\geq$ 100	46	130	208

III.1

STATICAL CALCULATIONS

III.1.1

MAXIMUM DIMENSIONS FOR STANDARD CW 50

III.1.1.1 Specifications

Vertical profiles (suspension profiles) should be calculated with maximum frontal deflection of $L/200$ or 15mm for windload according to EN 13830,taking into account maximum deflection for IGU of 12mm according to EN 1279-5.(or depending on national guidelines)

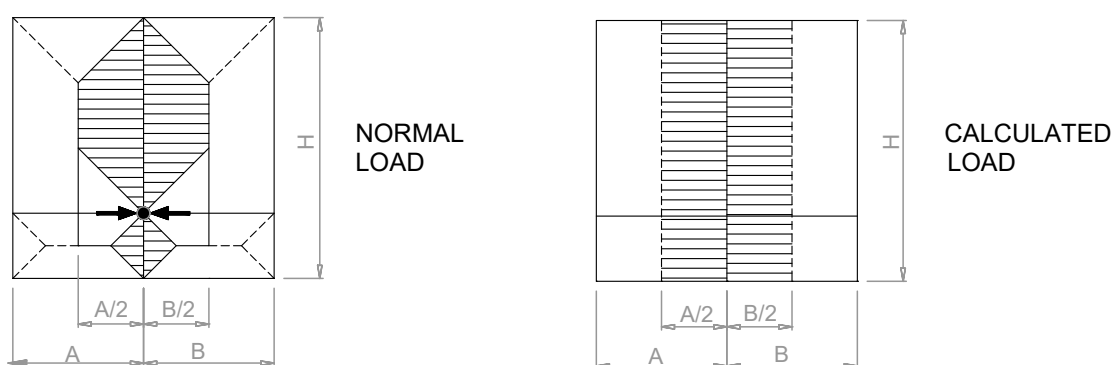


Figure 1 shows the formulas used for the calculations where 2 support points have been used.

FIGURE 1

$$q = \text{LOAD} = N/m = p \cdot b$$

$$p = \text{PRESSURE} = N/m^2 = Pa$$

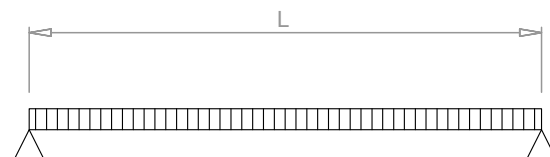
$$b = \text{WIDTH} = m = (A + B)/2$$

$$L = \text{LENGTH} = m$$

$$E = \text{YOUNG'S MODULUS} = N/mm^2 = 70000N/mm^2$$

$$I_x = \text{MOMENT OF INERTIA} = cm^4$$

$$f = \text{DEFLECTION} = mm$$



$$f = \frac{5 \times q \times L^4}{384 \times E \times I_x} \times 10^5$$

Figure 2 shows the formulas used for the calculations where 3 support points have been used.

FIGURE 2

$$q = \text{LOAD} = N/m = p \cdot b$$

$$p = \text{PRESSURE} = N/m^2 = Pa$$

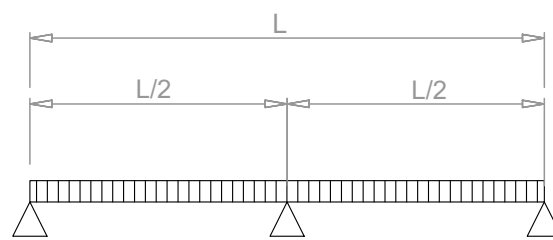
$$b = \text{WIDTH} = m = (A + B)/2$$

$$L = \text{LENGTH} = m$$

$$E = \text{YOUNG'S MODULUS} = N/mm^2 = 70000N/mm^2$$

$$I_x = \text{MOMENT OF INERTIA} = cm^4$$

$$f = \text{DEFLECTION} = mm$$



$$f = \frac{q \times L^4}{2960 \times E \times I_x} \times 10^5$$

Horizontal profiles (transom profiles) should be calculated with maximum frontal deflection of L/200 or 15mm for wind load according to EN 13830, taking into account maximum deflection for IGU of 12mm according to EN 1279-5.(or depending on national guidelines)

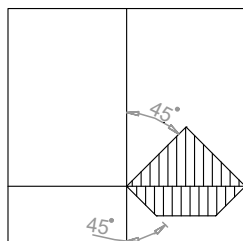


FIGURE 3

Triangular distribution :

q= LOAD = N/m = p . B/2

p = PRESSURE = N/m² = Pa

B = WIDTH = m

E = YOUNG'S MODULUS = 70000 N/mm²

f = DEFLECTION = mm

I_x = MOMENT OF INERTIA = cm⁴

$$I_x = \frac{q \times B^4}{120 \times E \times f} \times 10^5$$

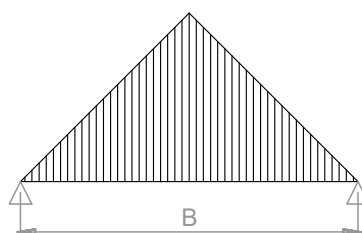


FIGURE 4

Trapezoid distribution :

q= LOAD = N/m = p . a

B = LENGTH = m

E = YOUNG'S MODULUS = N/mm² = 70000 N/mm²

f = DEFLECTION = mm

I_x = MOMENT OF INERTIA = cm⁴

a = PANEL HEIGHT / 2 = m

$$I_x = \frac{q \times B^4}{1920 \times E \times f} \times \left(25 - 40 \times \frac{a^2}{B^2} + 16 \times \frac{a^4}{B^4} \right) \times 10^5$$



Horizontal profiles (transom profiles) should be calculated with maximum frontal deflection of L/500 or 3mm for dead load(self weight) according to EN 13830,(or depending on national guidelines E.g. maximum deflection of 2mm in the netherlands)

FIGURE 4

F = FORCE = N = 10 x G/2

B = LENGTH = m

E = YOUNG'S MODULUS = N/mm² = 70000 N/mm²

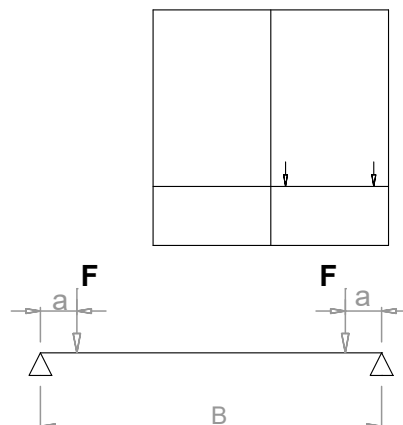
I_y = MOMENT OF INERTIA = cm⁴

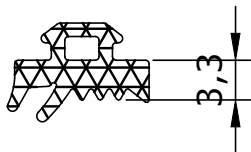
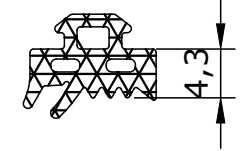
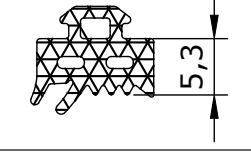
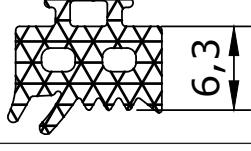
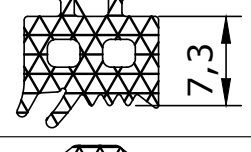
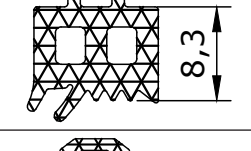
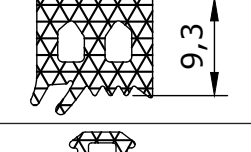
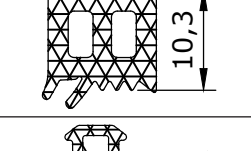
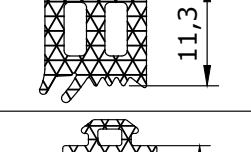
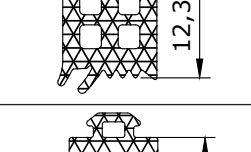
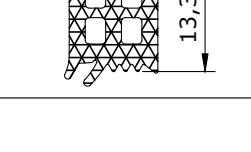
f = DEFLECTION = mm

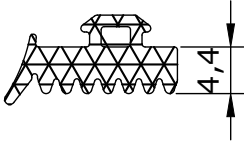
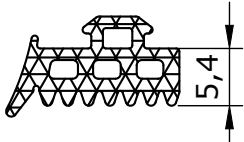
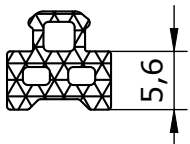
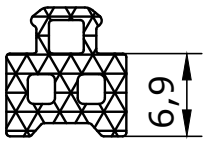
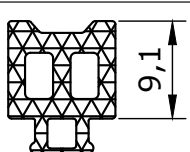
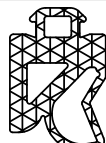
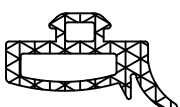
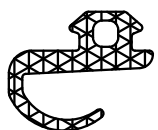
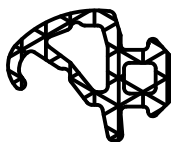
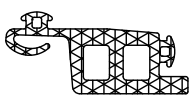
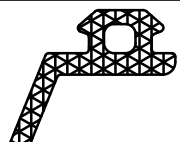
a = DISTANCE TO GLASS SUPPORT = m

G = GLASS WEIGHT = kg

$$I_y = \frac{F \times a}{24 \times E \times f} \times \left(3 \times B^2 - 4 \times a^2 \right) \times 10^5$$



Shape	Codee	Description
	CW03	inner glazing gasket - 3mm 54 g/m
	CW04	inner glazing gasket - 4mm 62 g/m
	CW05	inner glazing gasket - 5mm 82 g/m
	CW06	inner glazing gasket - 6mm 92 g/m
	CW07	inner glazing gasket - 7mm 102 g/m
	CW08	inner glazing gasket - 8mm 106 g/m
	CW09	inner glazing gasket - 9mm 121 g/m
	CW10	inner glazing gasket - 10mm 128 g/m
	CW11	inner glazing gasket - 11mm 136 g/m
	CW12	inner glazing gasket - 12mm 144 g/m
	CW13	inner glazing gasket - 13mm 149 g/m

Shape	Codee	Description
	CW40	pressureplate gasket - 4mm 92 g/m
	CW41	pressureplate gasket - 5mm 95 g/m
	PW40	central epdm gasket - 5.5mm 72 g/m
	PW41	central epdm gasket - 7mm 85 g/m
	PW51	central epdm gasket - 9mm 99 g/m
	CW617	mullion gasket 114 g/m
	CW627	pressureplate gasket 75 g/m
	CW624	frame gasket 61 g/m
	CW623	glazing gasket inside 29 g/m
	CW628	frame gasket 146 g/m
	CW55	sash gasket 53 g/m

FACE CAP
CW65

STRUCTURAL GLAZING
CW65

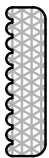
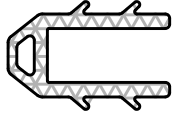
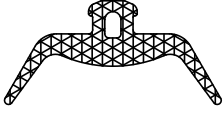
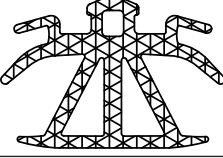
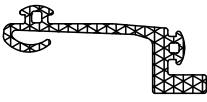
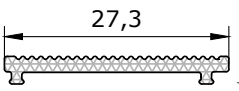
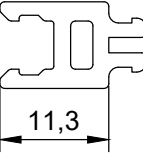
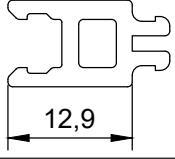
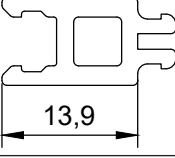
FACE CAP
CW50

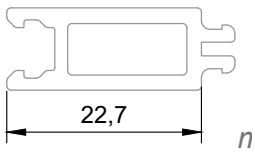
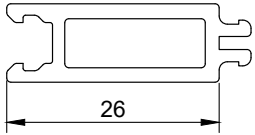
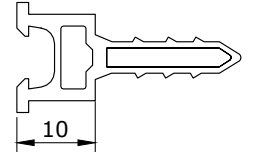
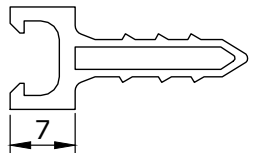
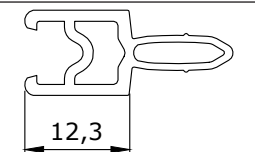
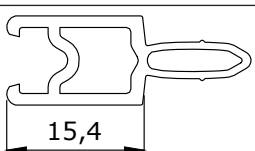
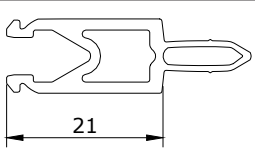
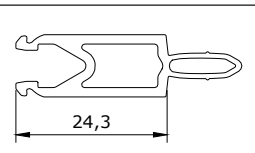
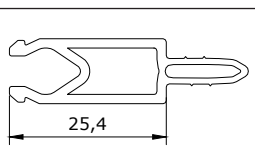
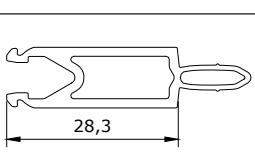
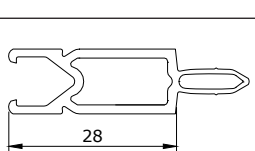
STRUCTURAL GLAZING
CW50

SLIDING FOLDING
SF-50T

HANDRAIL

SKY LIGHT

Shape	Codee	Description
	CW59	sash gasket
	CW57	sash gasket 49 g/m
	CW189	gaskets for clamping profile 21932 38 g/m
	CW616	silicone filling gasket 123 g/m
	CW618	silicone filling gasket 200 g/m
	CW629	frame gasket 93 g/m
	300-15	glass suport gasket 66 g/m
	NP028	mullion or transom front izalator
	NP094	mullion or transom front izalator
	NP021	mullion or transom front izalator
	NP121	mullion or transom front izalator

Shape	Codee	Description
	NP095	mullion or transom front izalator
	NP902	mullion or transom front izalator
	NP086	mullion or transom front izalator
	NP207	mullion or transom front izalator
	NP278	mullion or transom front izalator
	NP139	mullion or transom front izalator
	NP140	mullion or transom front izalator
	NP143	mullion or transom front izalator
	NP283	mullion or transom front izalator
	NP144	mullion or transom front izalator
	NP141	mullion or transom front izalator

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

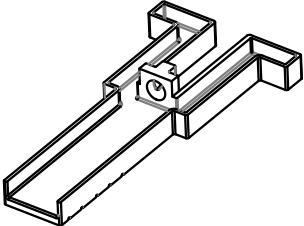
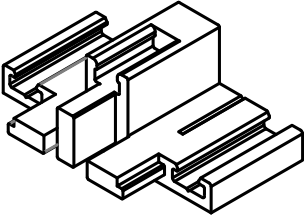
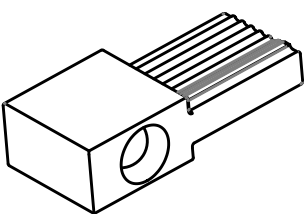
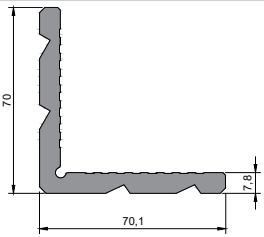
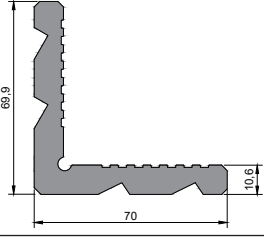
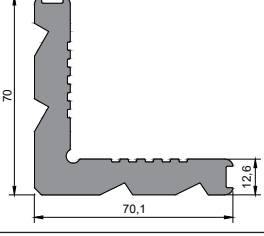
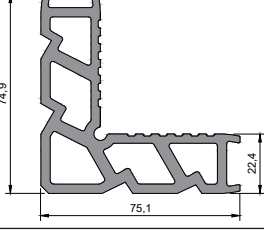
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

Shape	Codee	Description
	2000-209	Water drain part
	2000-210	Horizontal to horizontal profile installation adapter
	2000-211	Vertical to vertical profile installation adapter
	C7.8	corner cleat 2.645 kg/m
	C10.6	corner cleat 3.43 kg/m
	C12.6	corner cleat 4.02 kg/m
	C22.4	corner cleat 3.67 kg/m

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

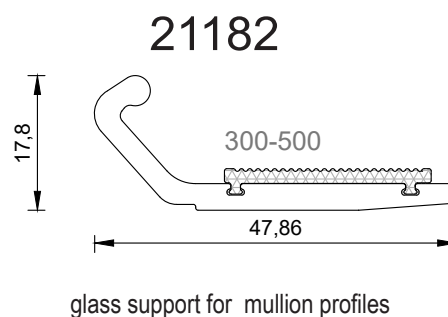
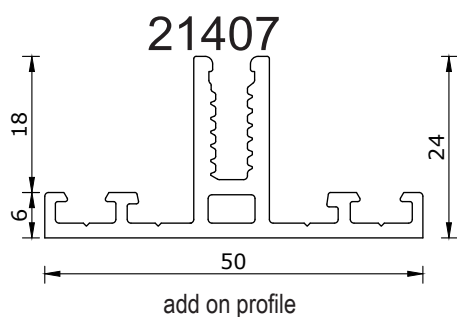
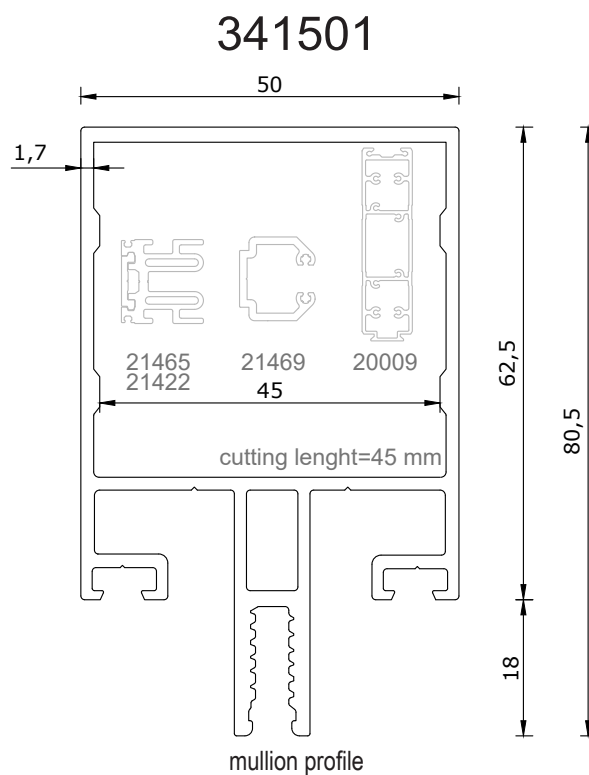
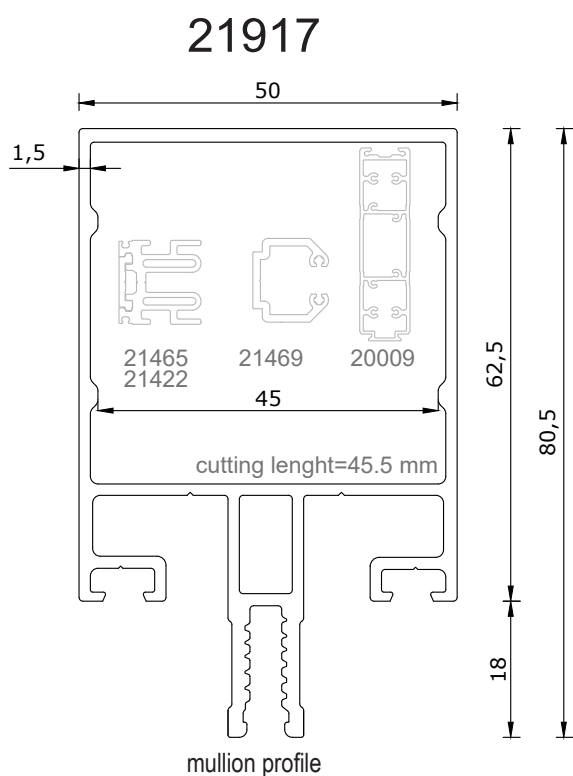
CW50
STRUCTURAL GLAZING

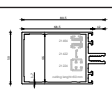
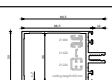
SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21917	1.510	30.8	16.41
341501	1.700	34.59	18.12
21407	0.765	0.9	3.3
21182	0.530	-	-

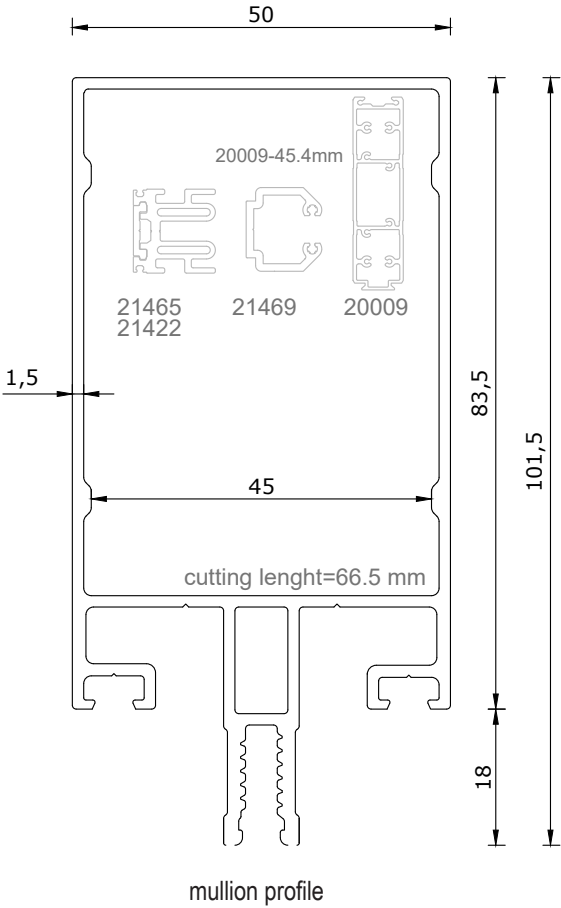


profile	horizontal profile	shape
21917	342522	
341501	342522	

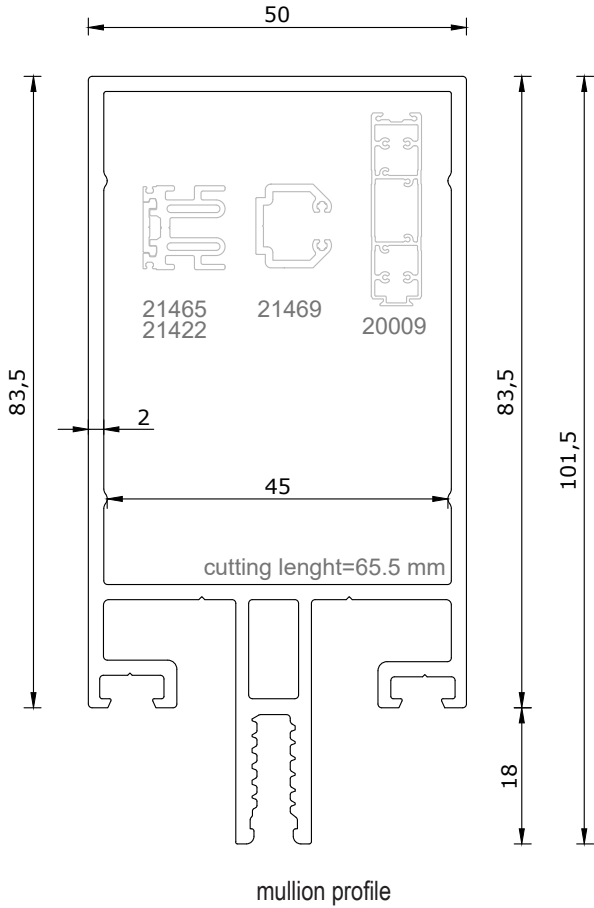
scale 1:1

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21916	1.700	59.77	73.08
21476	2.030	20.34	24.56

21916



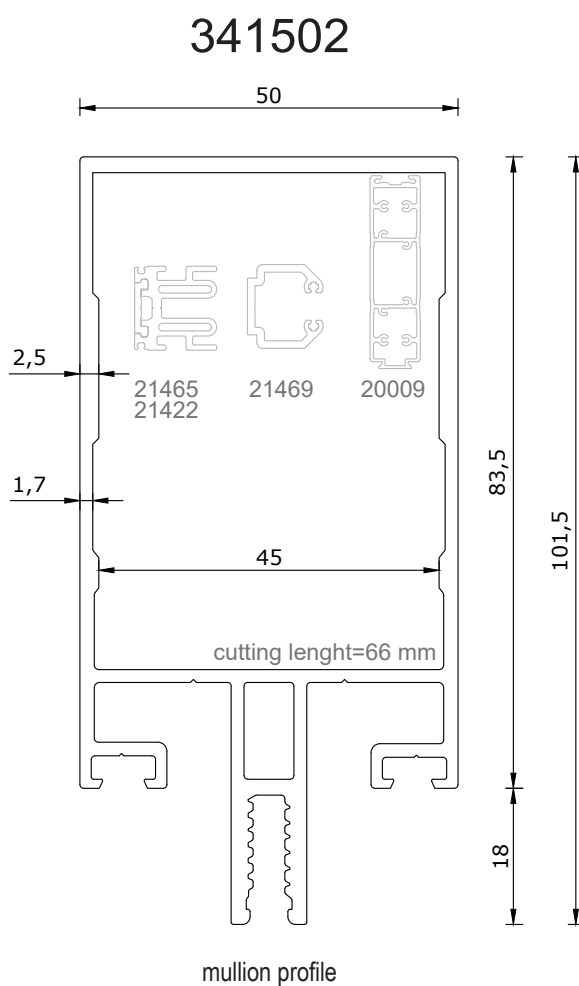
21476



profile	horizontal profile	shape
21916	342523	
21476	342523	

scale 1:1

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
341502	1.980	67.66	23.68

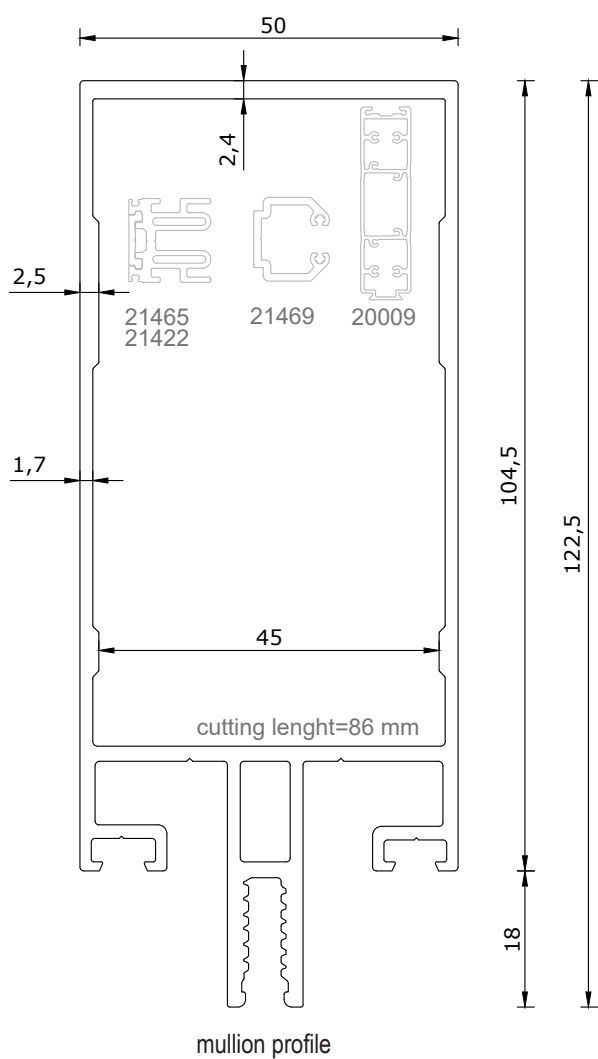


profile	horizontal profile	shape
341502	342523	

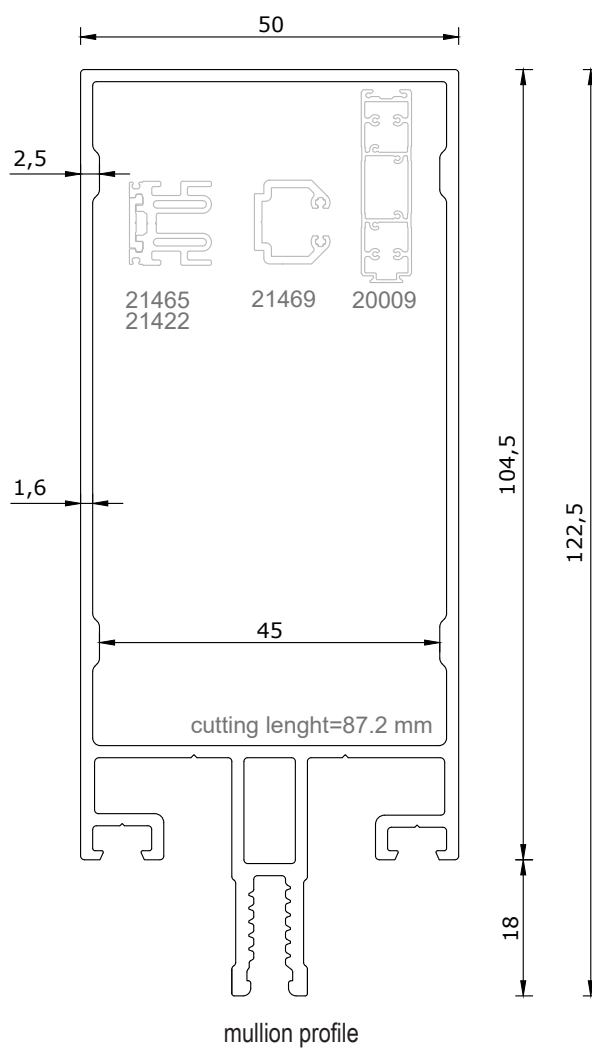
scale 1:1

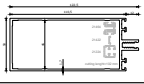
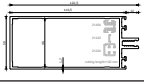
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
341503	2.316	128.69	28.63
21592	1.980	106.03	25.64

341503



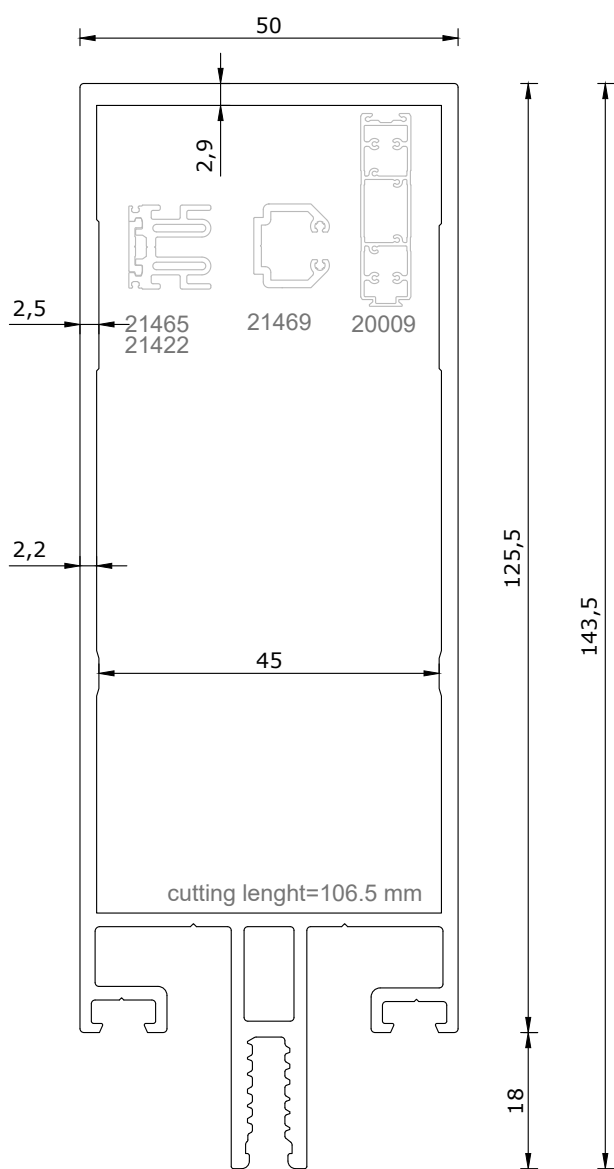
21592



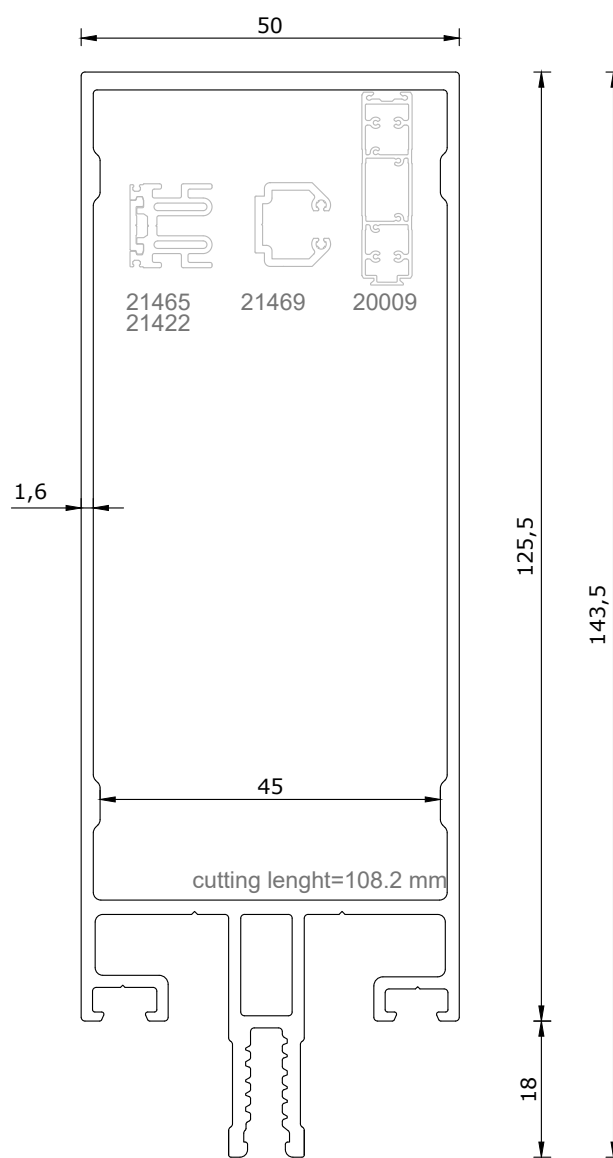
profile	horizontal profile	shape
341503	342524	
21592	342524	

scale 1:1

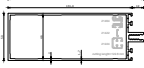
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
341505	1.980	67.66	23.68
21593	2.172	164.39	29.4

341505


mullion profile

21593


mullion profile

profile	horizontal profile	shape
341505	342525	
21593	342525	

scale 1:1

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

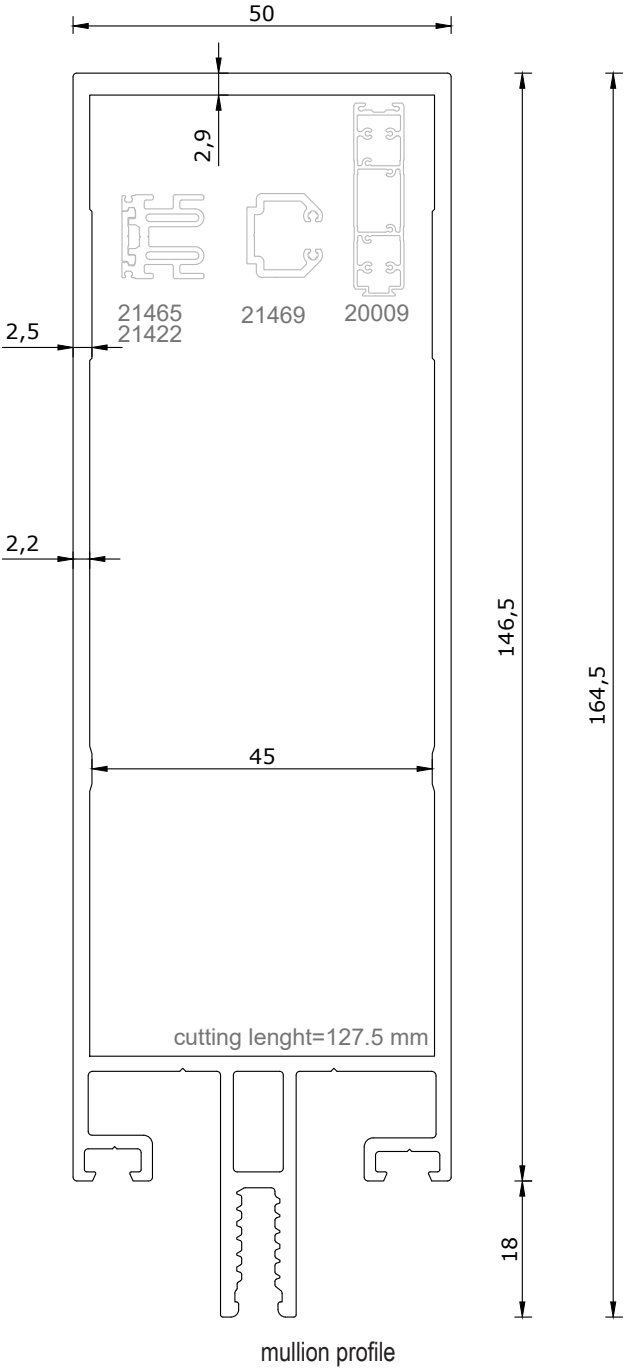
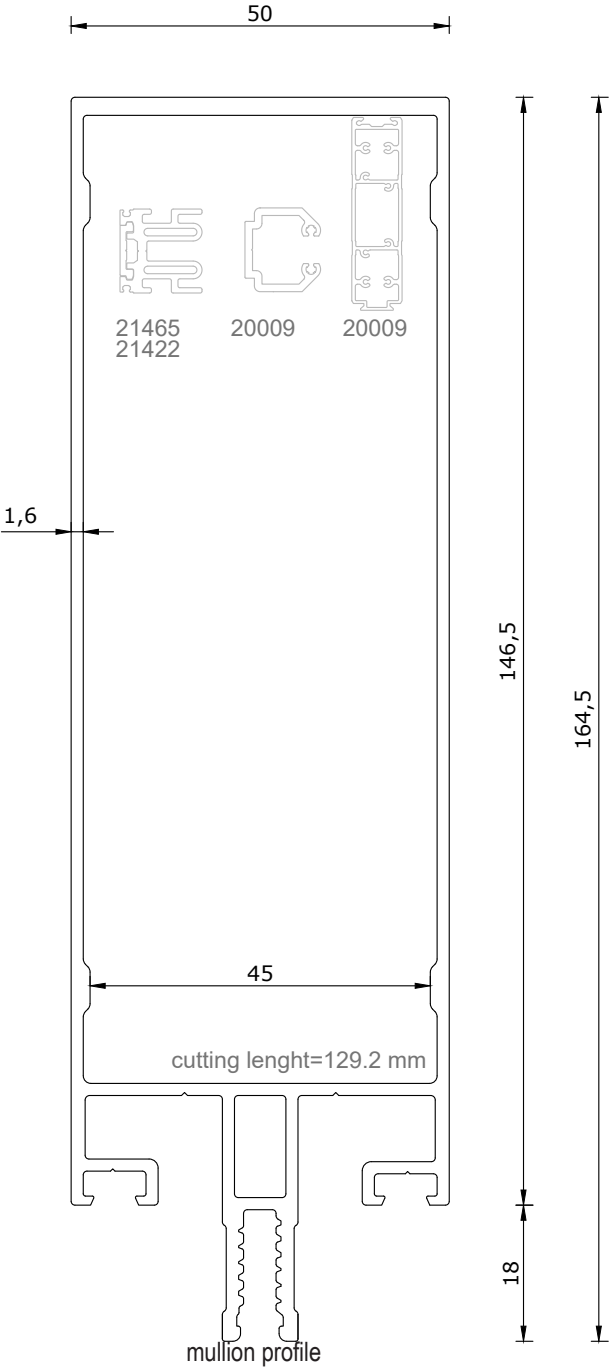
HANDRAIL

SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21594	2.362	234	33.32
341506	3.085	317.38	42.82

21594

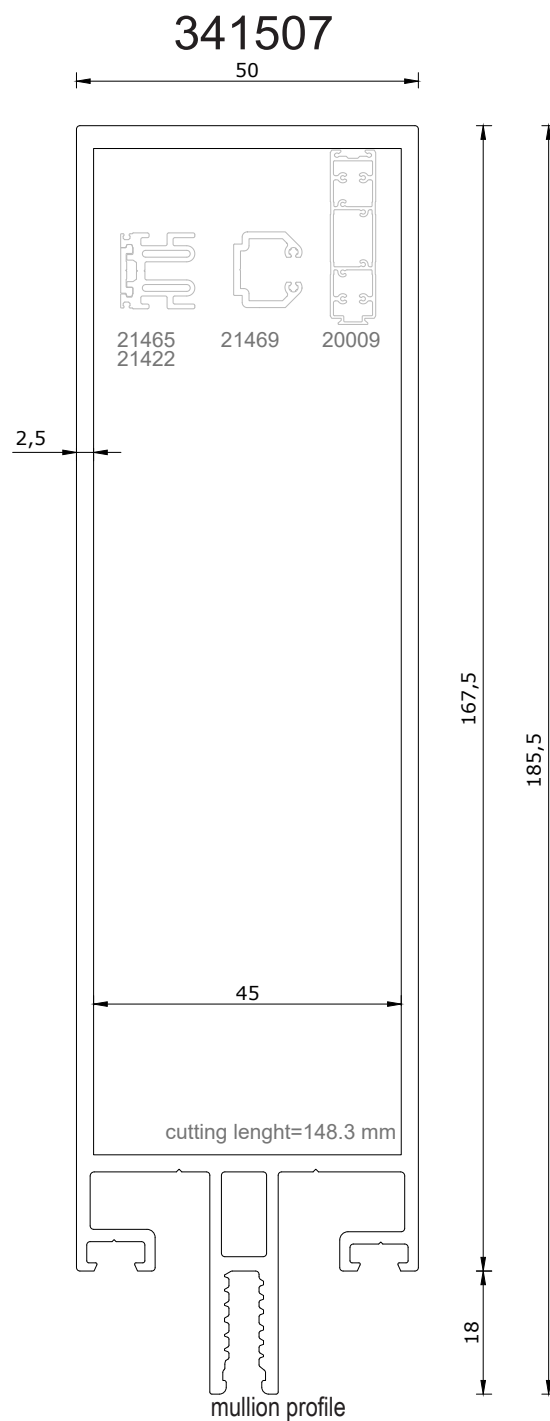
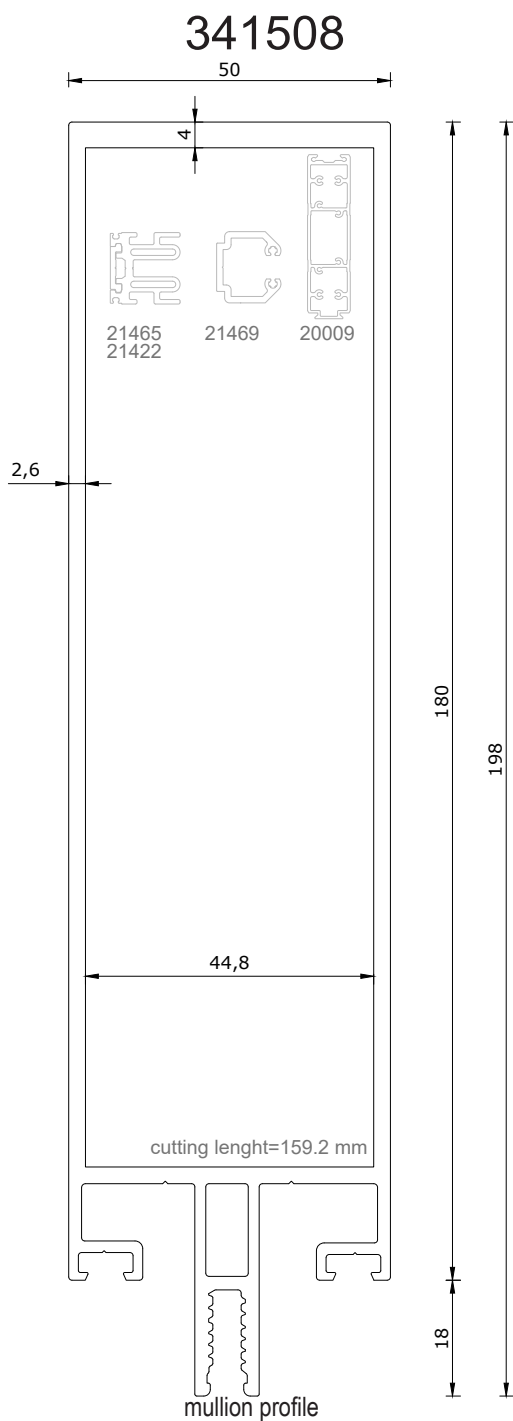
341506

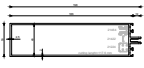
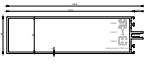


profile	horizontal profile	shape
21594	342526	
341506	342526	

scale 1:1

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
341508	4.05	604.83	58.36
341507	3.568	445.46	52



profile	horizontal profile	shape
341508	21473	
341507	342527	

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

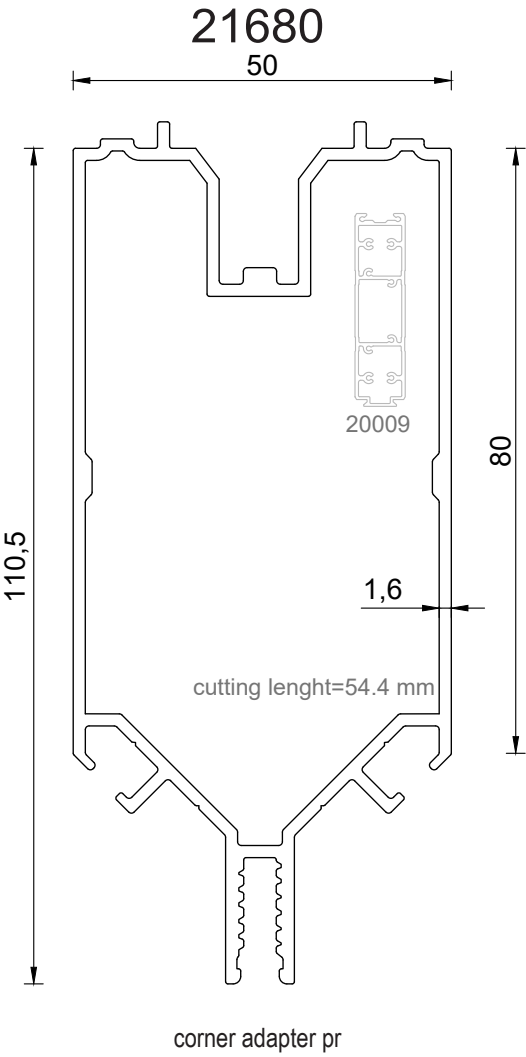
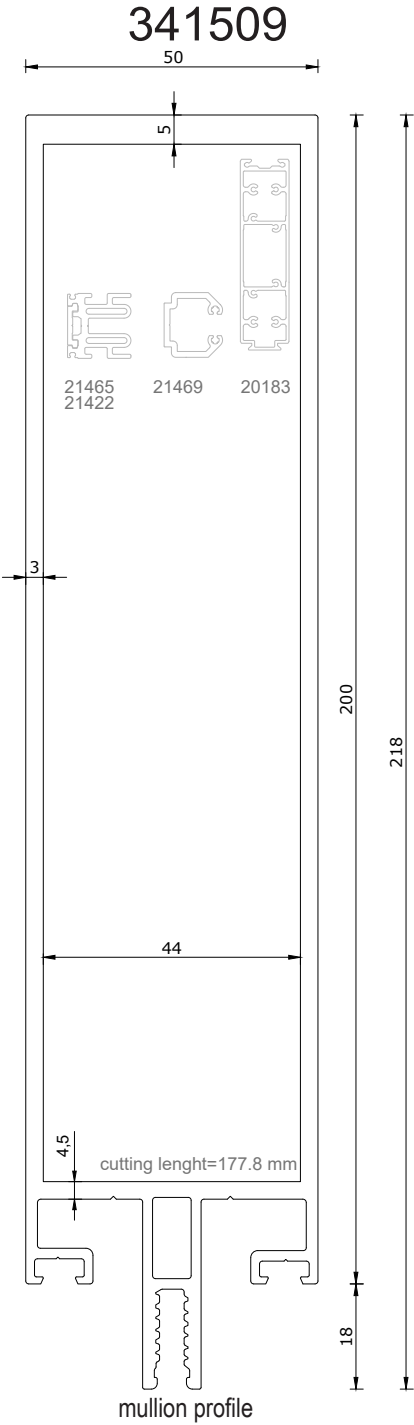
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

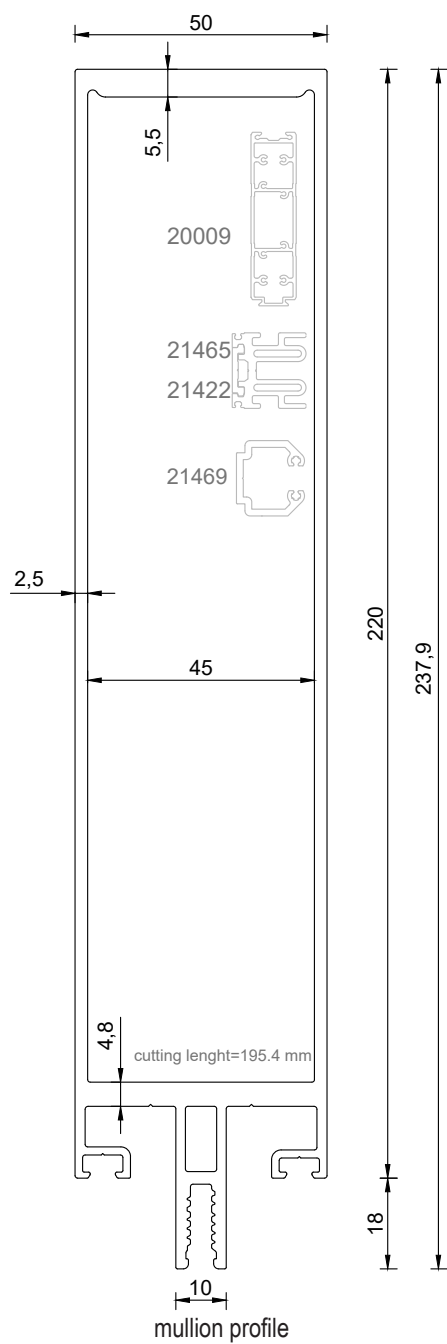
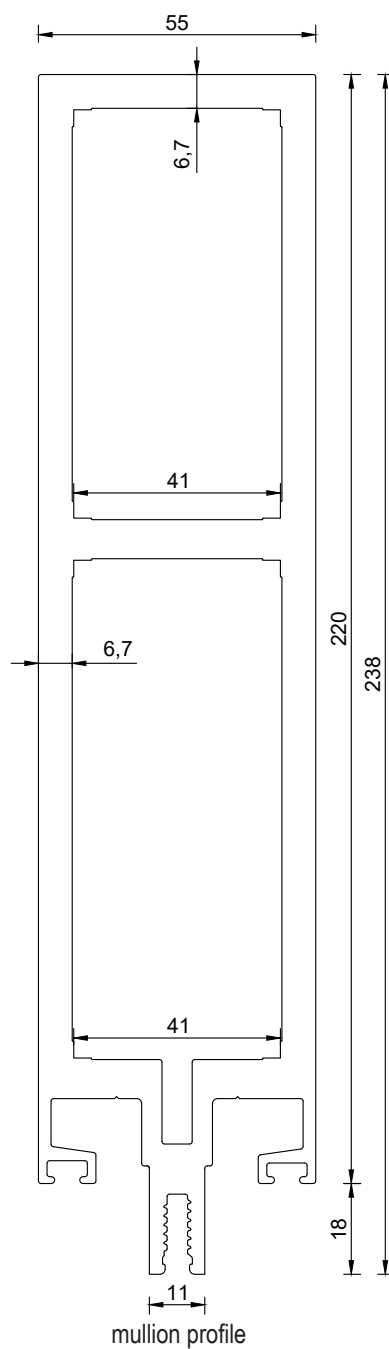
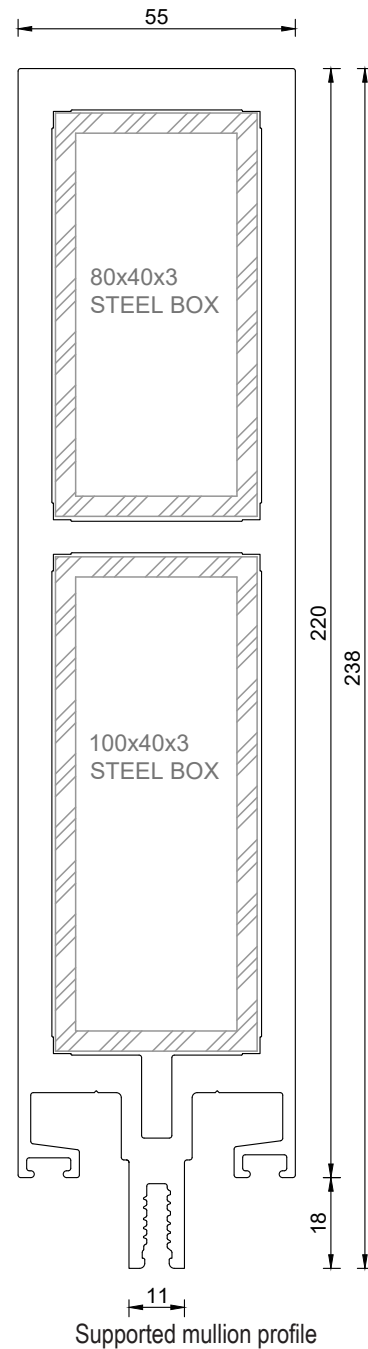
SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
341509	4.931	881.25	72.30
21680	1.81	81.74	20.15



profile	horizontal profile	shape
341509	21474	

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21470	4.800	1135.08	70.43
21471	10.750	2051.35 - 2452.35	180.77 - 334.53

21470

21471

21471

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

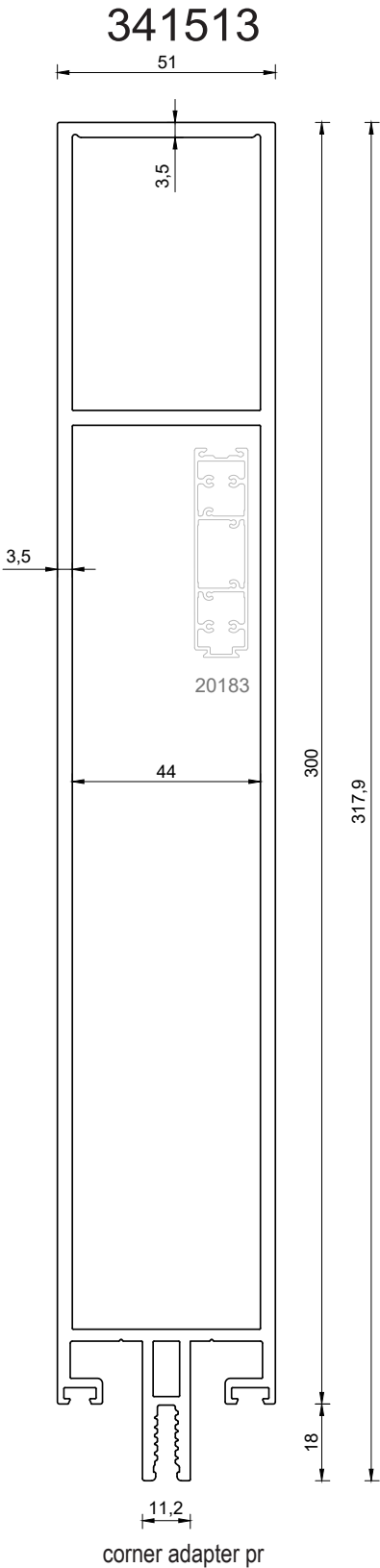
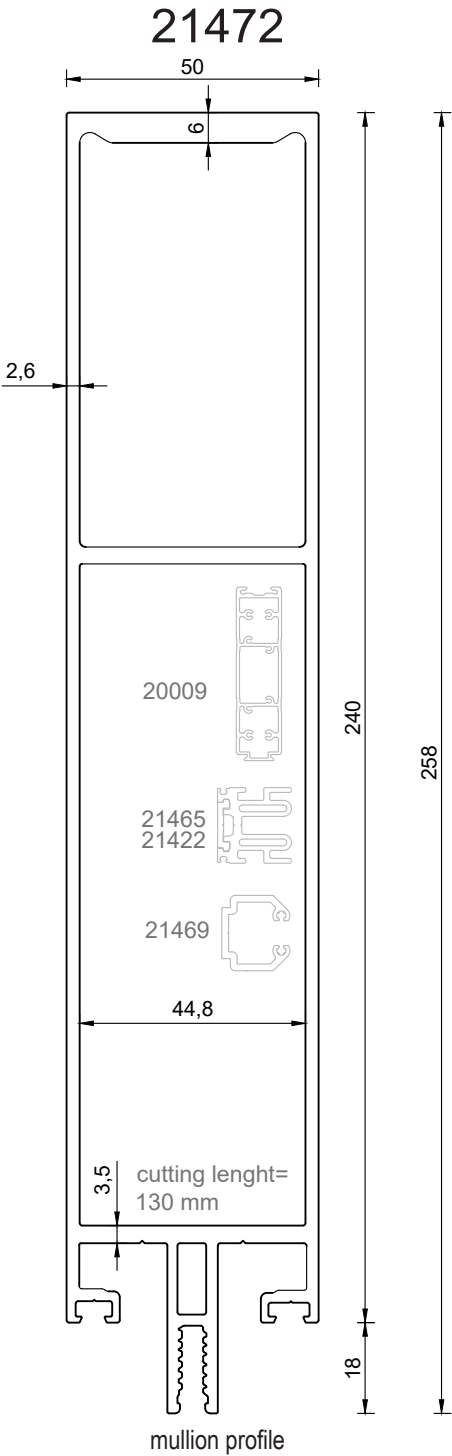
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

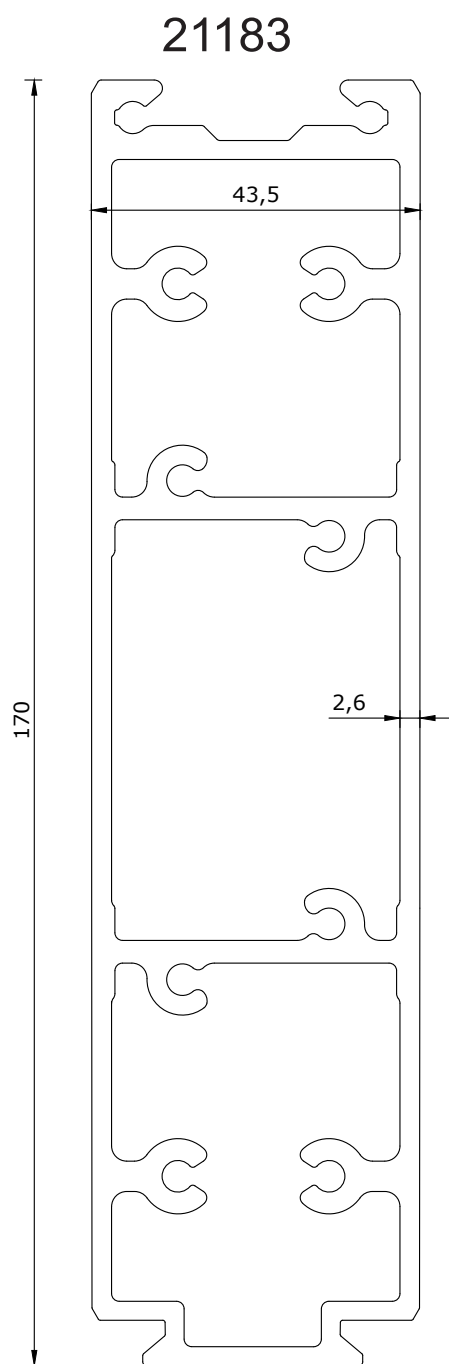
HANDRAIL

SKY LIGHT

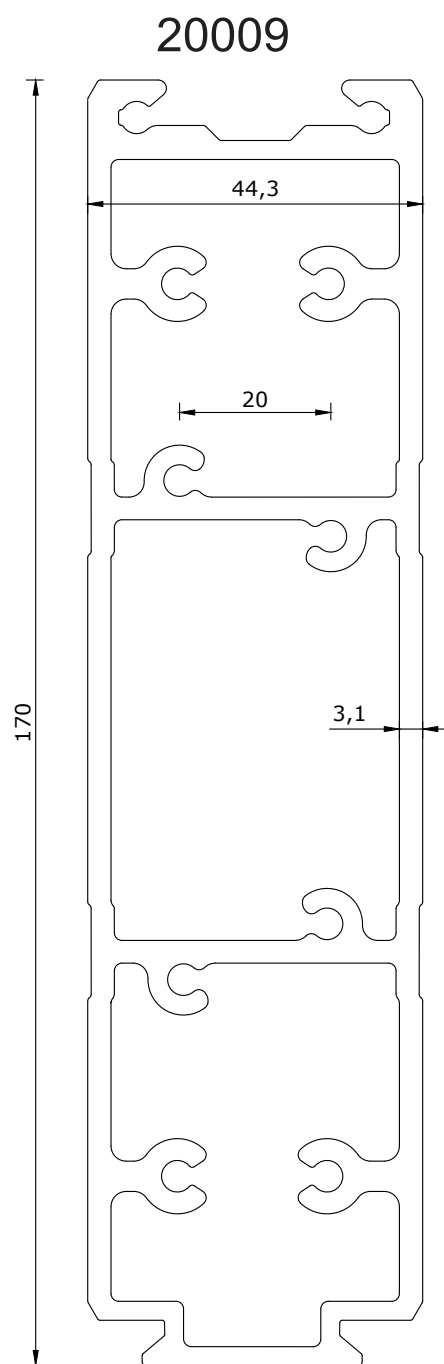
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21472	5.580	1483.69	79.15
341513	7.500	2690.01	126.49



CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21183	5.326	556.34	561.66
20009	5.665	56.05	56.45



connection and expansion pr



connection and expansion pr

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

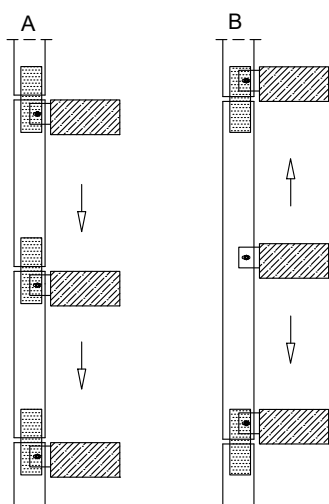
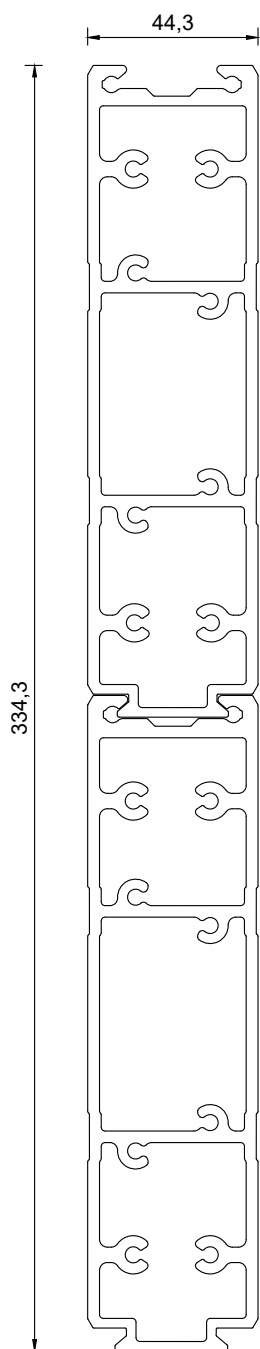
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

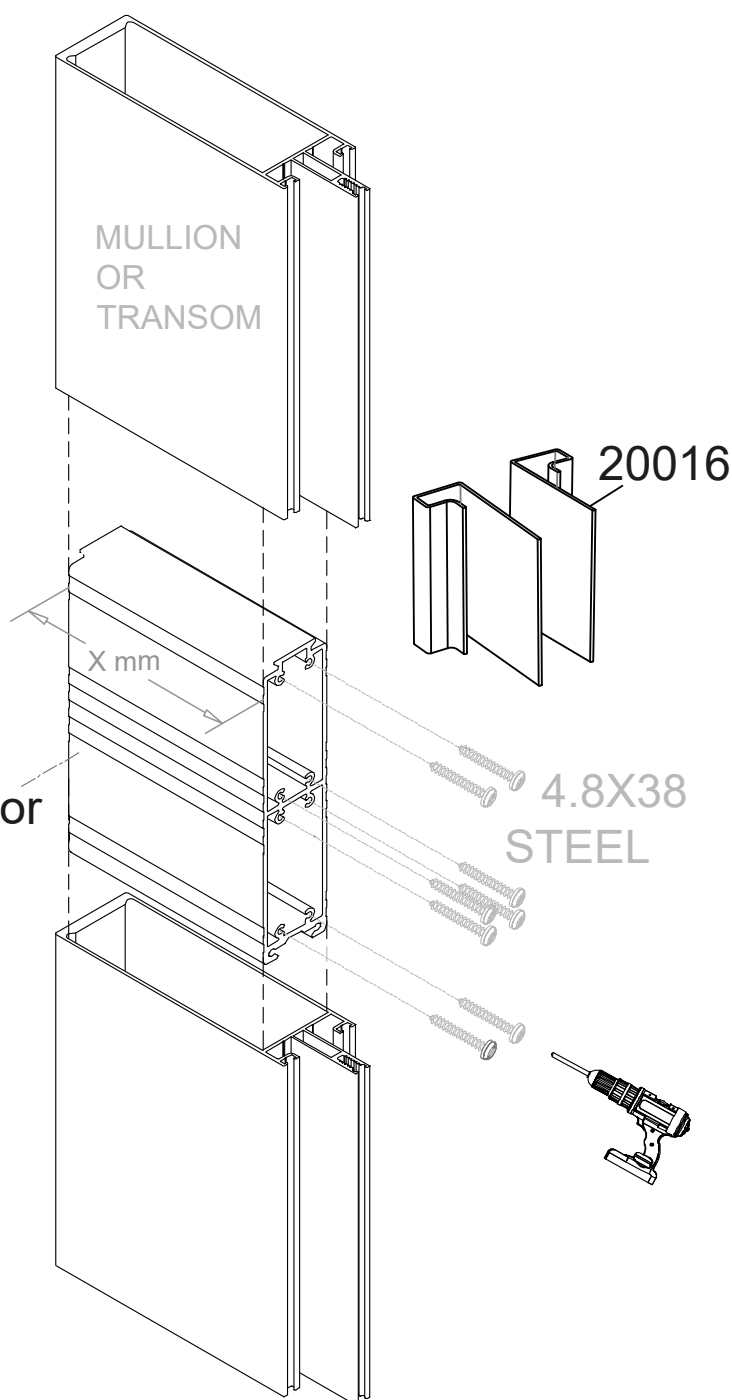
SF-50T
SLIDING FOLDING

HANDRAIL

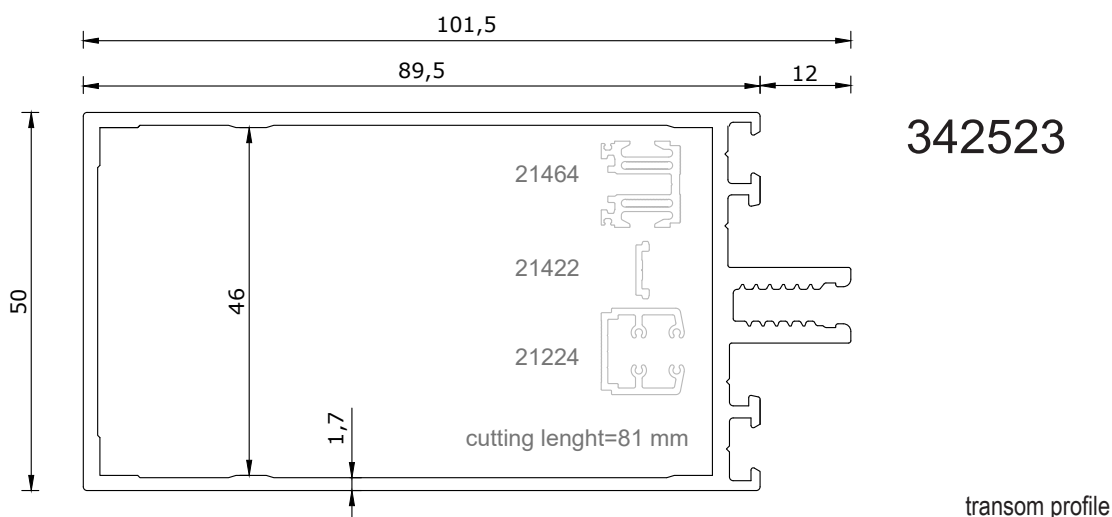
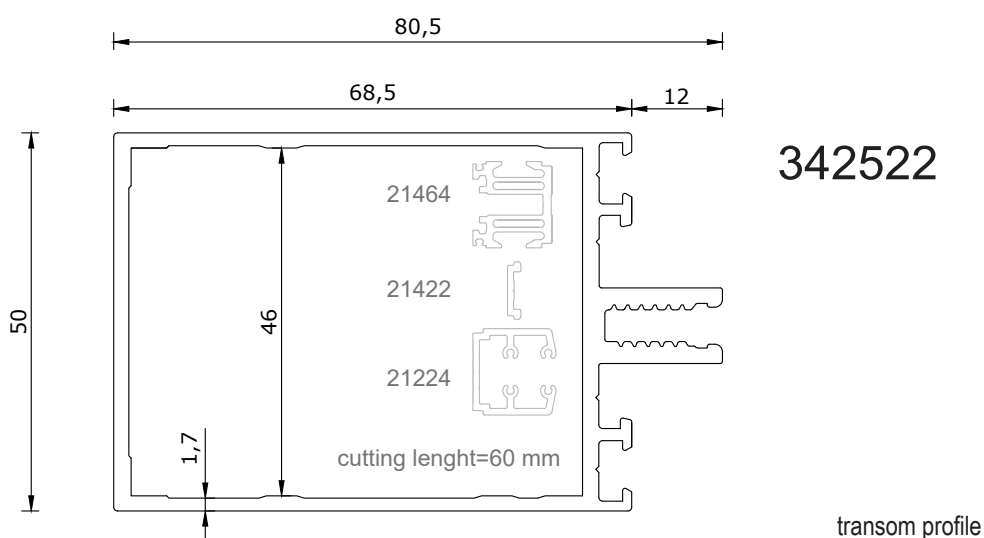
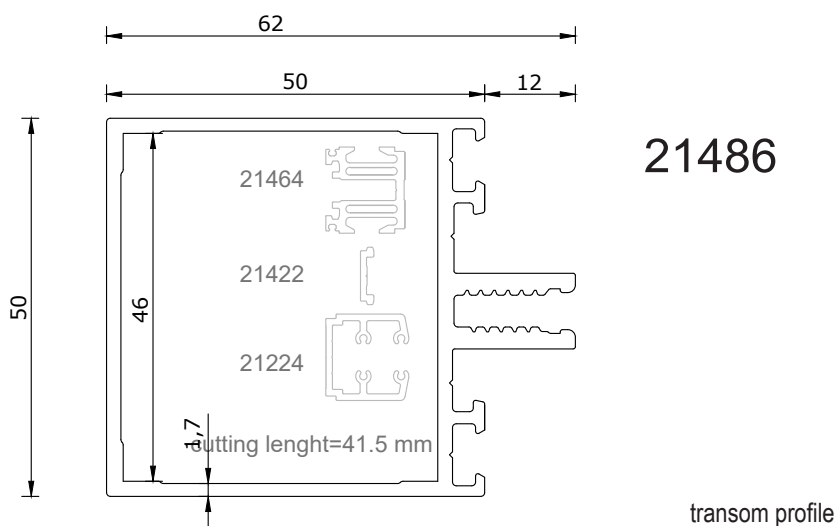
SKY LIGHT



21183 or
20009



CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21486	1.7	22.02	71.3
342522	1.51	17.94	38.39
342523	1.7	22.02	71.3


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

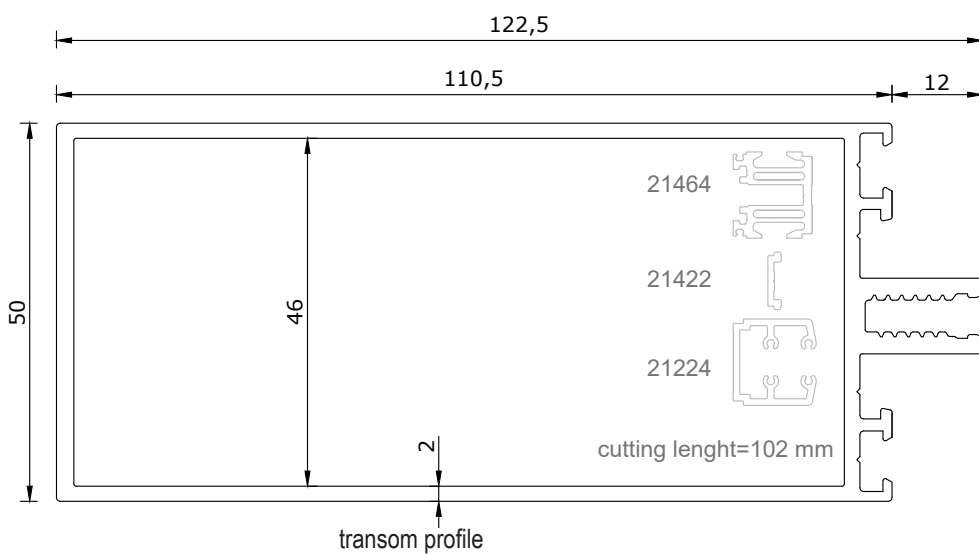
SF-50T
SLIDING FOLDING

HANDRAIL

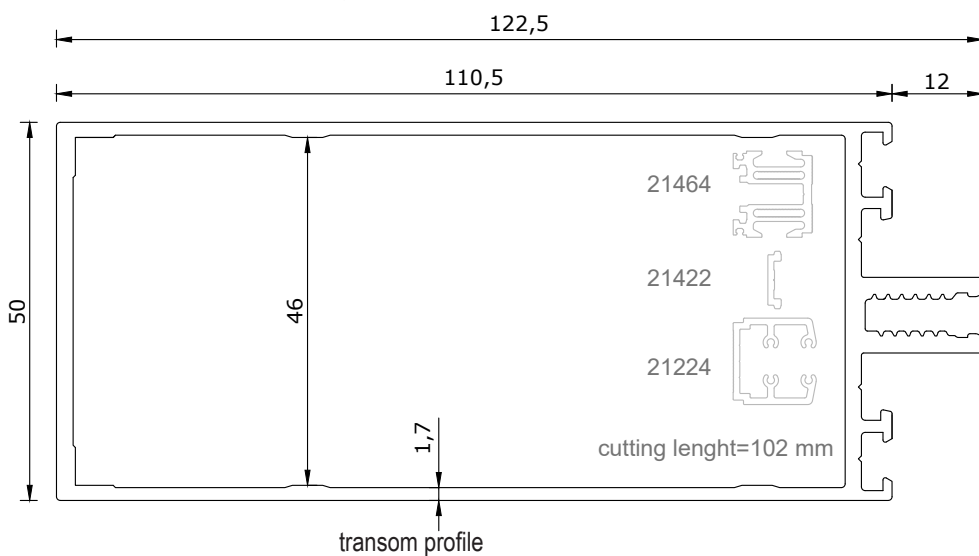
SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21478	2.046	29.09	125.22
342524	1.908	28.18	116.77

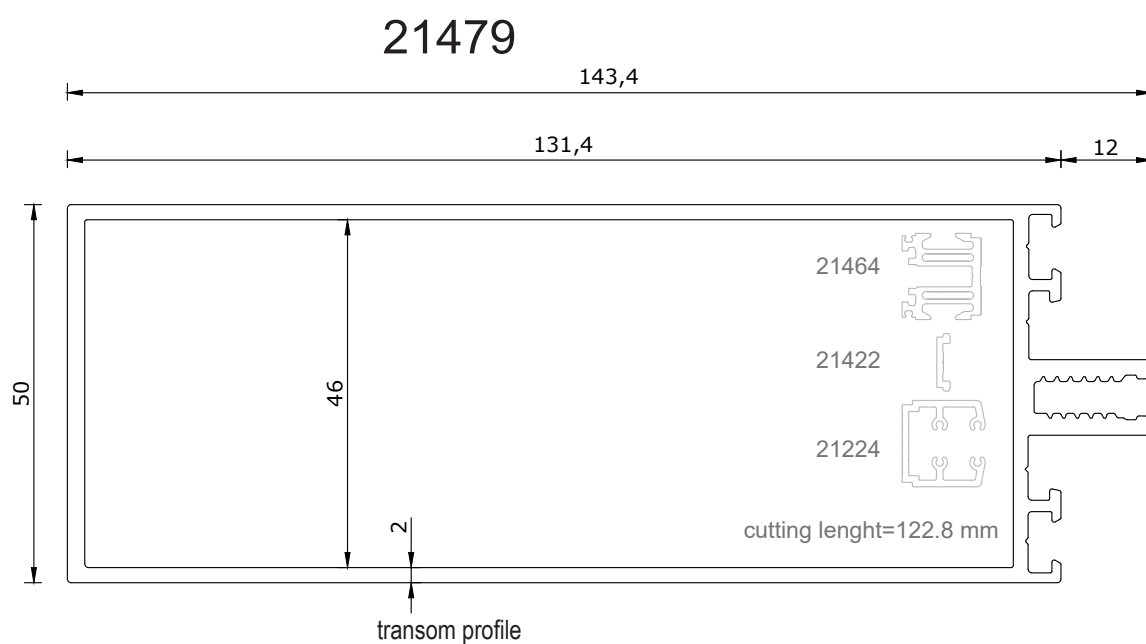
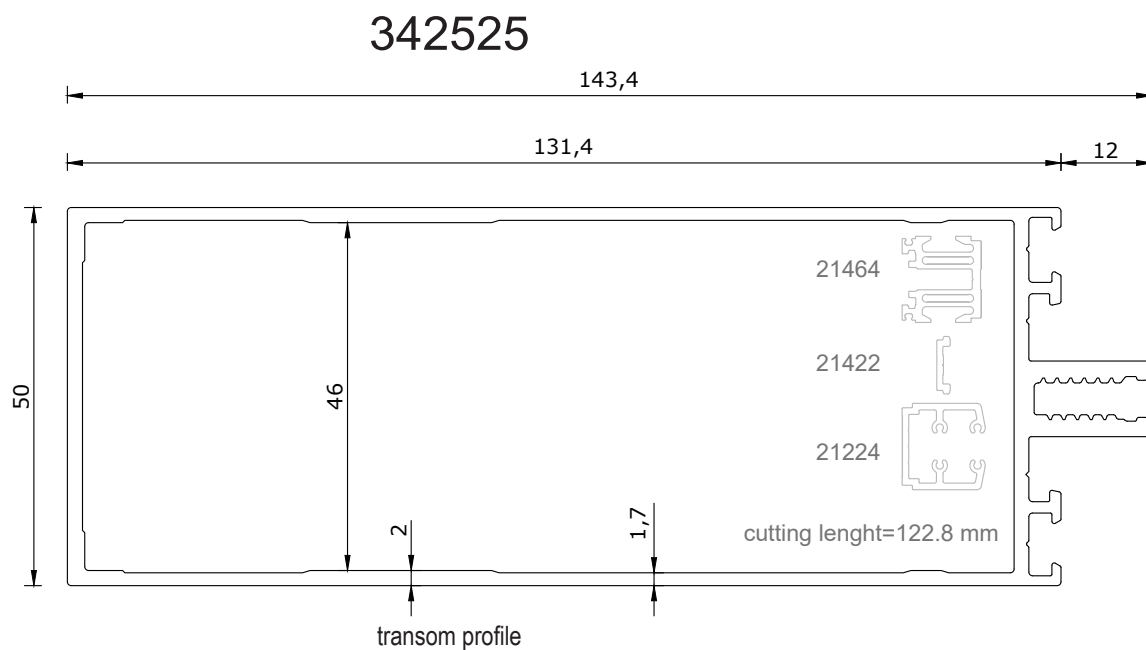
21478



342524



CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
342525	2.150	30.96	177.82
21479	2.280	33.91	1190.24


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

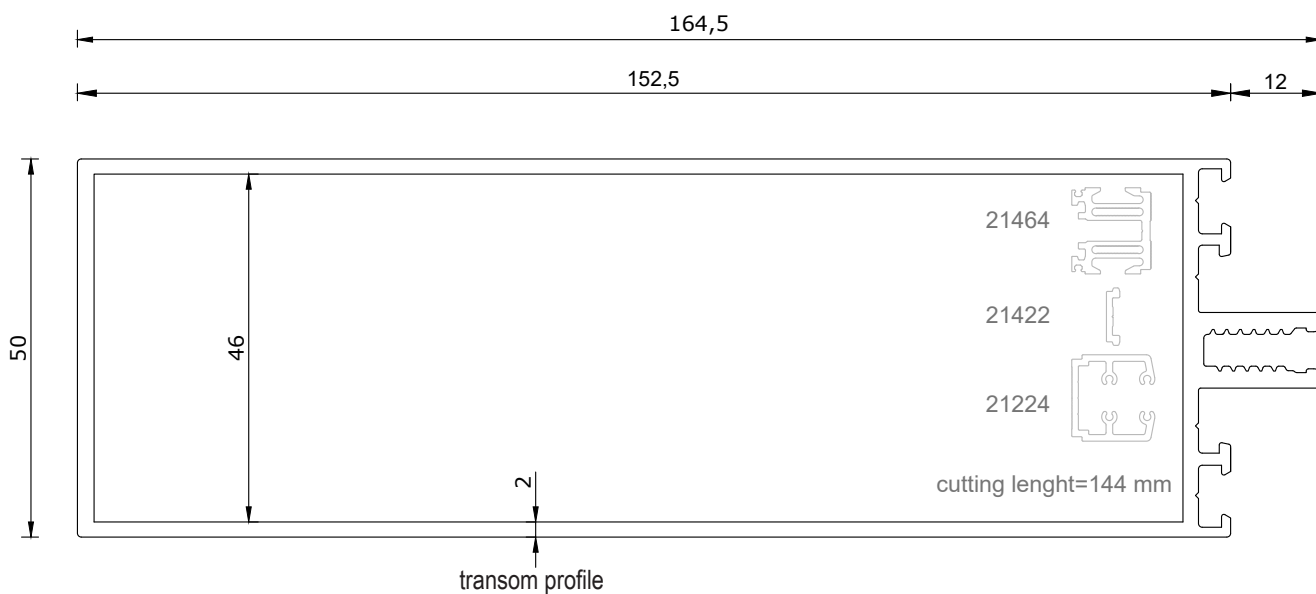
SF-50T
SLIDING FOLDING

HANDRAIL

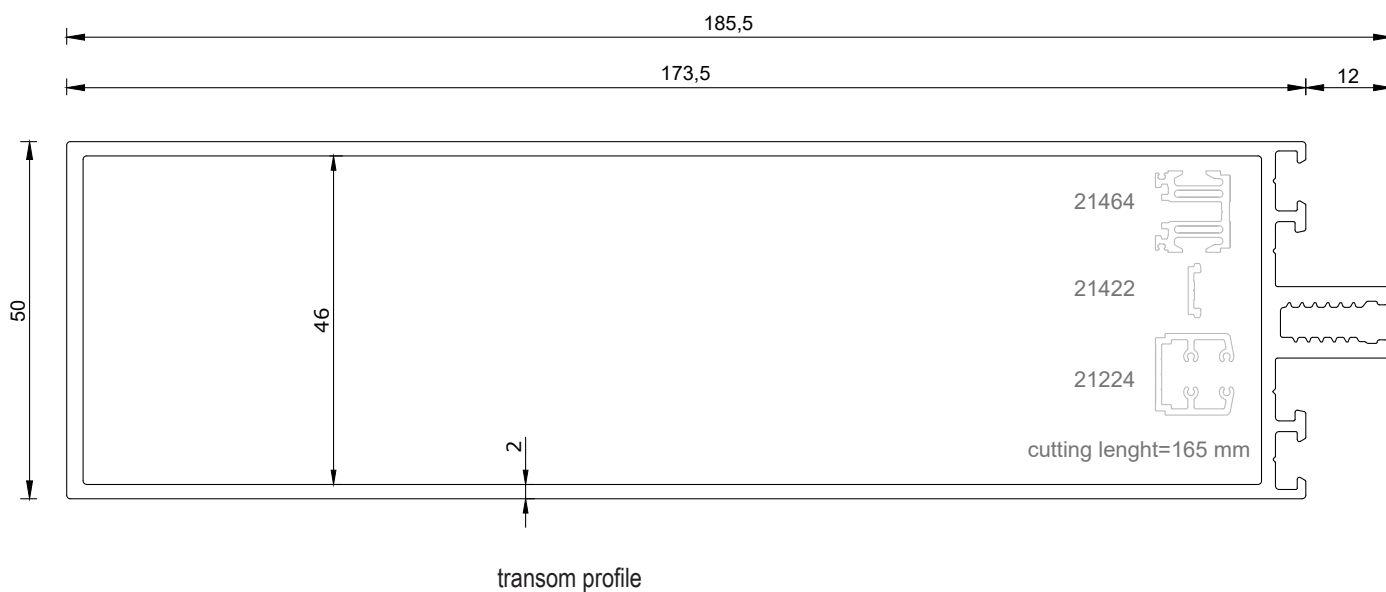
SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
342526	2.57	38.76	273.48
342527	2.8	44.49	381.63

342526

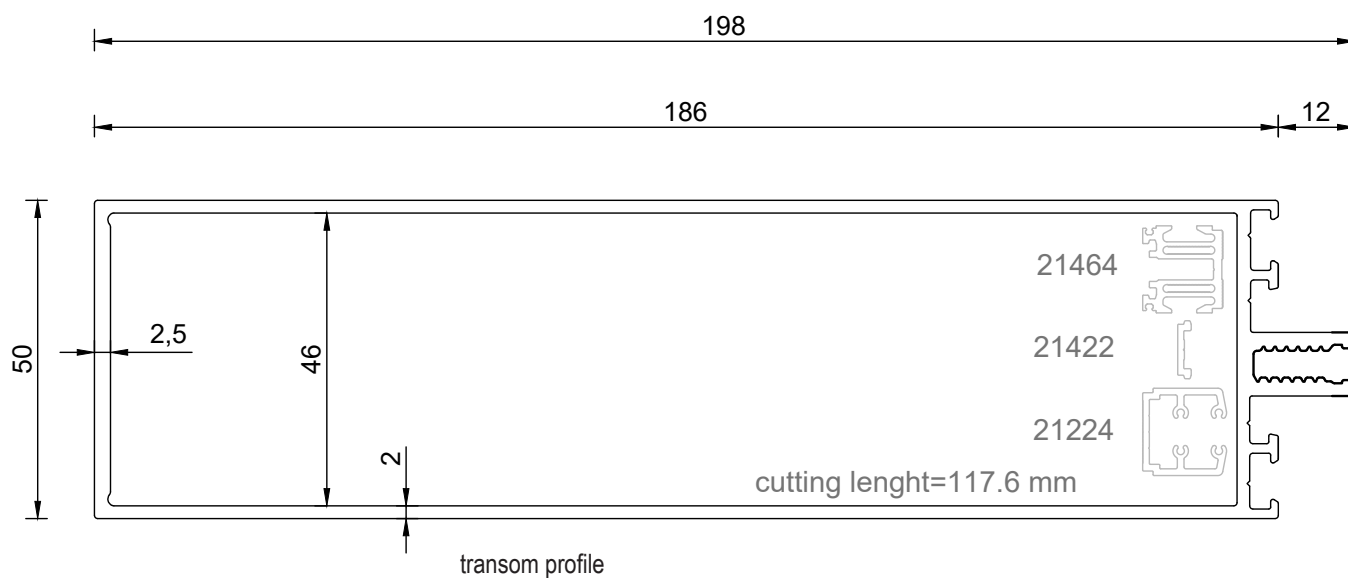


342527

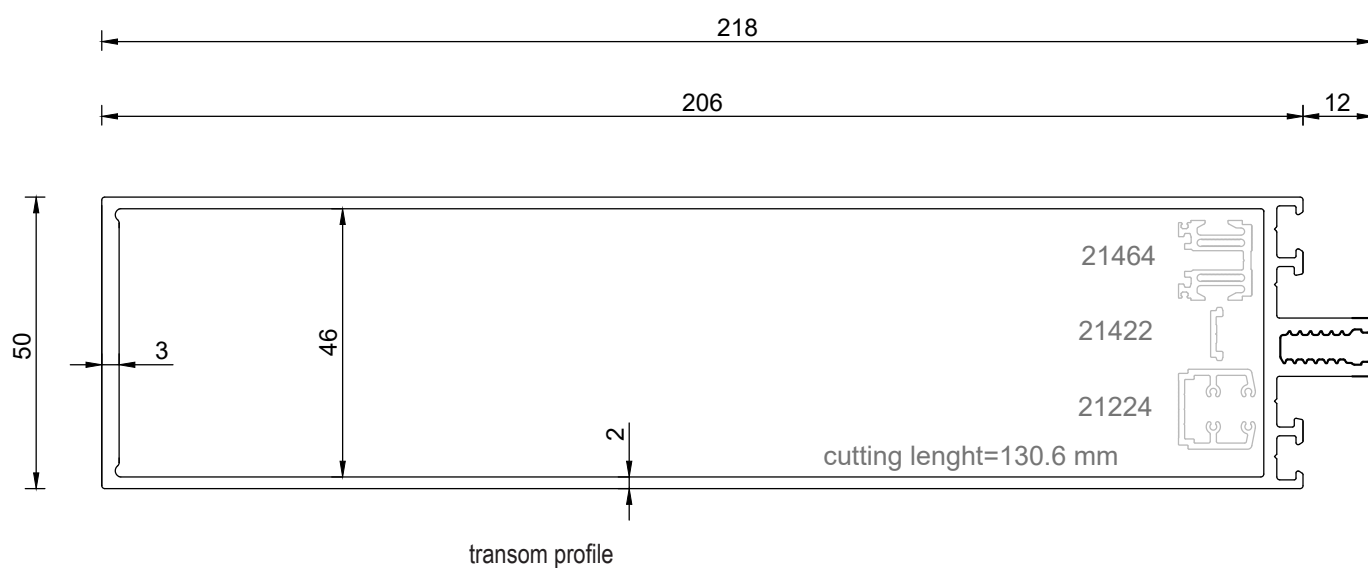


CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21473	2.930	46.78	458.46
21474	3.210	51.80	617.58

21473



21474


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

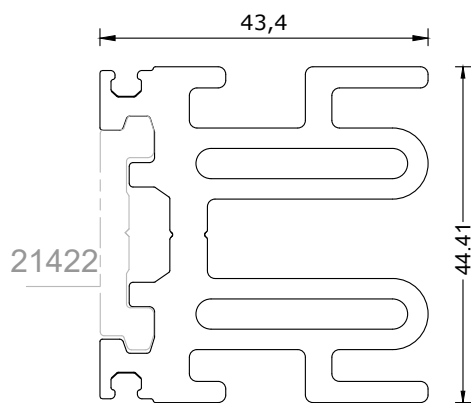
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

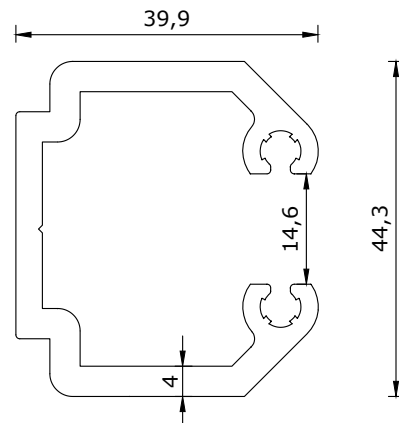
HANDRAIL

SKY LIGHT

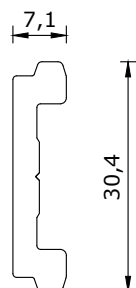
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21465	2.300	-	-
21469	1.480	-	-
21422	0.369	-	-
20016	0.240	-	-

21465


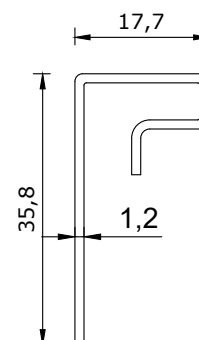
mullion connector pr

21469


mullion connector pr

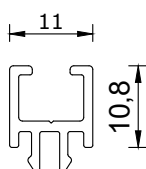
21422


mullion connector pr

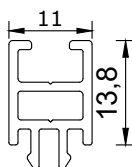
20016


water isolation pr

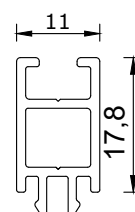
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21193	0.170	-	-
21194	0.217	-	-
21195	0.228	-	-
21196	0.240	-	-
21209	0.260	-	-
21197	0.285	-	-

21193


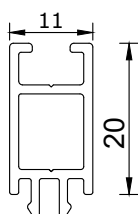
adapter profile

21194


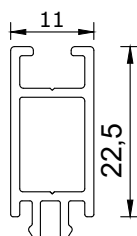
adapter profile

21195


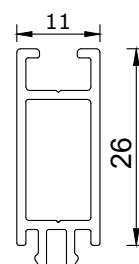
adapter profile

21196


adapter profile

21209


adapter profile

21197


adapter profile

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

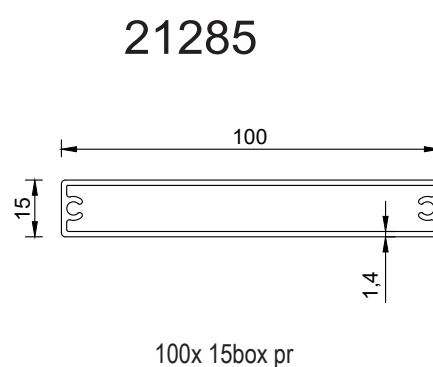
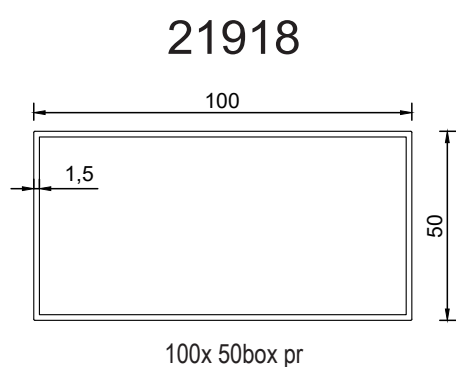
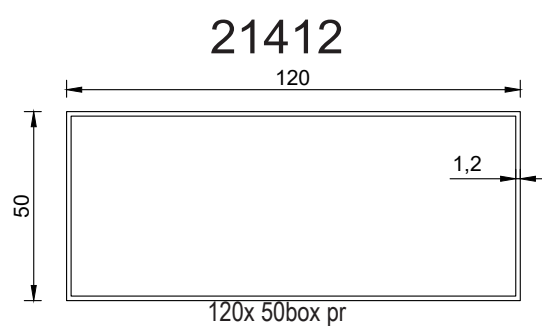
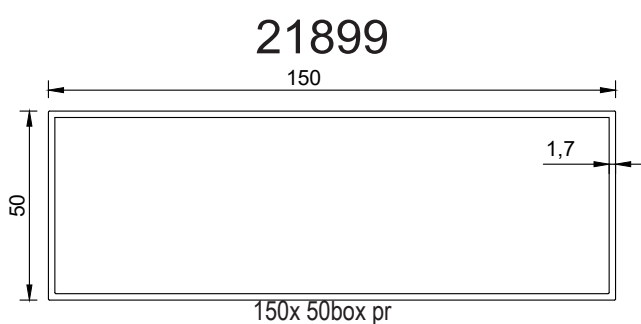
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

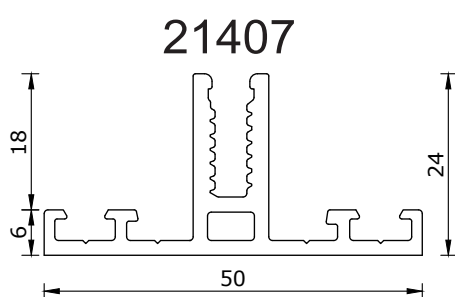
HANDRAIL

SKY LIGHT

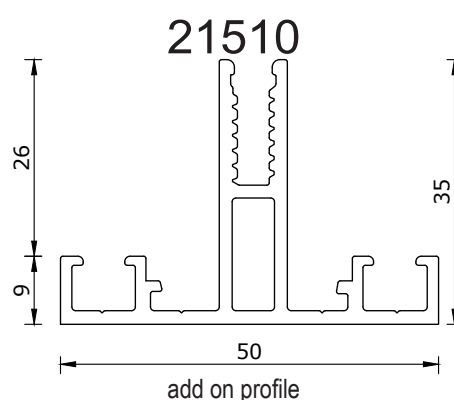
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21899	1.930	-	-
21412	1.160	-	-
21918	1.230	-	-
21285	0.985	-	-



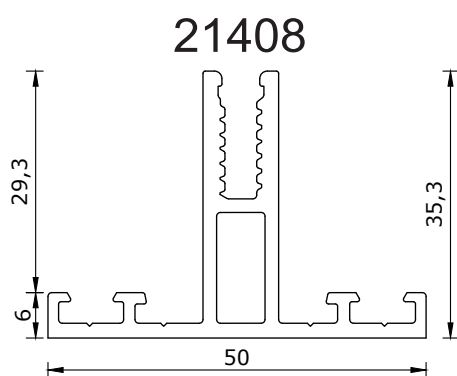
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21407	0.765	-	-
21510	0.820	-	-
21408	0.830	-	-
21919	0.815	-	-



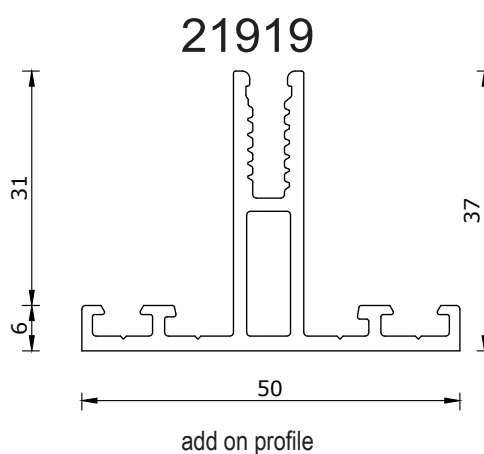
add on profile



add on profile



add on profile



add on profile

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

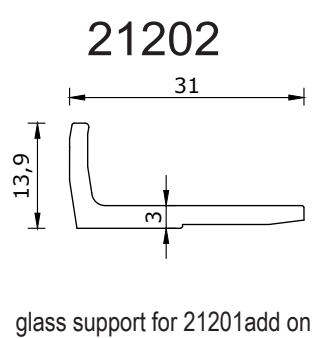
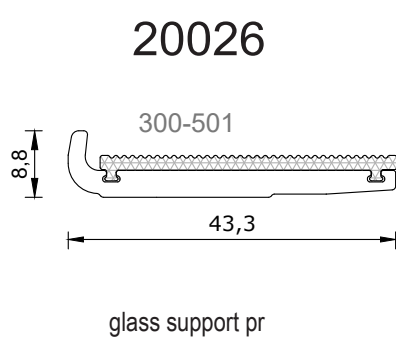
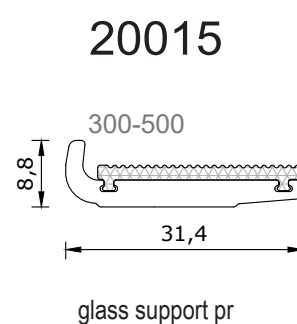
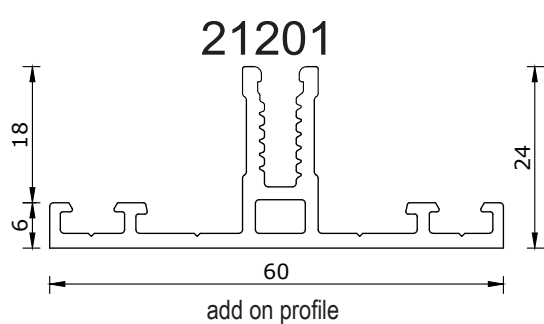
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

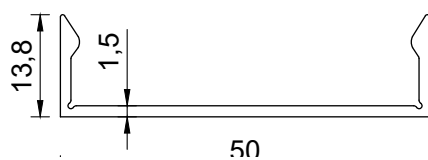
HANDRAIL

SKY LIGHT

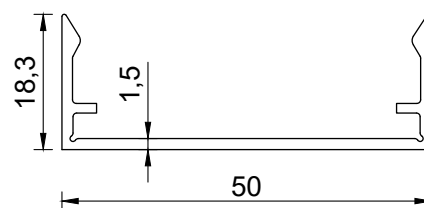
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21201	0.815	-	-
20015	0.300	-	-
20026	0.420	-	-
21202	0.985	-	-



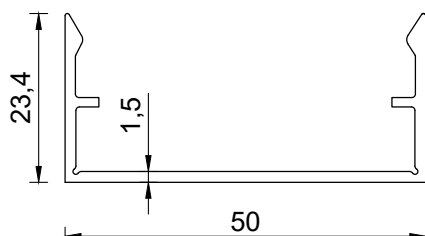
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
340558	0.325	-	-
340537	0.388	-	-
340538	0.432	-	-
21928	0.286	-	-
21927	0.359	-	-
340556	0.500	-	-

340558


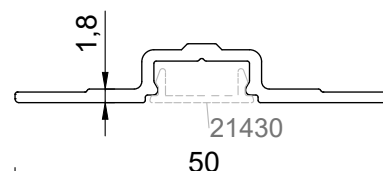
cover profile

340537


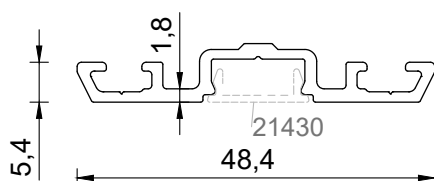
cover profile

340538


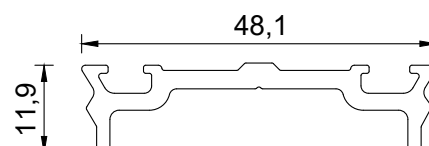
cover profile

21928


cover profile

21927


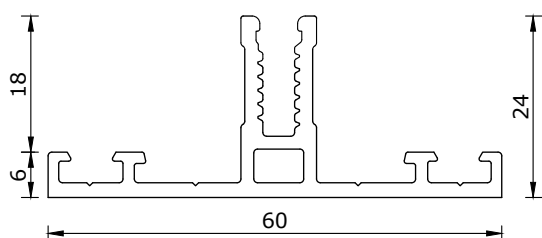
cover profile

340556


pressure plate profile

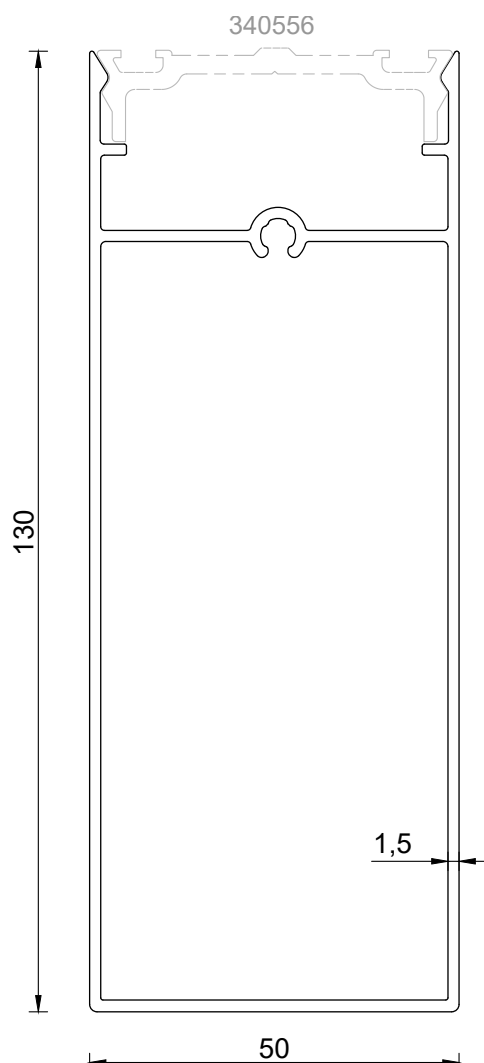
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21201	0.750	-	-
21430	0.056	-	-
21980	0.165	-	-
21420	1.600	-	-

21201



60mm add on

21420



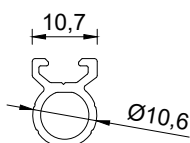
cover profile

21430



cover profile

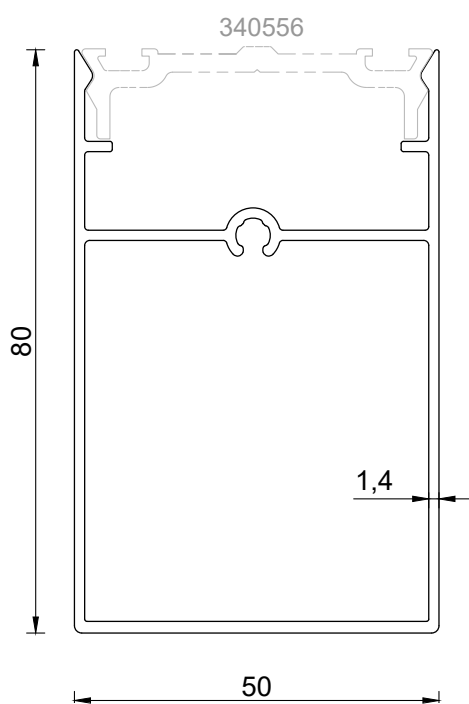
21980



angular adapter profile

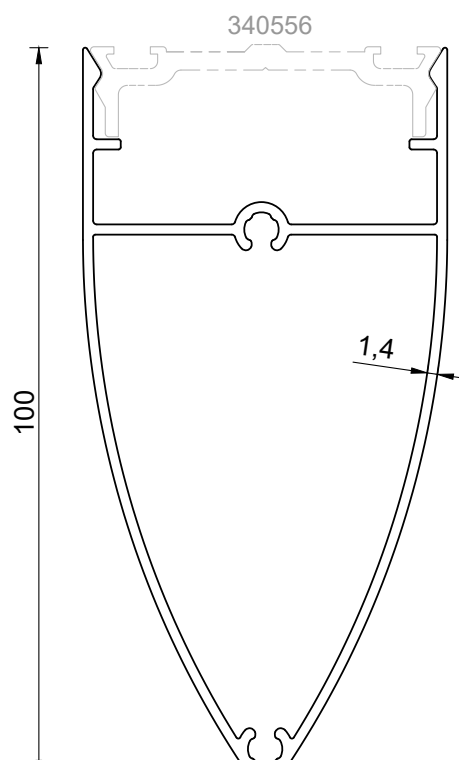
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21419	1.1	-	-
21466	1.120	-	-

21419



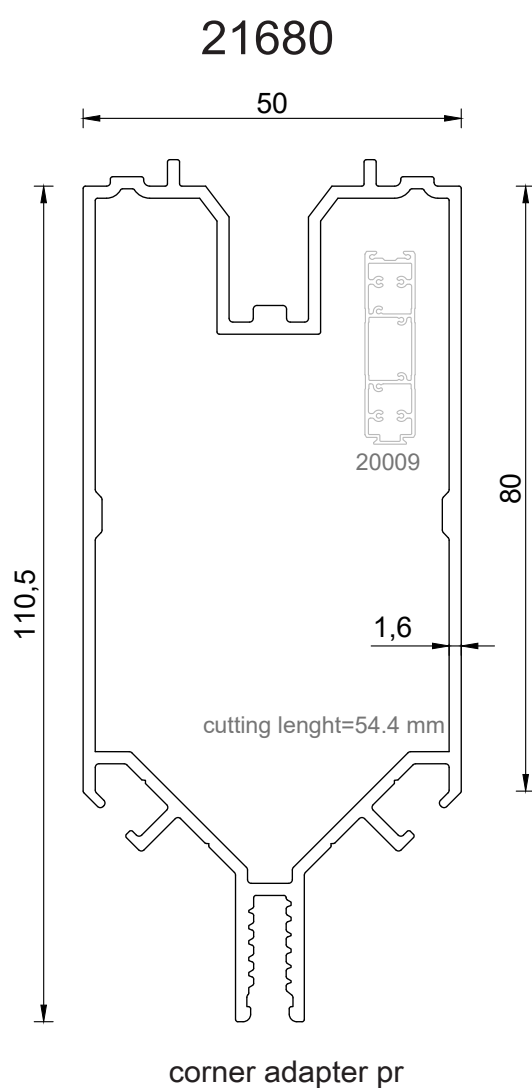
cover profile

21466

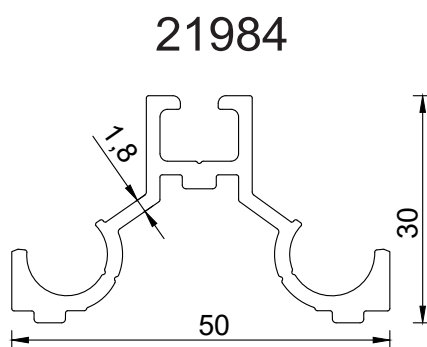
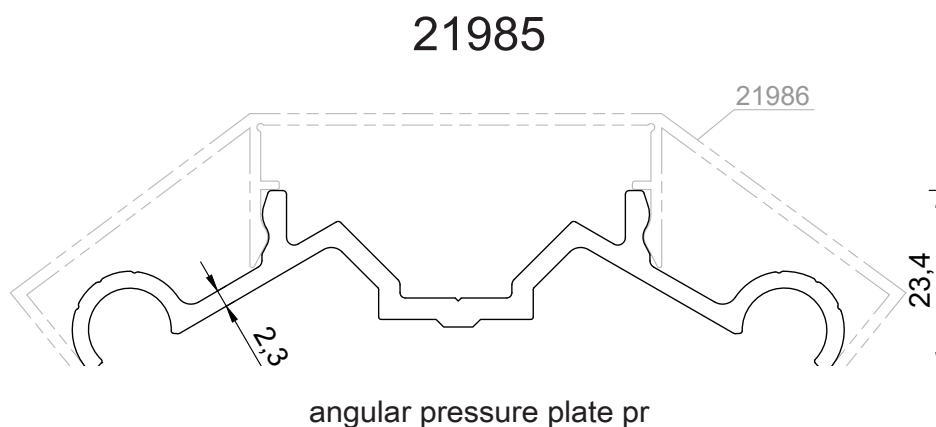
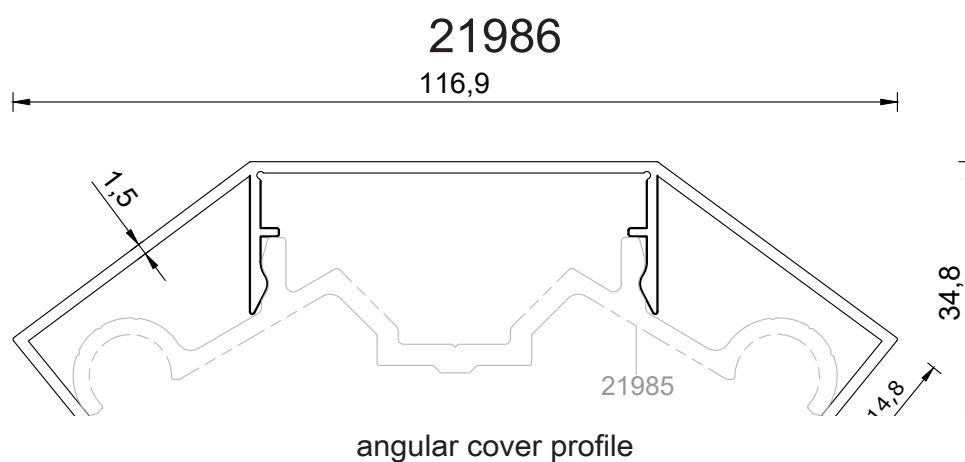


cover profile

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21680	1.1	-	-



CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21986	0.860	-	-
21985	1.140	-	-
21984	0.740	-	-



scale 1:1

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

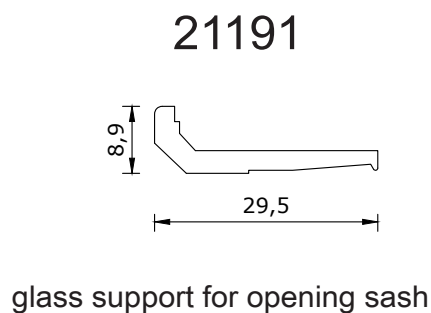
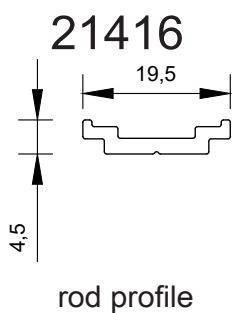
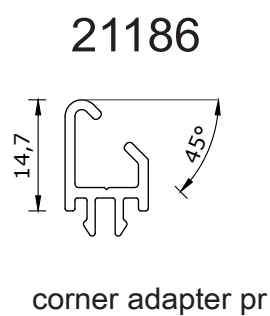
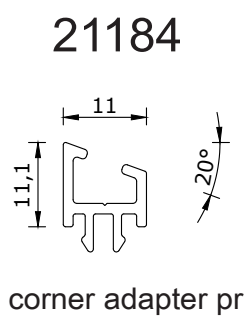
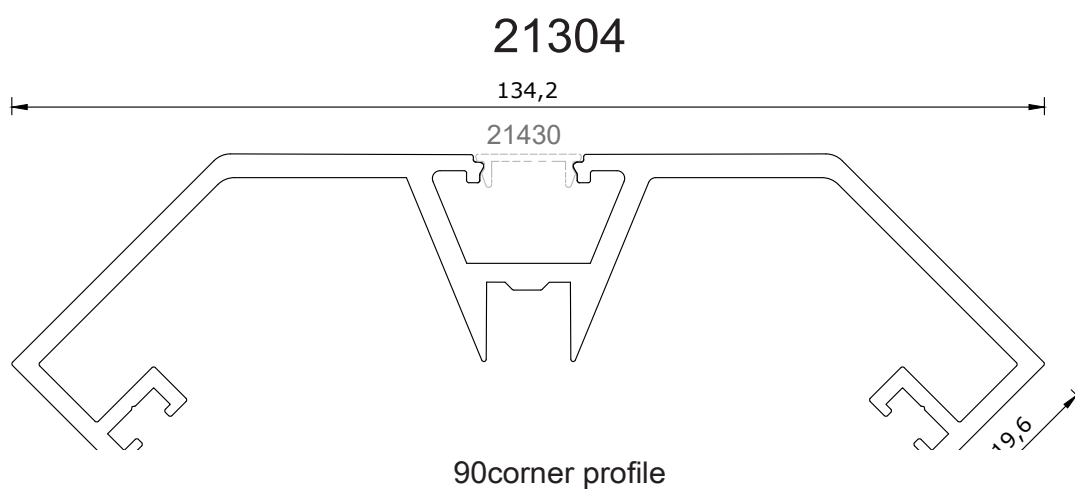
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

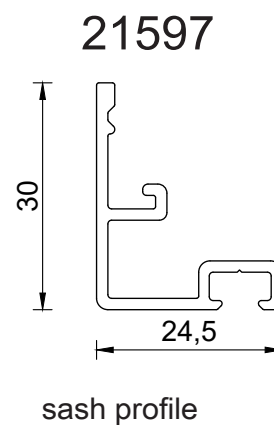
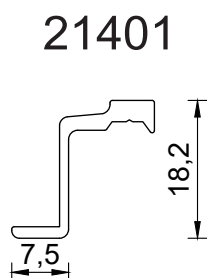
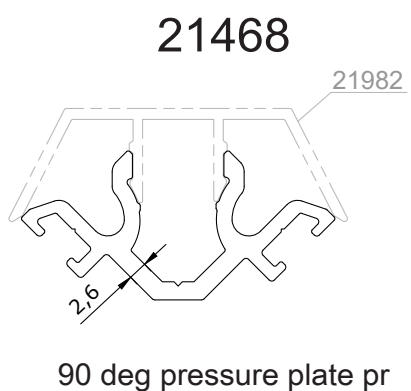
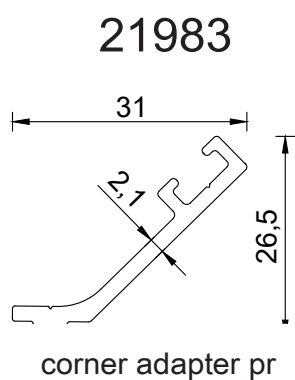
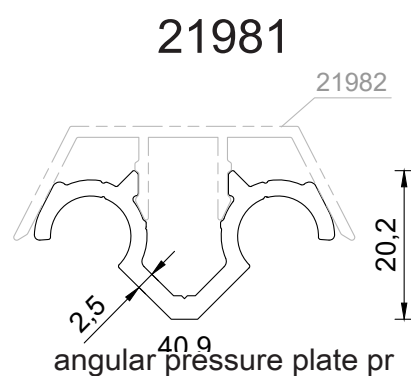
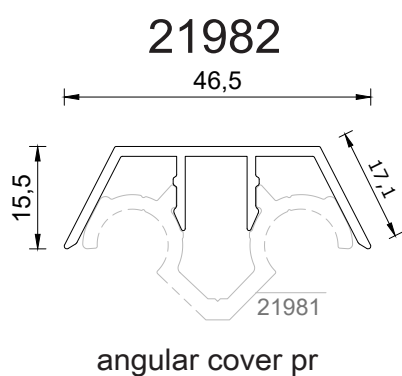
HANDRAIL

SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21304	1.910	-	-
21184	0.156	-	-
21186	0.176	-	-
21416	0.135	-	-
21191	0.240	-	-

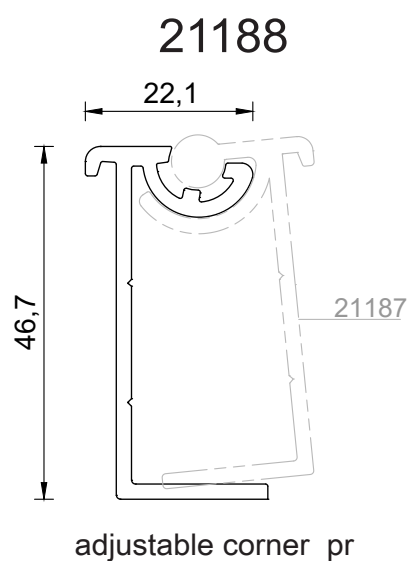
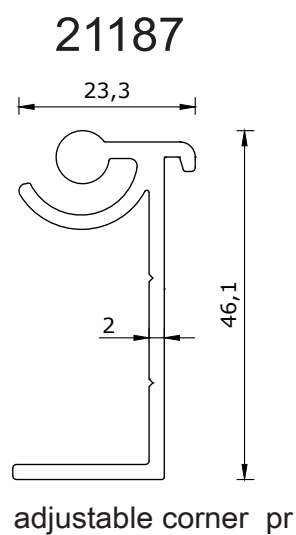
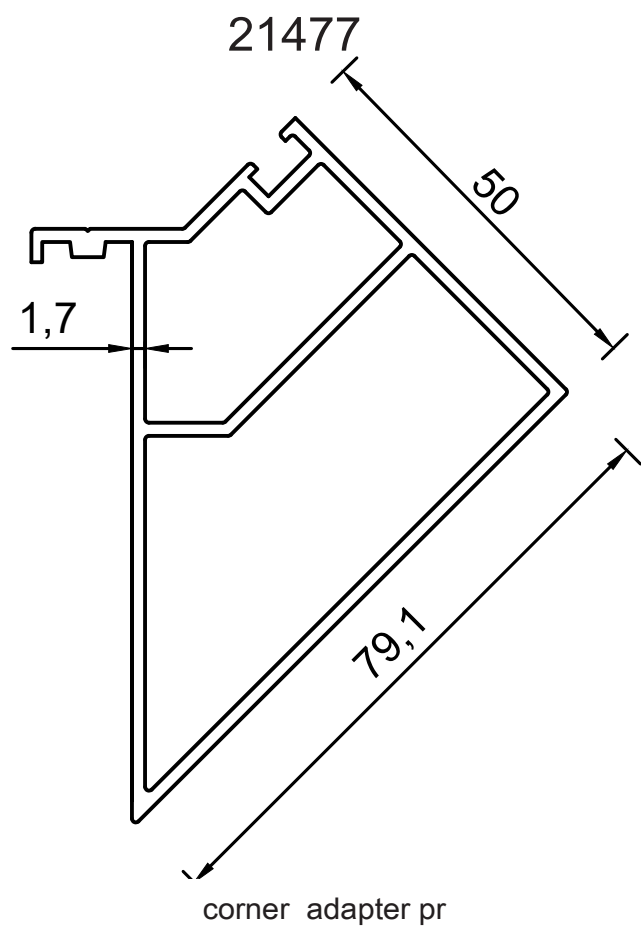


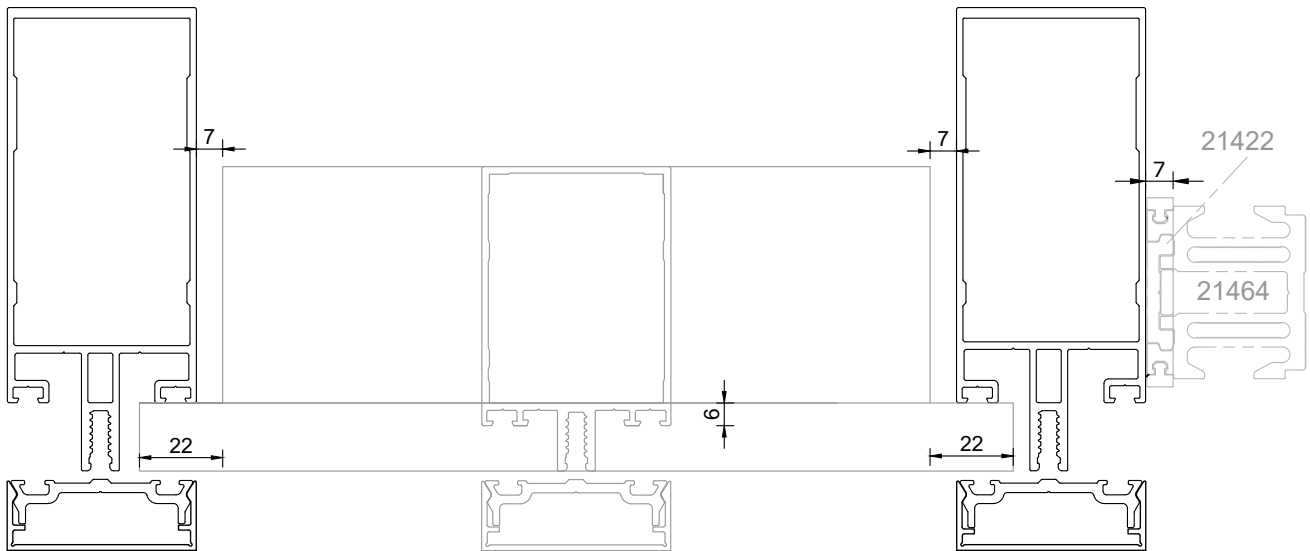
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21982	0.370	-	-
21981	0.525	-	-
21983	0.310	-	-
21468	0.560	-	-
21401	0.165	-	-
21597	0.350	-	-



scale 1:1

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21477	1.500	-	-
21187	0.670	-	-
21188	0.574	-	-




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

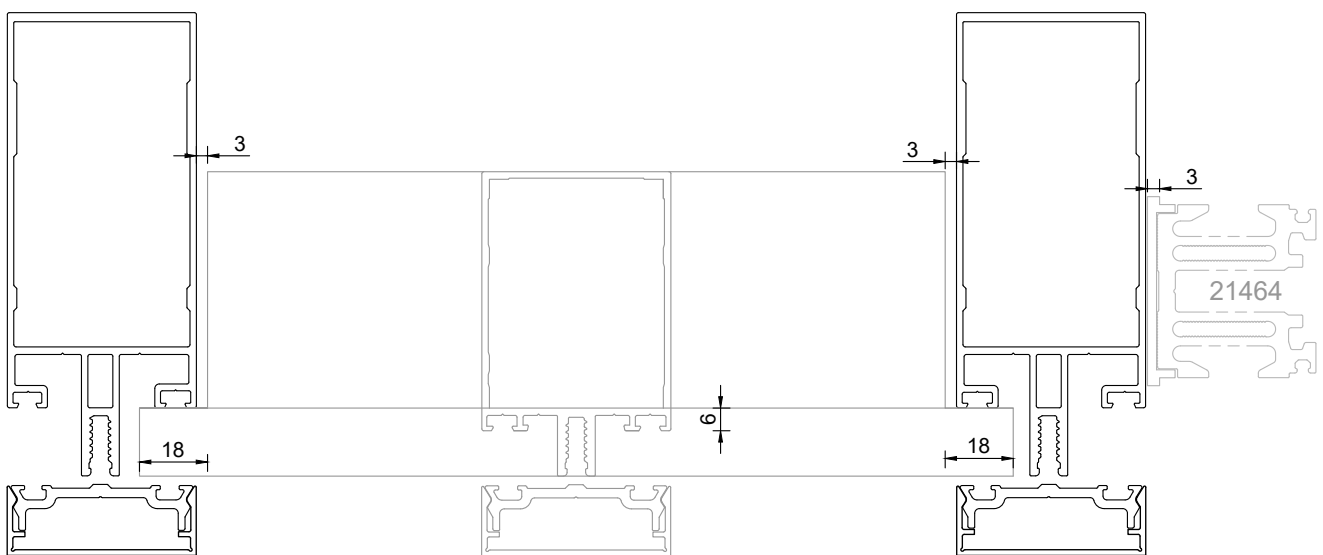
CW50
FACE CAP

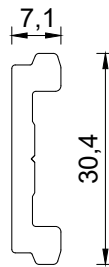
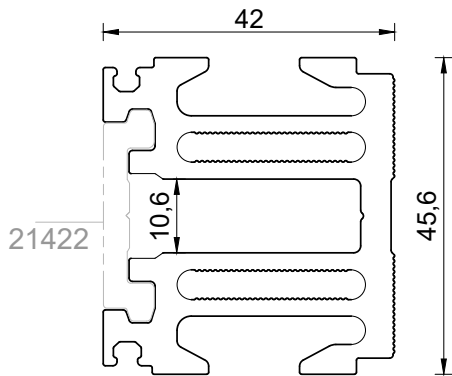
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

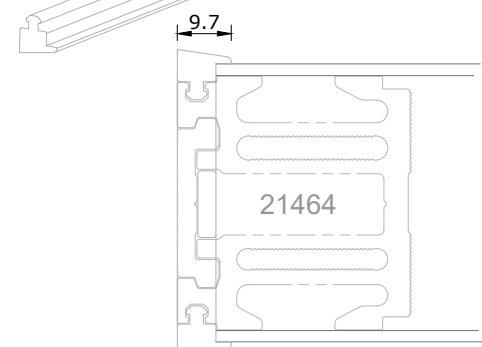
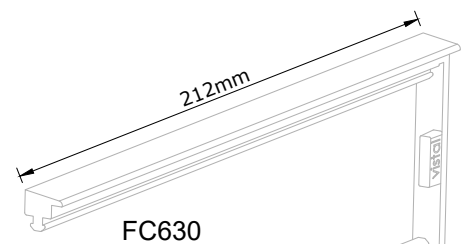
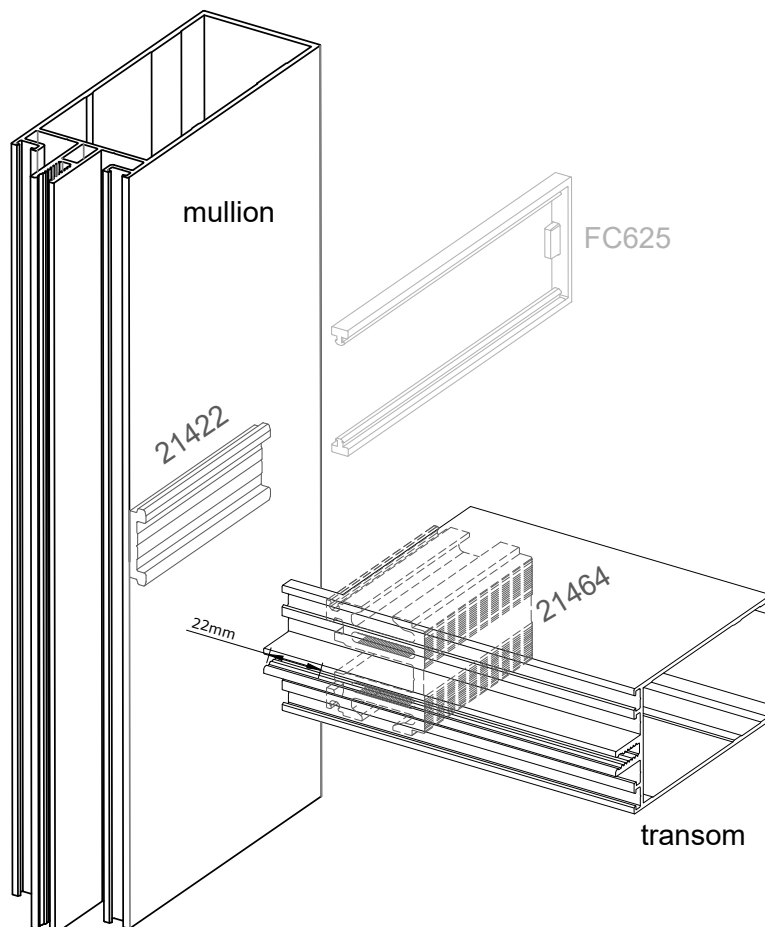
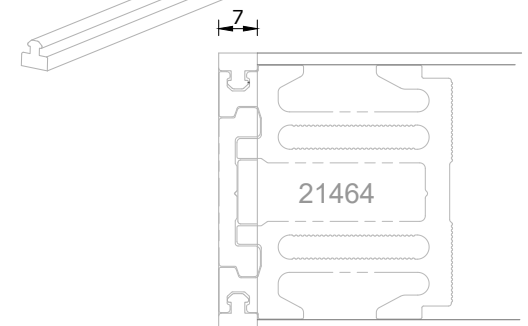
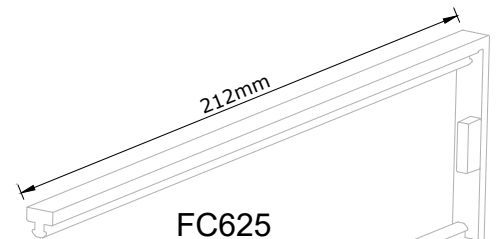
SKY LIGHT

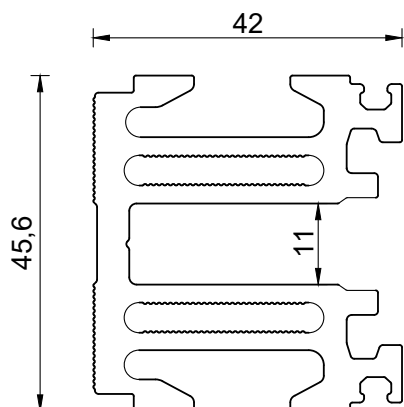




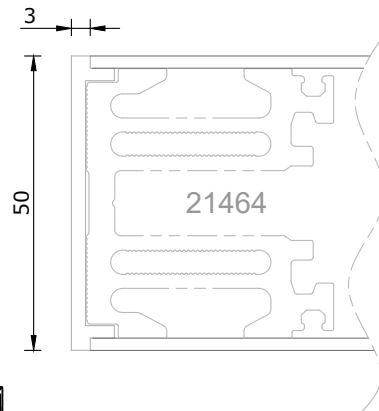
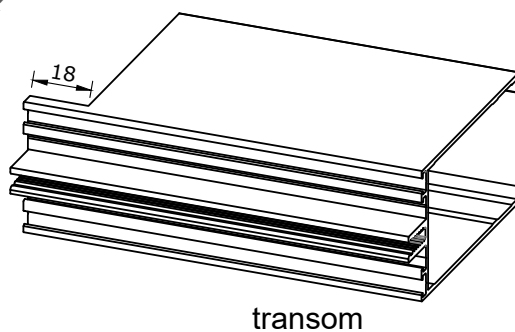
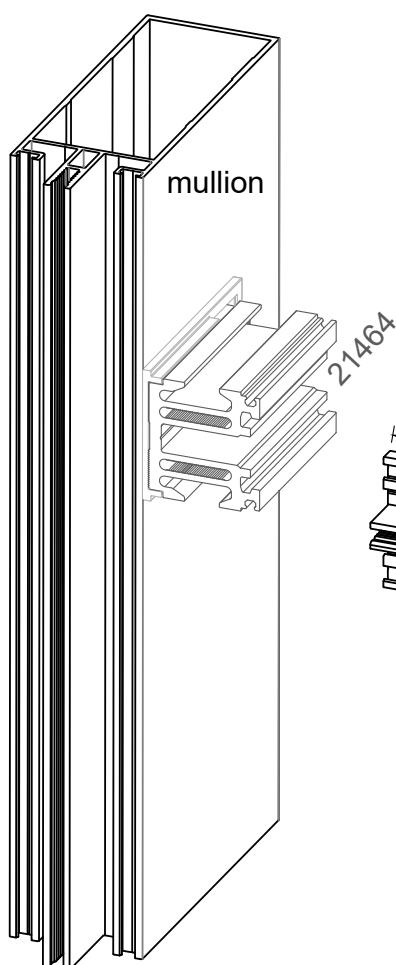
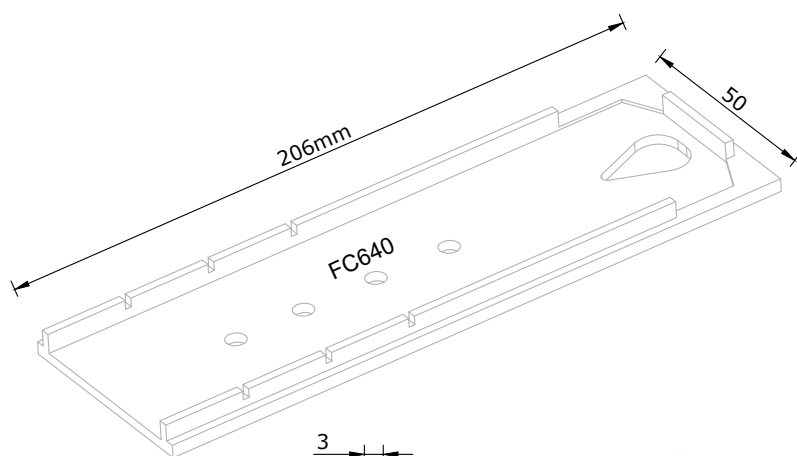
21464
transom connector pr
2.150 kg/m

21422
transom connector pr
0.369 kg/m





21464
transom connector pr
2.150 kg/m



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

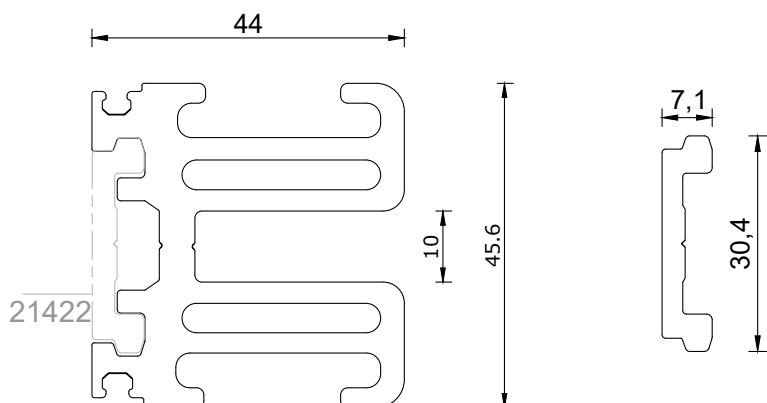
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT



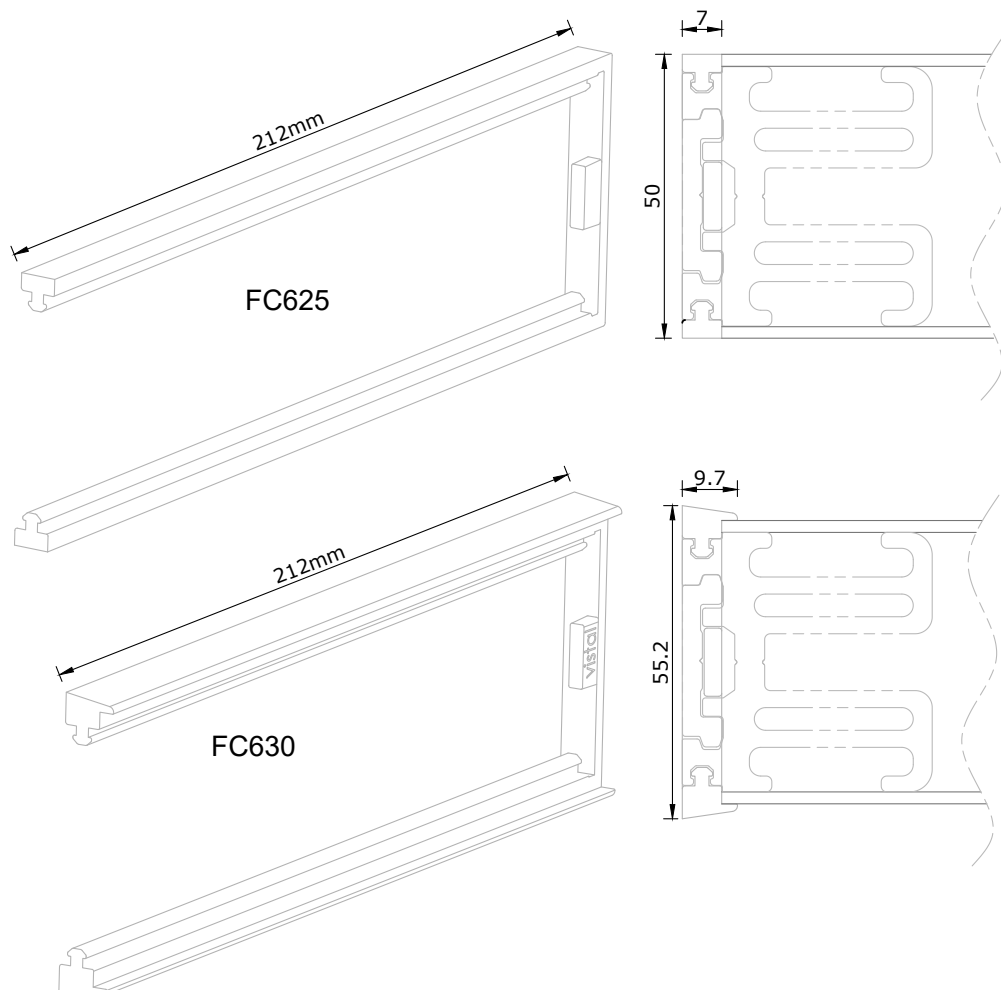
21421
transom connector pr
2.432 kg/m

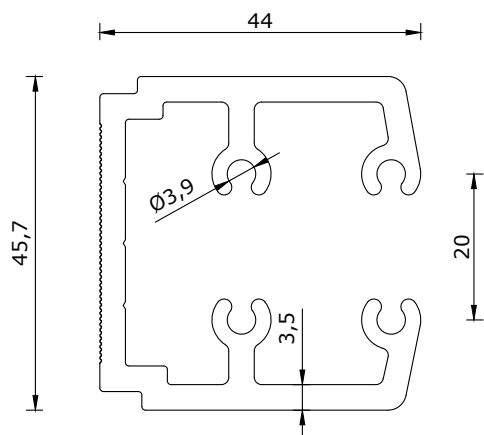
21422
transom connector pr
0.369 kg/m

FC625, FC630

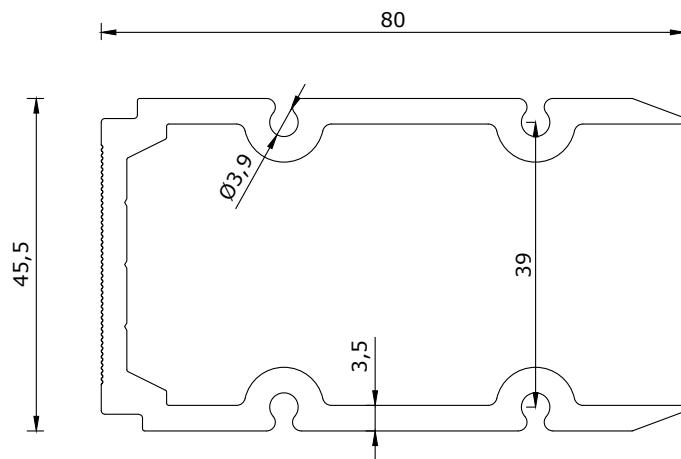
FC625 Cutting Size
FC630

Profile	Gasket Cutting Size
21486	44 mm
342522	62.5 mm
342523	83.5 mm
342524	104.5 mm
21478	104.5 mm
342525	125.4 mm
21479	125.4 mm
342526	146.5 mm
342527	167.5 mm
21473	180 mm
21474	199.7 mm

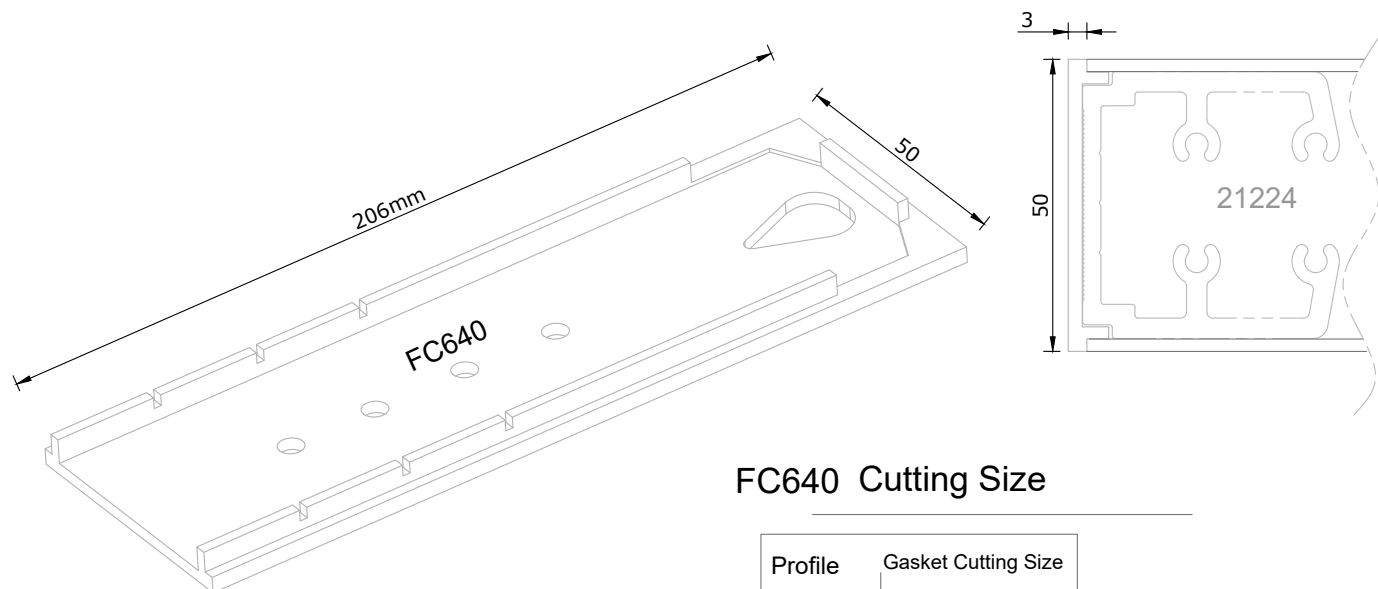




21224
transom connector pr
1.9 kg/m

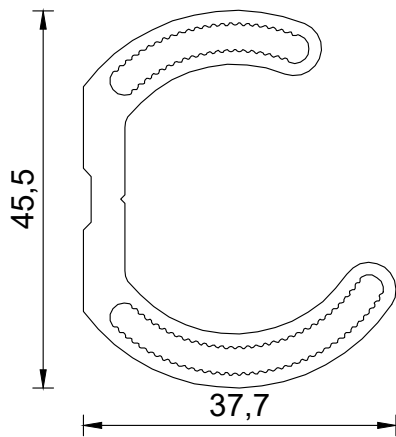


21481
transom connector pr
2.170 kg/m



FC640 Cutting Size

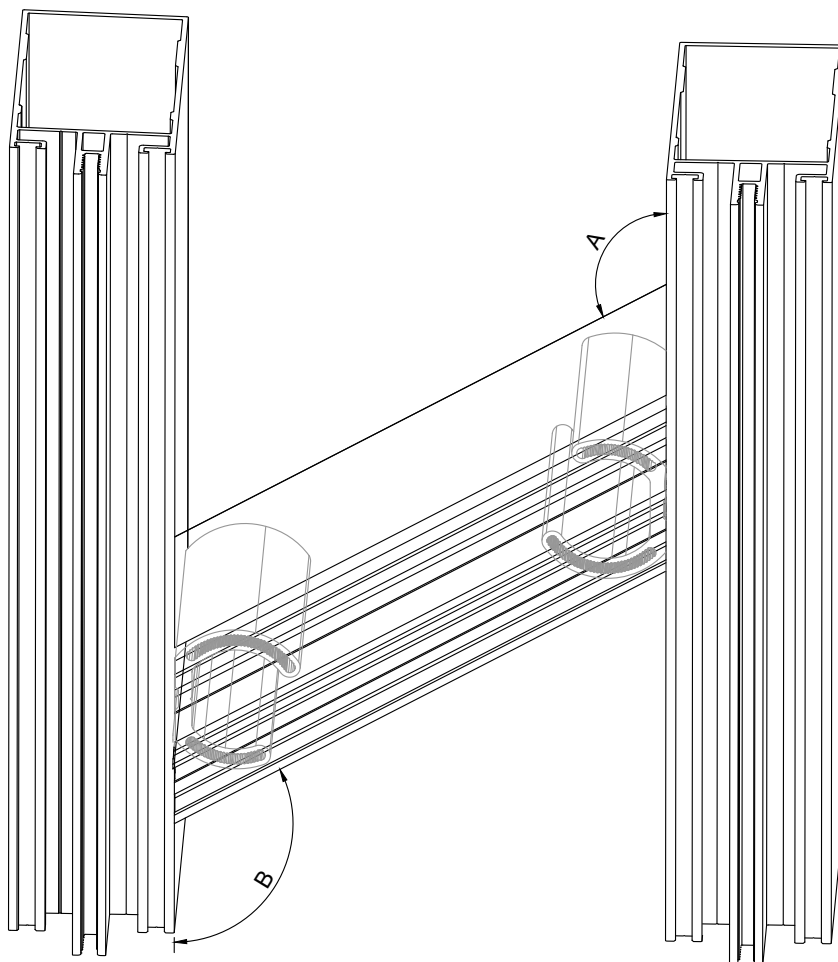
Profile	Gasket Cutting Size
21486	44 mm
342522	62.5 mm
342523	83.5 mm
342524	104.5 mm
21478	104.5 mm
342525	125.4 mm
21479	125.4 mm
342526	146.5 mm
342527	167.5 mm
21473	180 mm
21474	199.7 mm



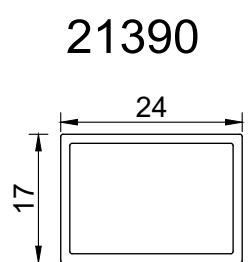
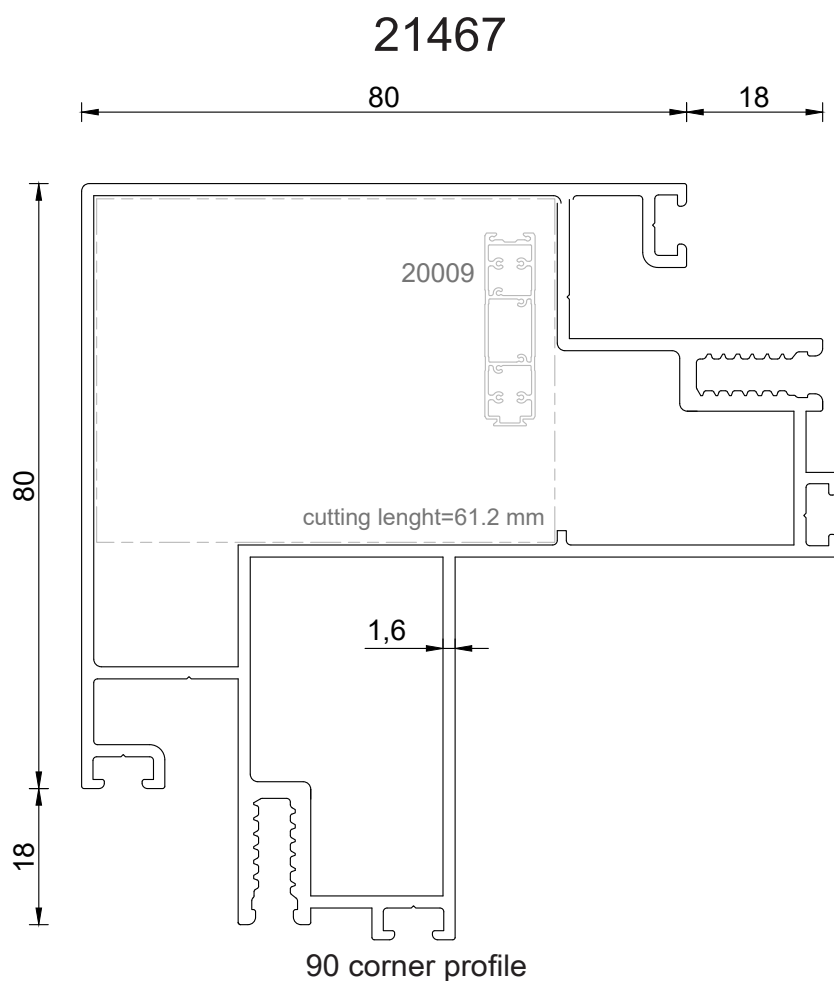
21423

angular transom connector pr

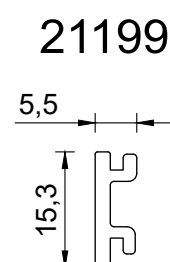
1.02 kg/m



CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21467	2.700	101.16	98.93
21390	0.280	-	-
21199	0.136	-	-



frame adapter pr

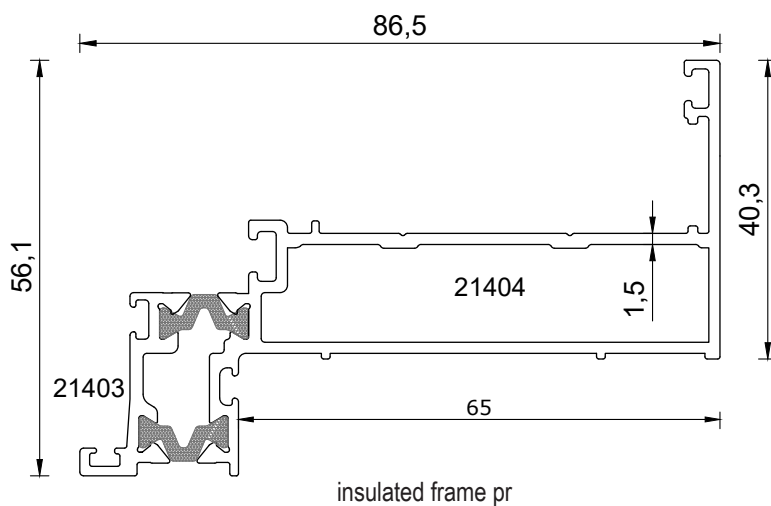


only used anodized

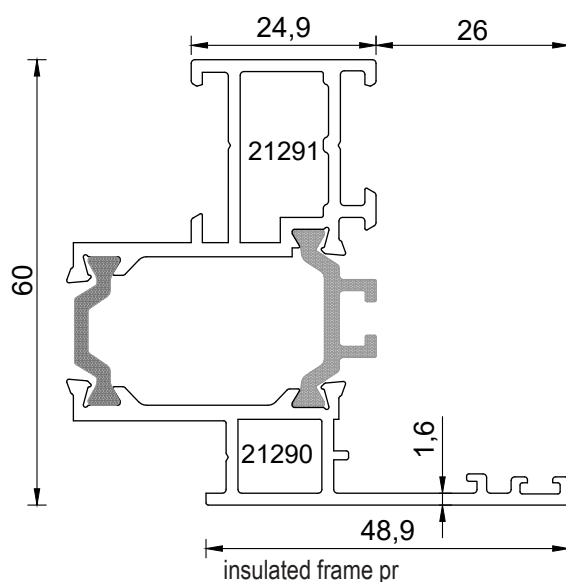
bonding frame pr

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21403-21404	1.300	40.1	3.8
21290-21291	1.480	-	-

21403-21404



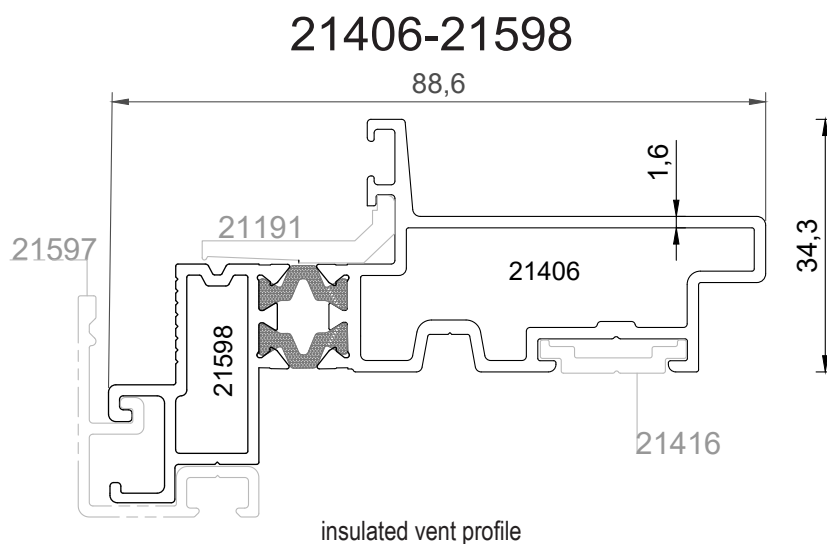
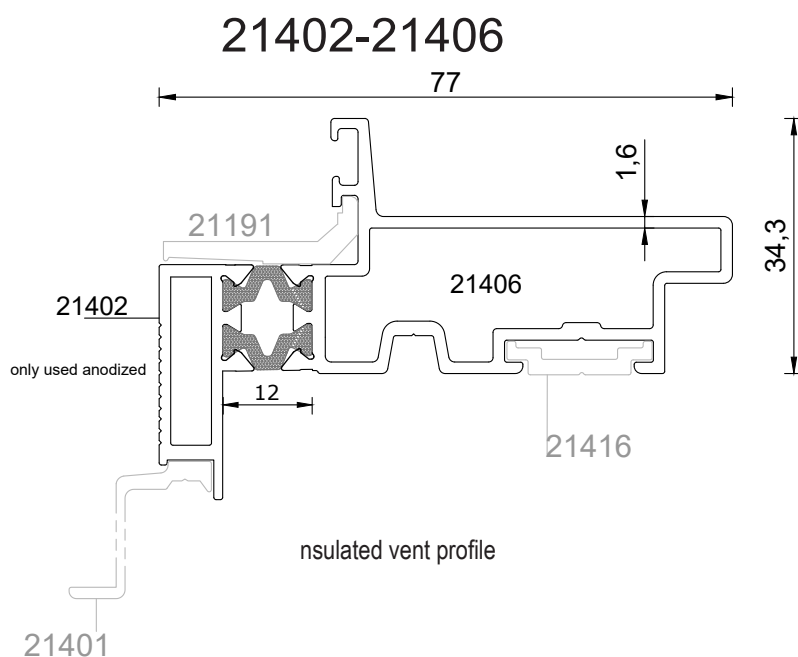
21290-21291



scale 1:1

profile	corner cleat	shape	cutting size
21403-21404	C12.6		56.5 mm 

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21402-21406	1.400	24.2	3.9
21406-21598	1.57	24.6	4.15



scale 1:1

profile	corner cleat	shape	cutting size	corner cleat	shape	cutting size
21402-21406	C12.6		38 mm 	C22.4		4.8 mm 
21406-21598	C12.6		38 mm 	C22.4		7.9 mm 

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

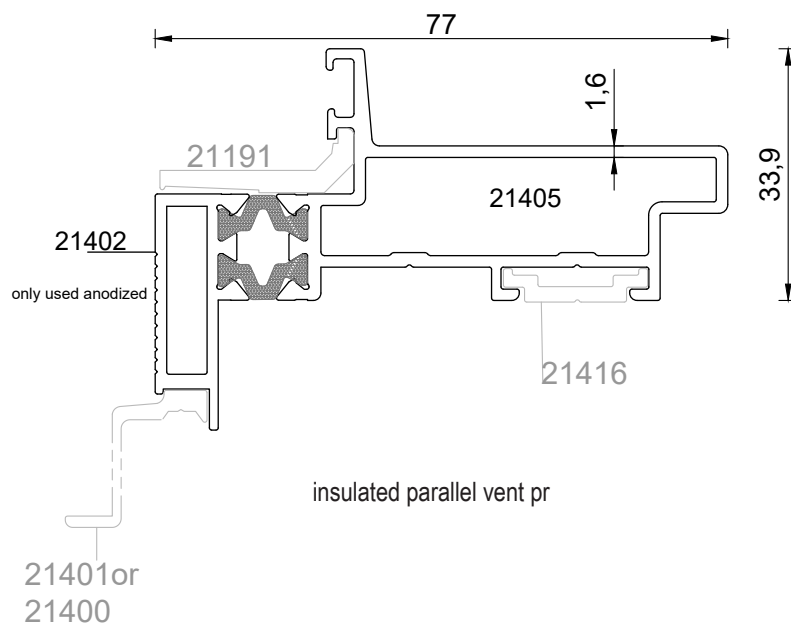
SF-50T
SLIDING FOLDING

HANDRAIL

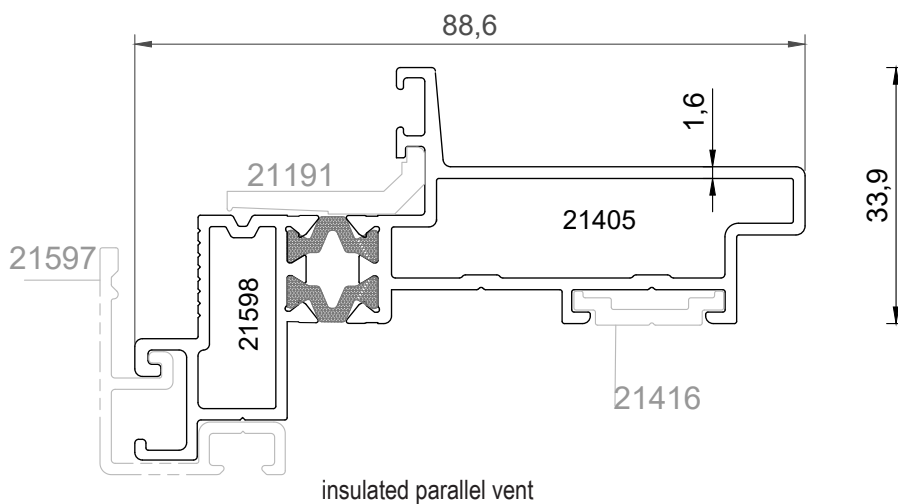
SKY LIGHT

CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21402-21405	1.360	24.2	3.7
21405-21598	1.500	24.5	3.9

21402-21405



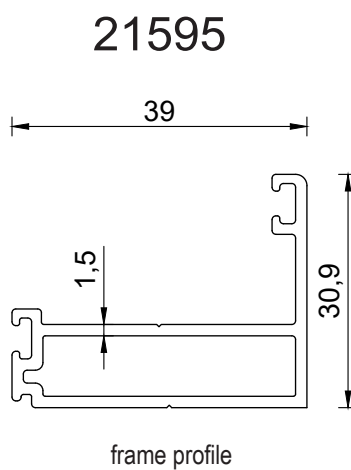
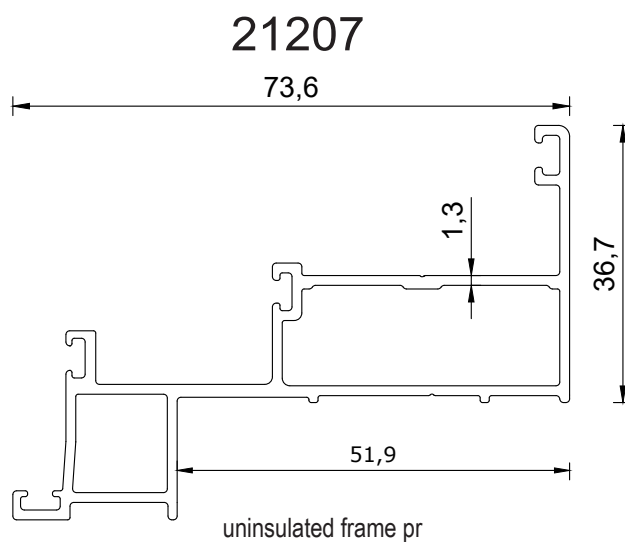
21405-21598



scale 1:1

profile	corner cleat	shape	cutting size	corner cleat	shape	cutting size
21402-21405	C12.6		38 mm	C22.4		4.8 mm
21405-21598	C12.6		38 mm	C22.4		7.9 mm

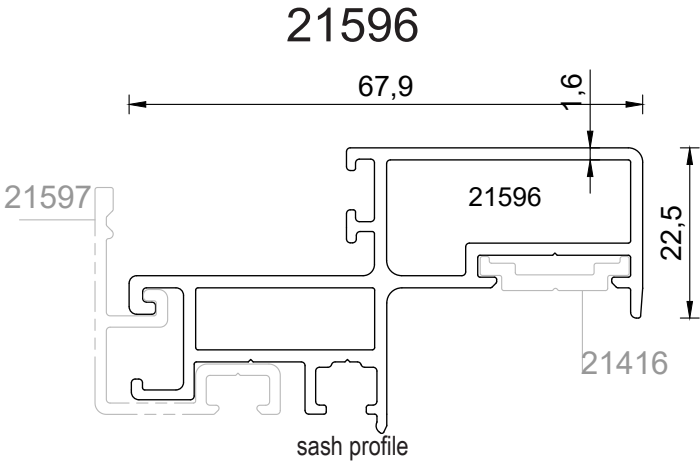
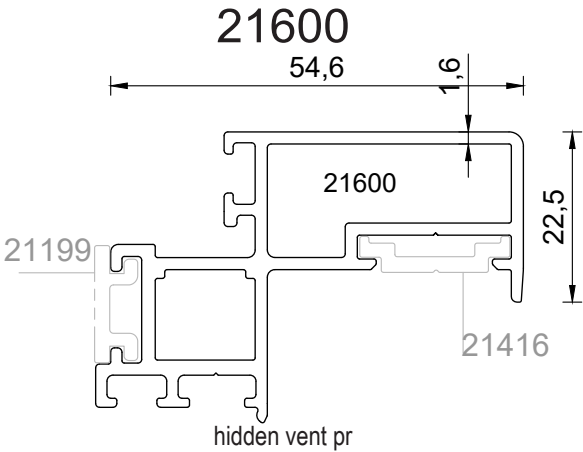
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21207	0.930	-	-
21595	0.550	1.29	3.6



scale 1:1

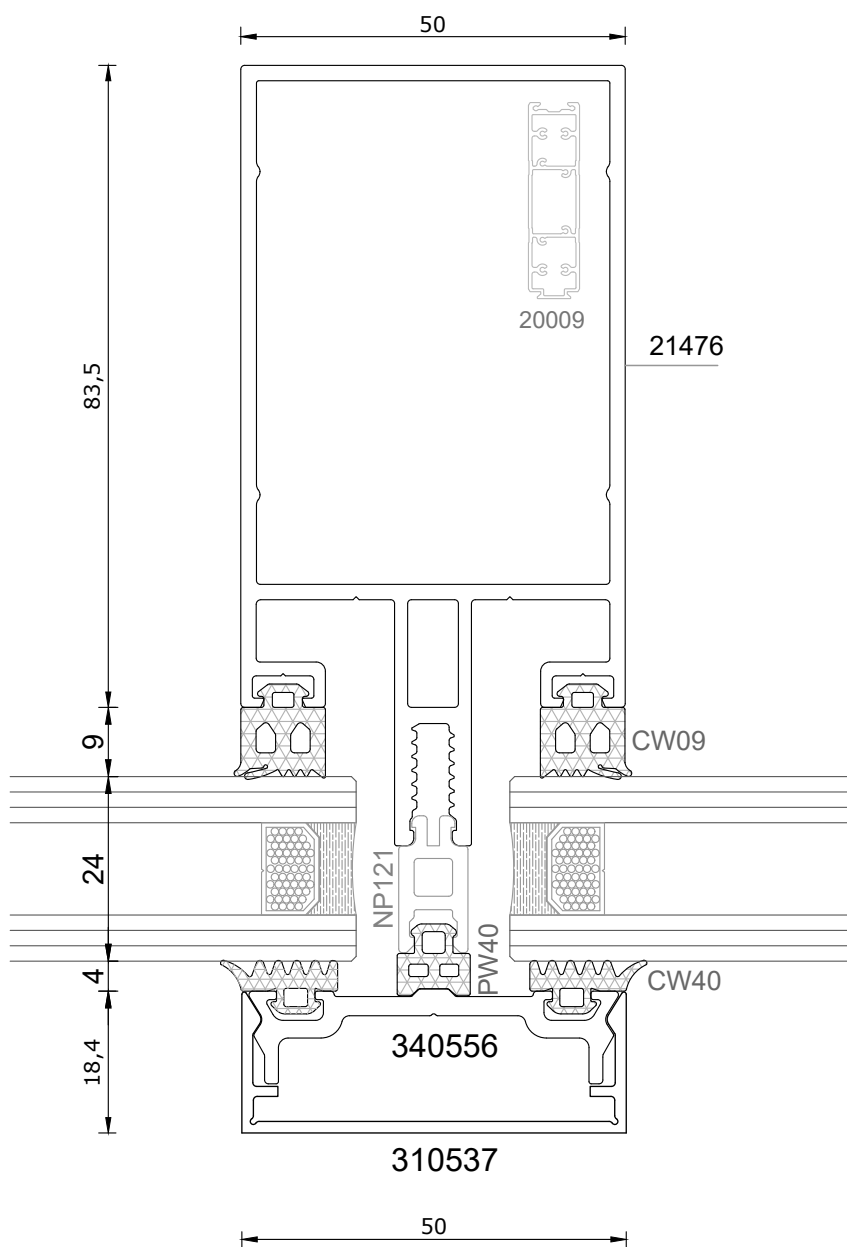
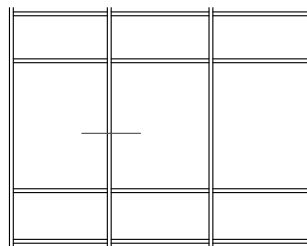
profile	corner cleat	shape	cutting size	corner cleat	shape	cutting size
21207	C12.6		33.4 mm 	C12.6		11.7 mm 
21595	C7.8		33 mm 	-	-	-

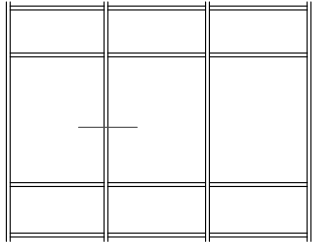
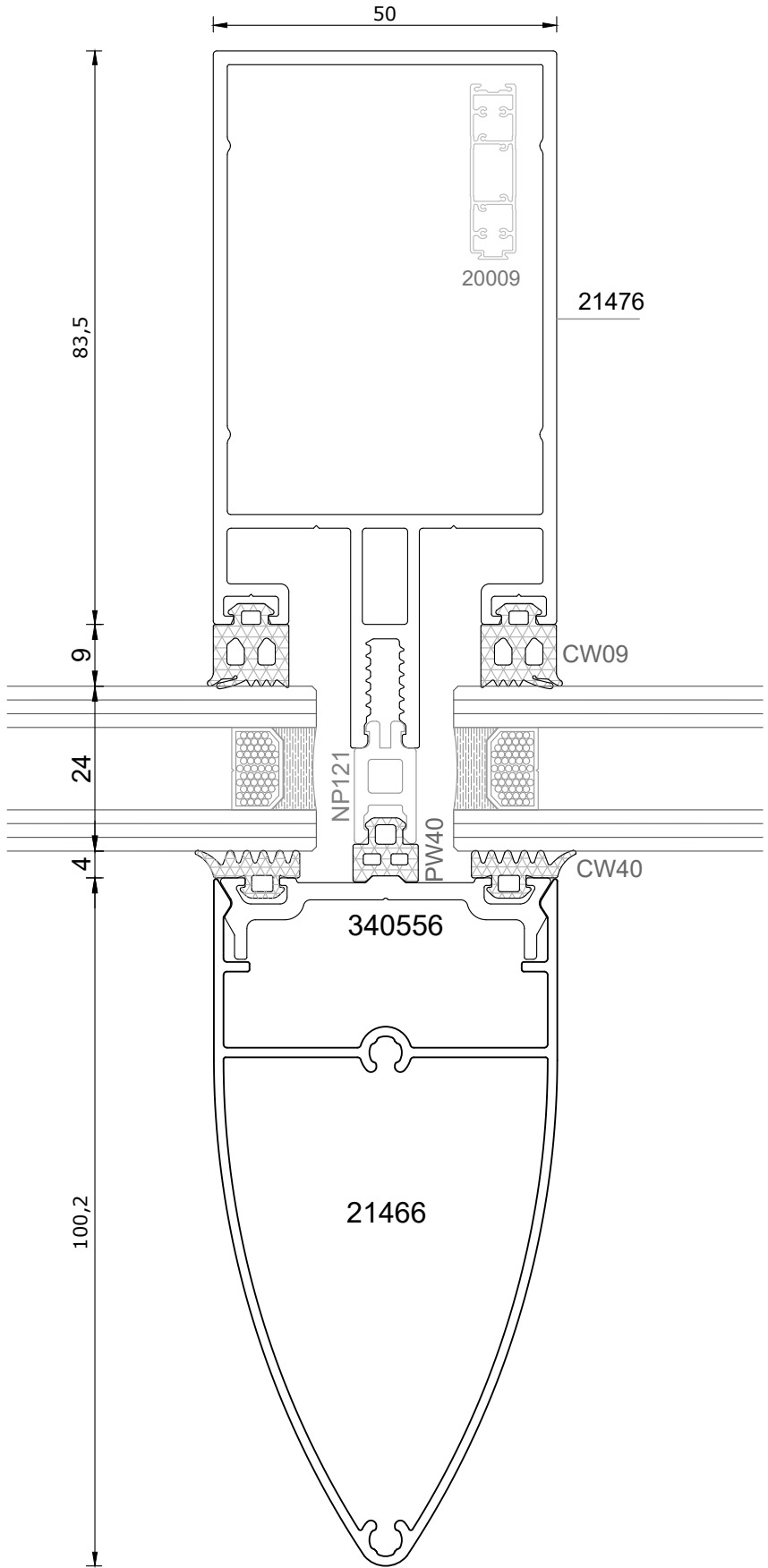
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21600	1	4.2	9.78
21596	1.09	3.78	14.38

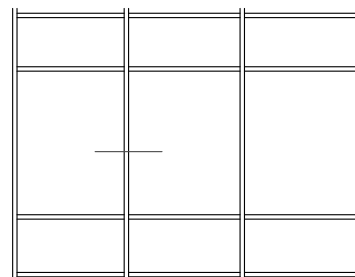
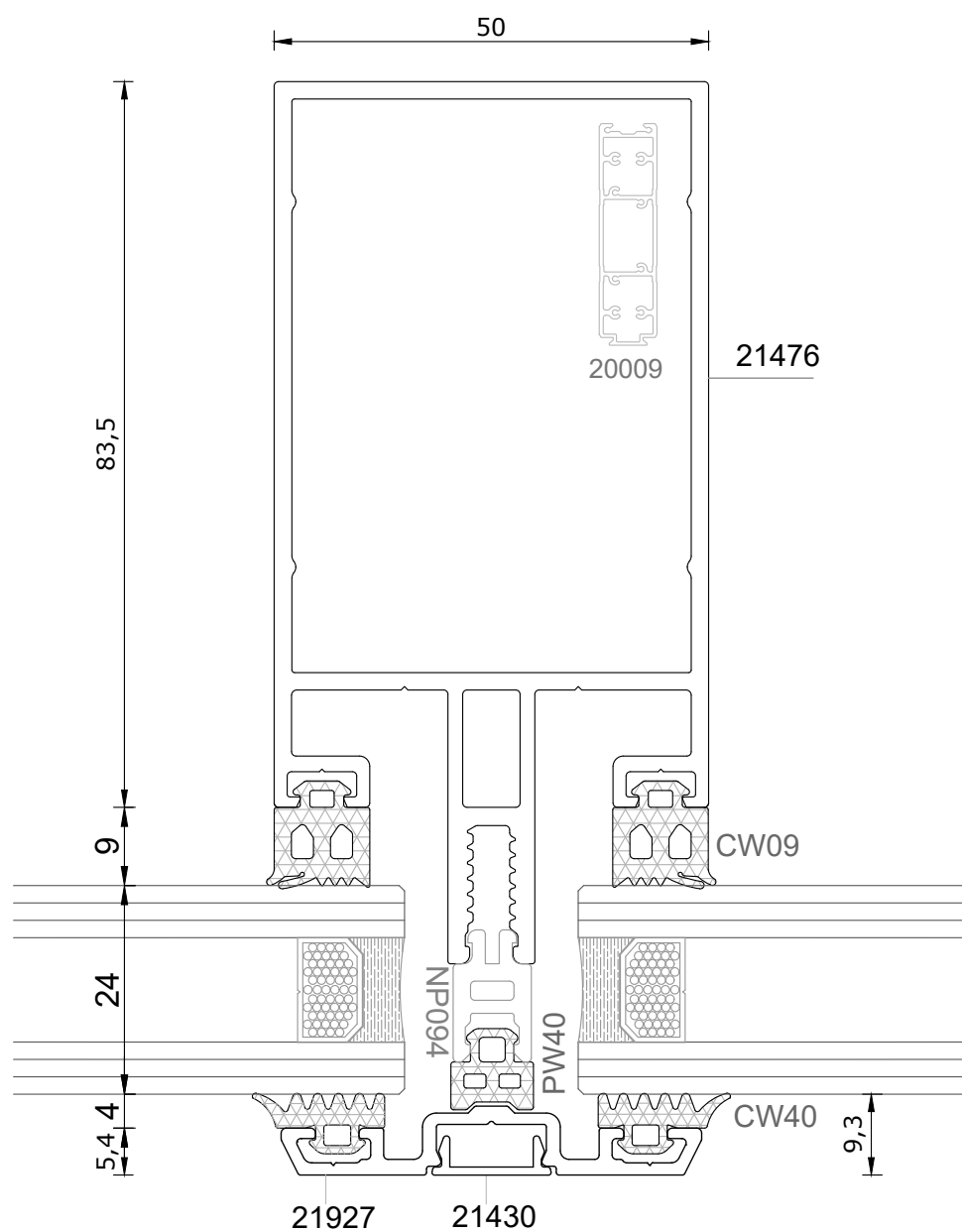


scale 1:1

profile	corner cleat	shape	cutting size	corner cleat	shape	cutting size
21600	C10.6		31.9 mm	C10.6		13.2 mm
21596	C10.6		31.9 mm	C7.8		23.3 mm






CW65
FACE CAP

CW65
STRUCTURAL GLAZING

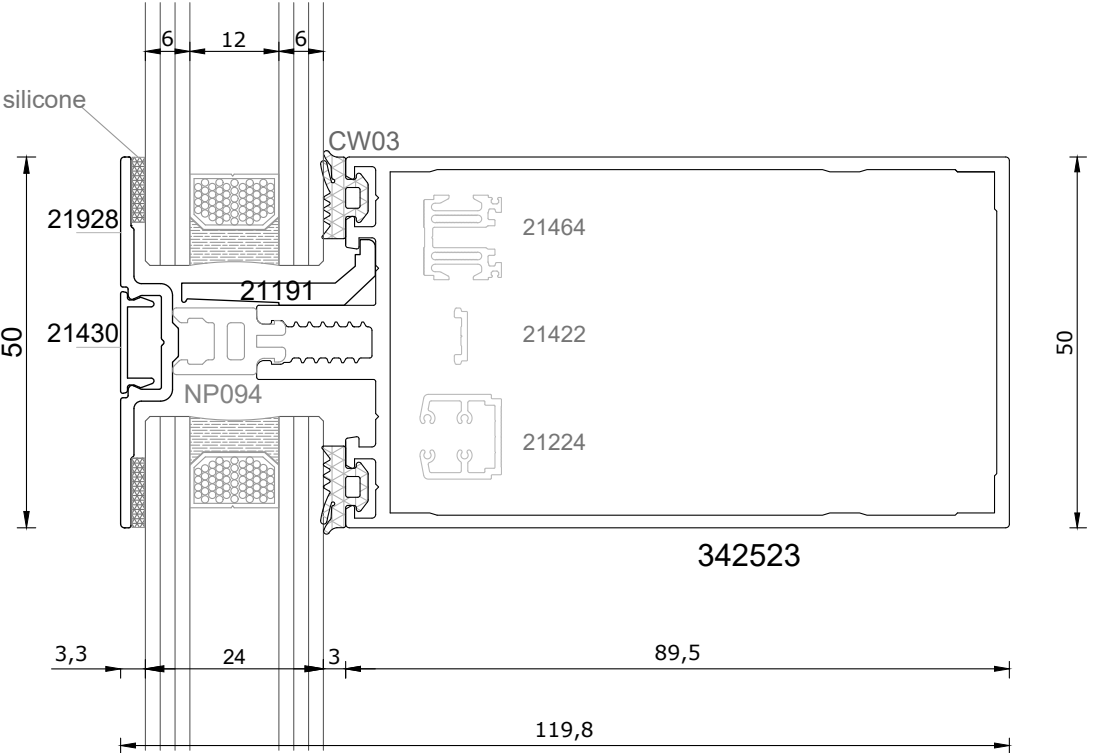
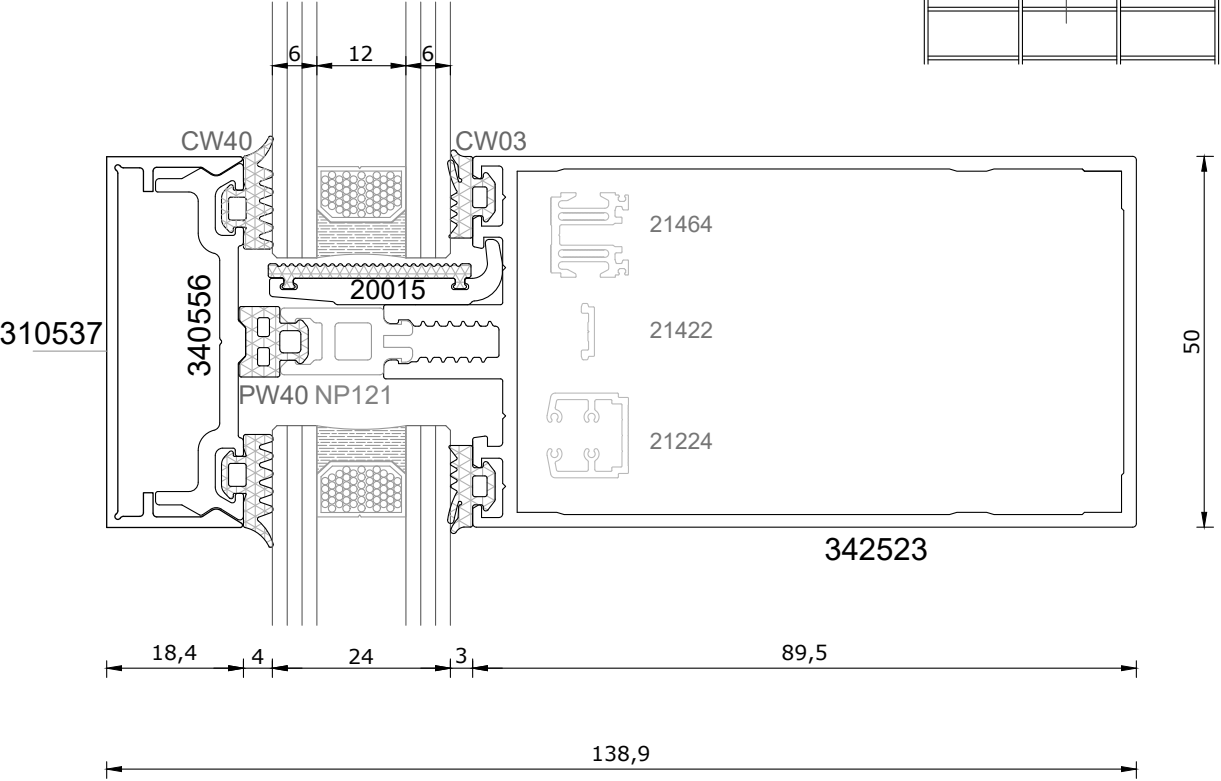
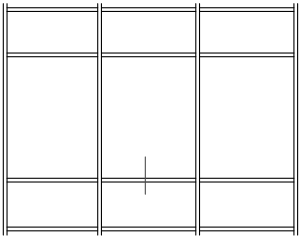
CW50
FACE CAP

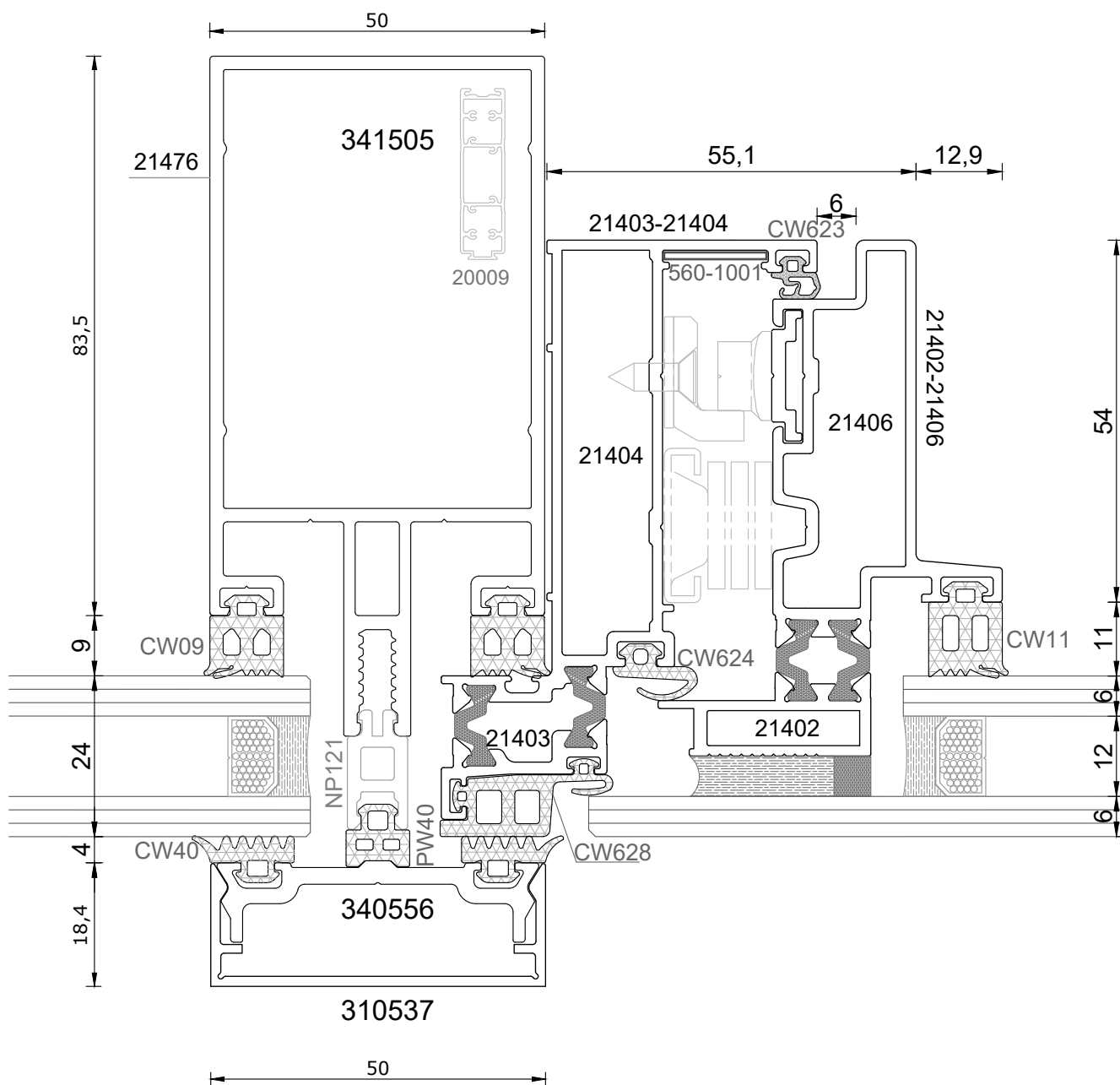
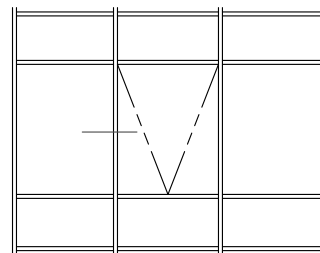
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

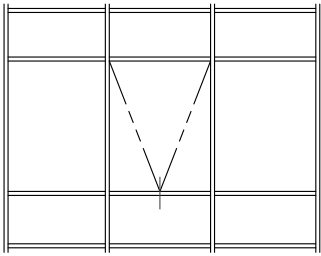
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

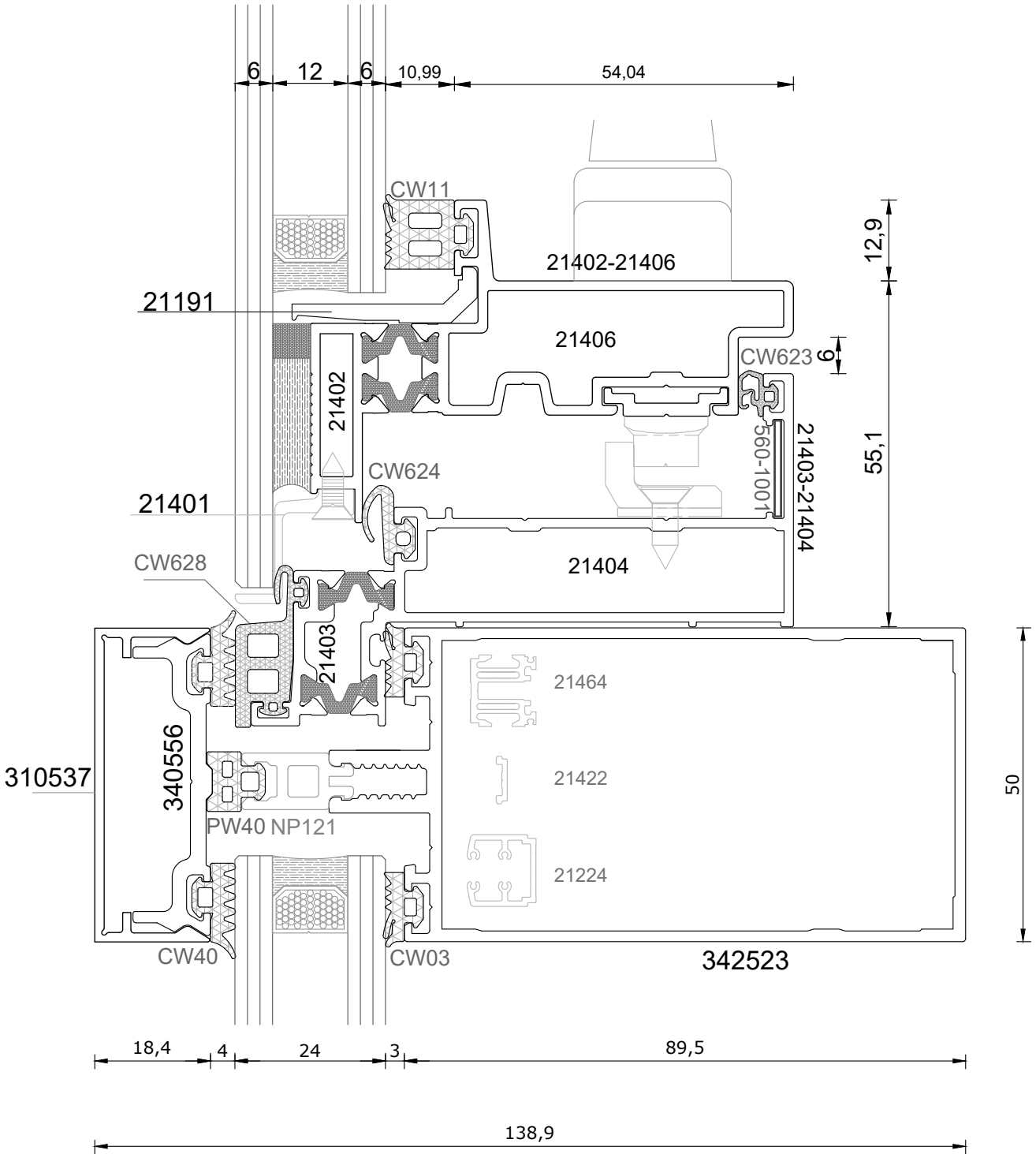
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SLIDING FOLDING

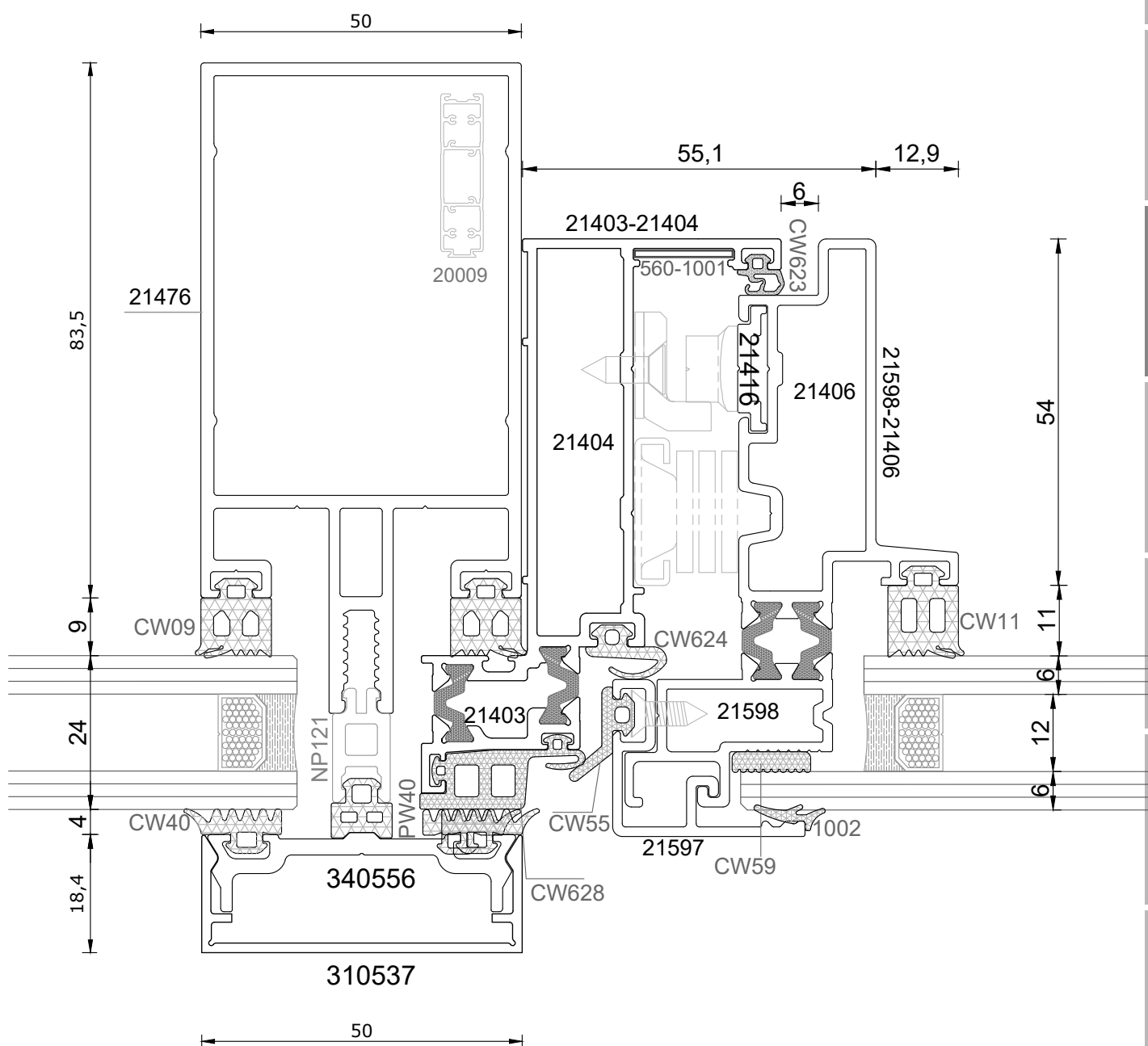
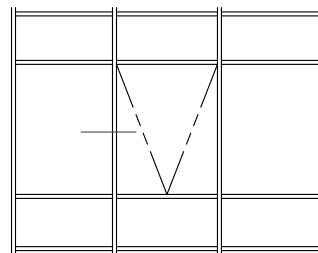
HANDRAIL

SKY LIGHT



CW65
FACE CAP
CW65
STRUCTURAL GLAZING
CW50
FACE CAP
CW50
STRUCTURAL GLAZING
SF-50T
SLIDING FOLDING
HANDRAIL
SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

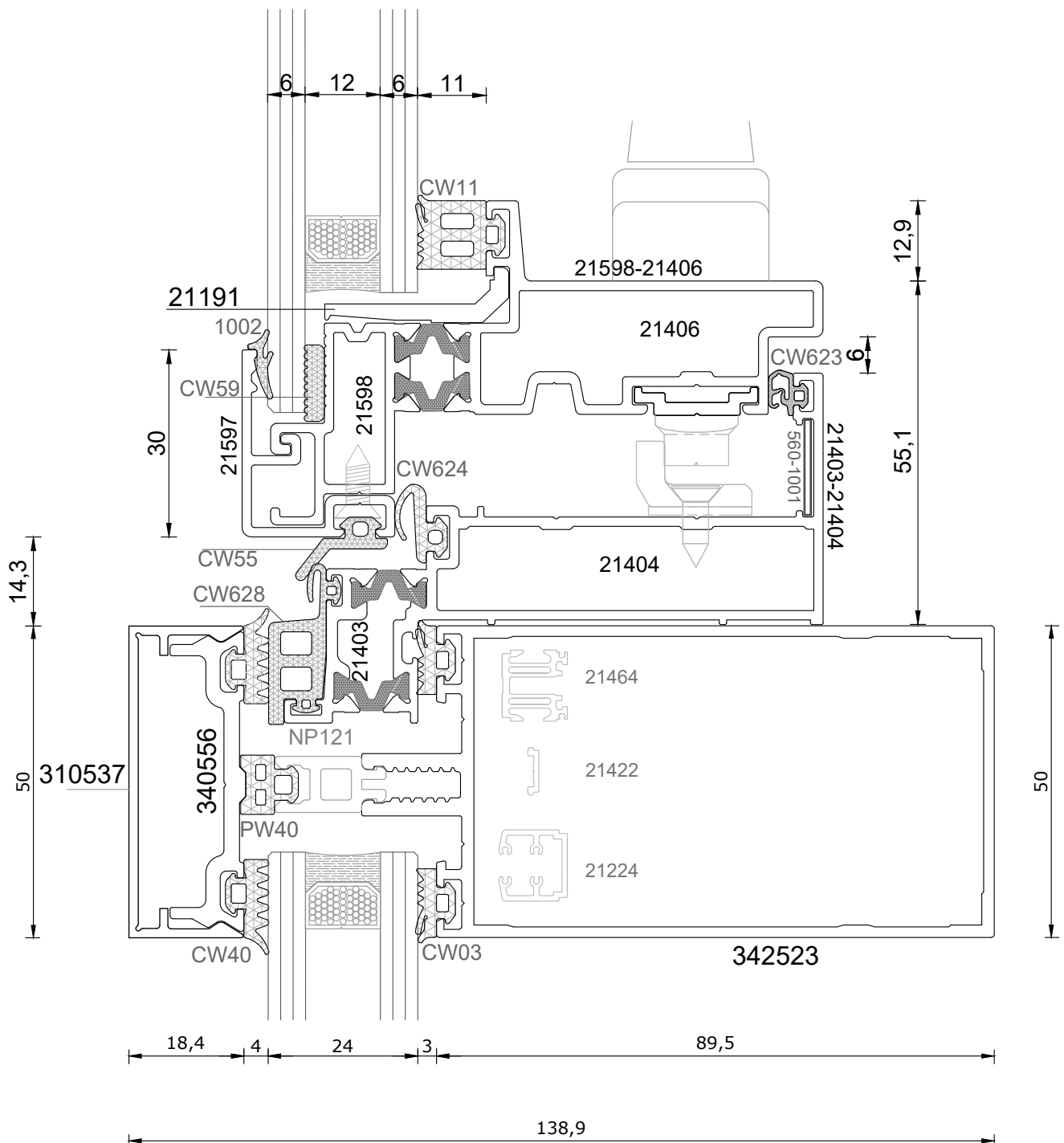
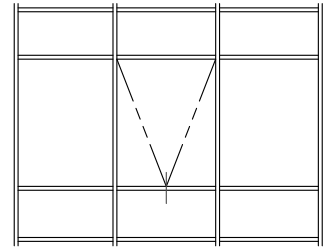
CW50
FACE CAP

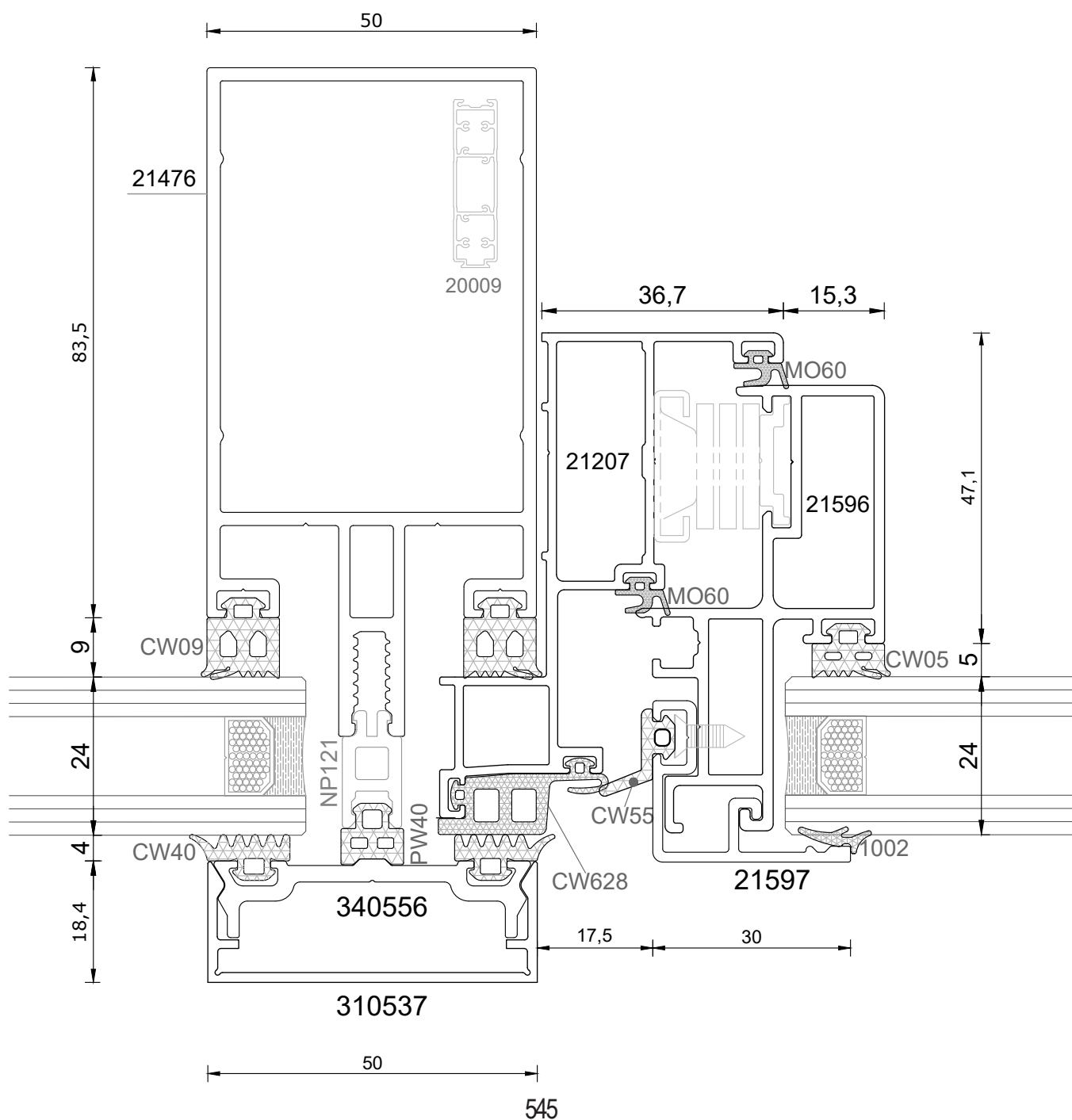
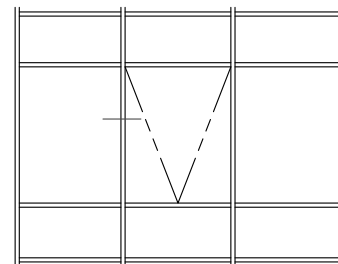
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

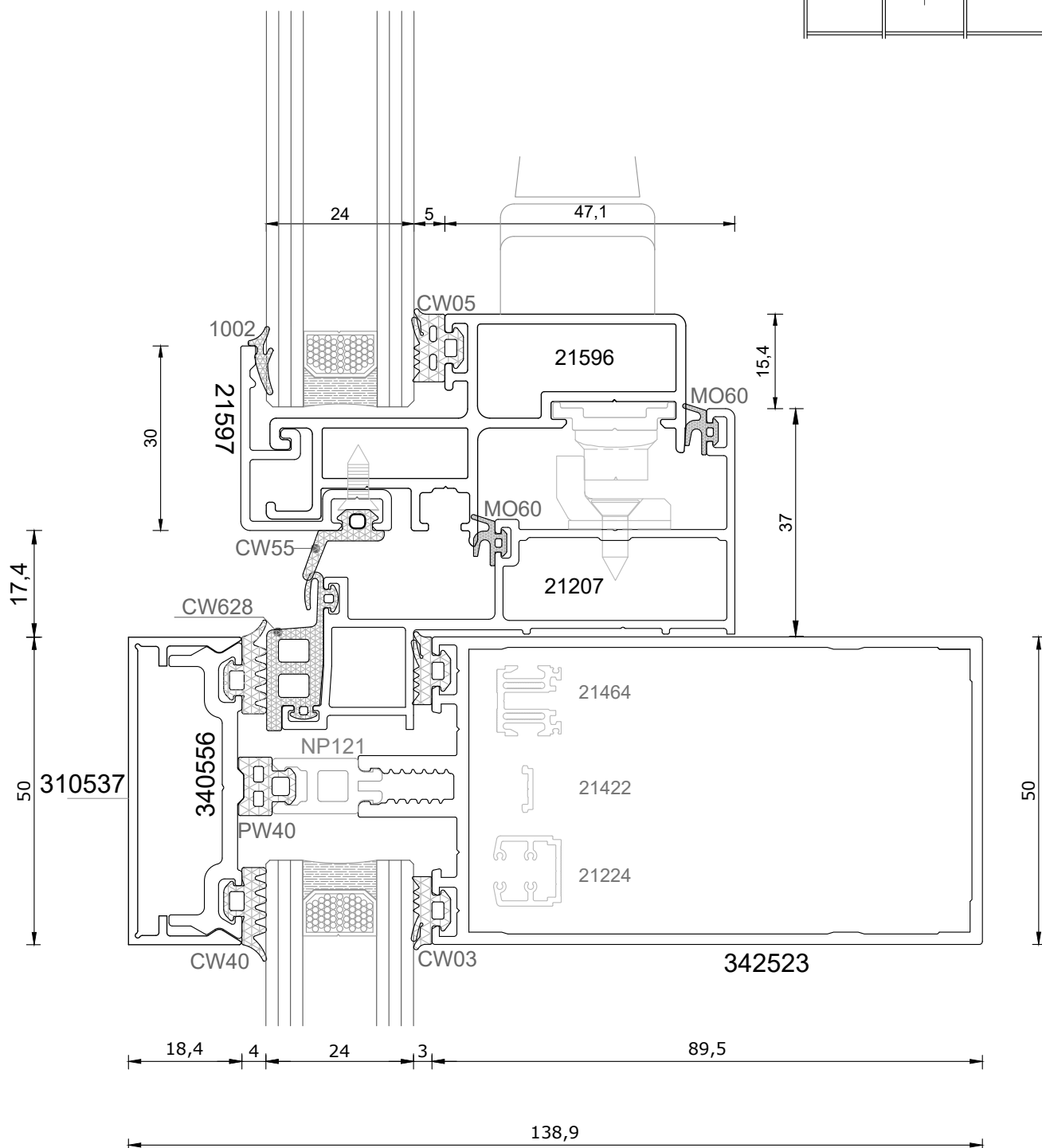
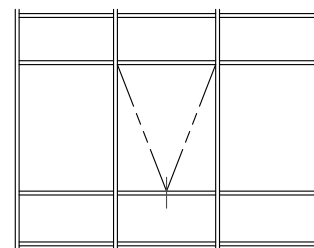
CW50
FACE CAP

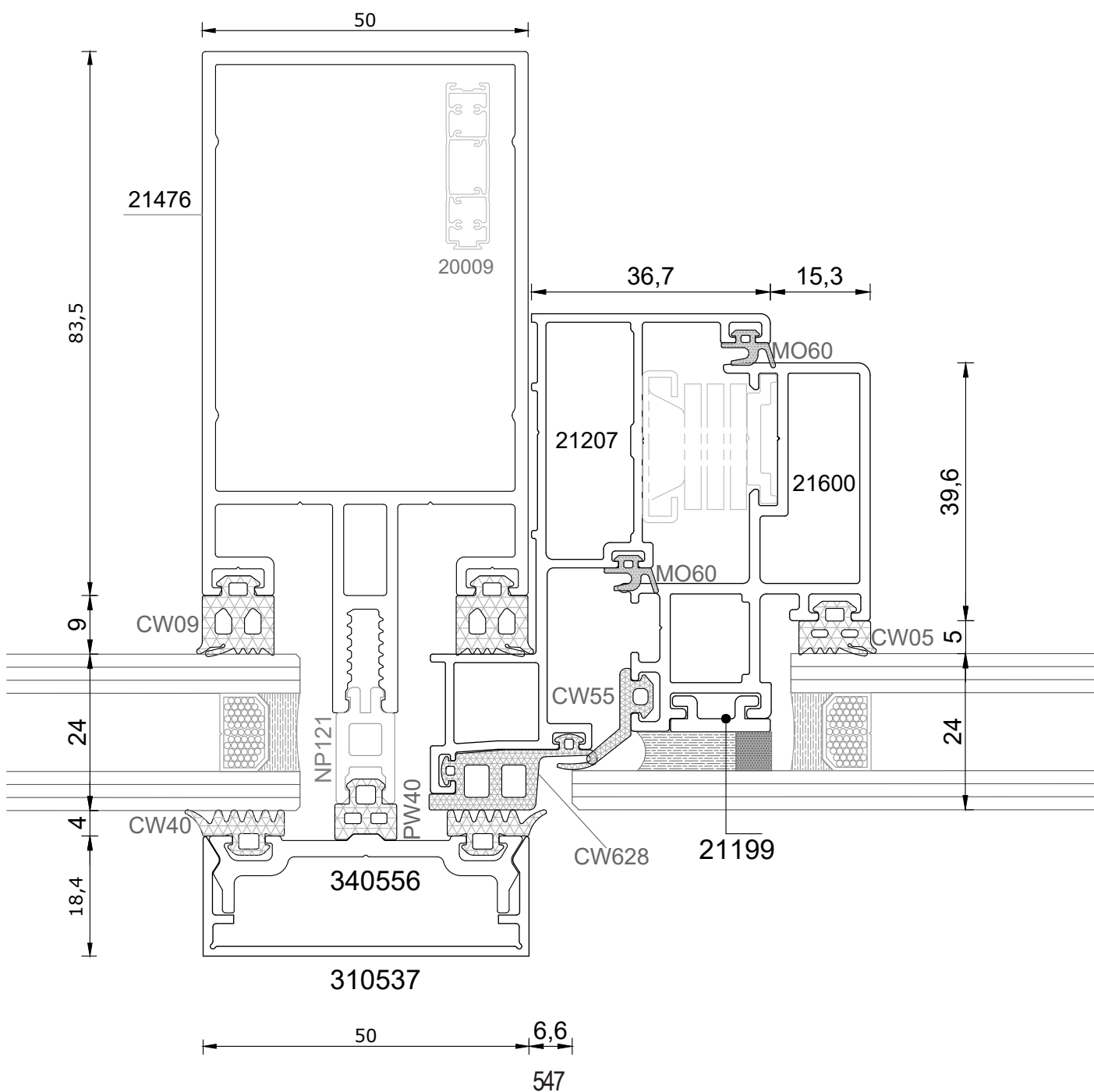
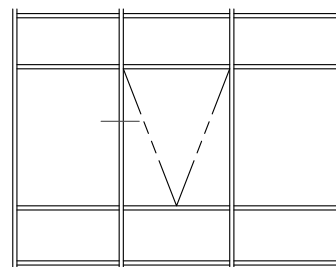
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

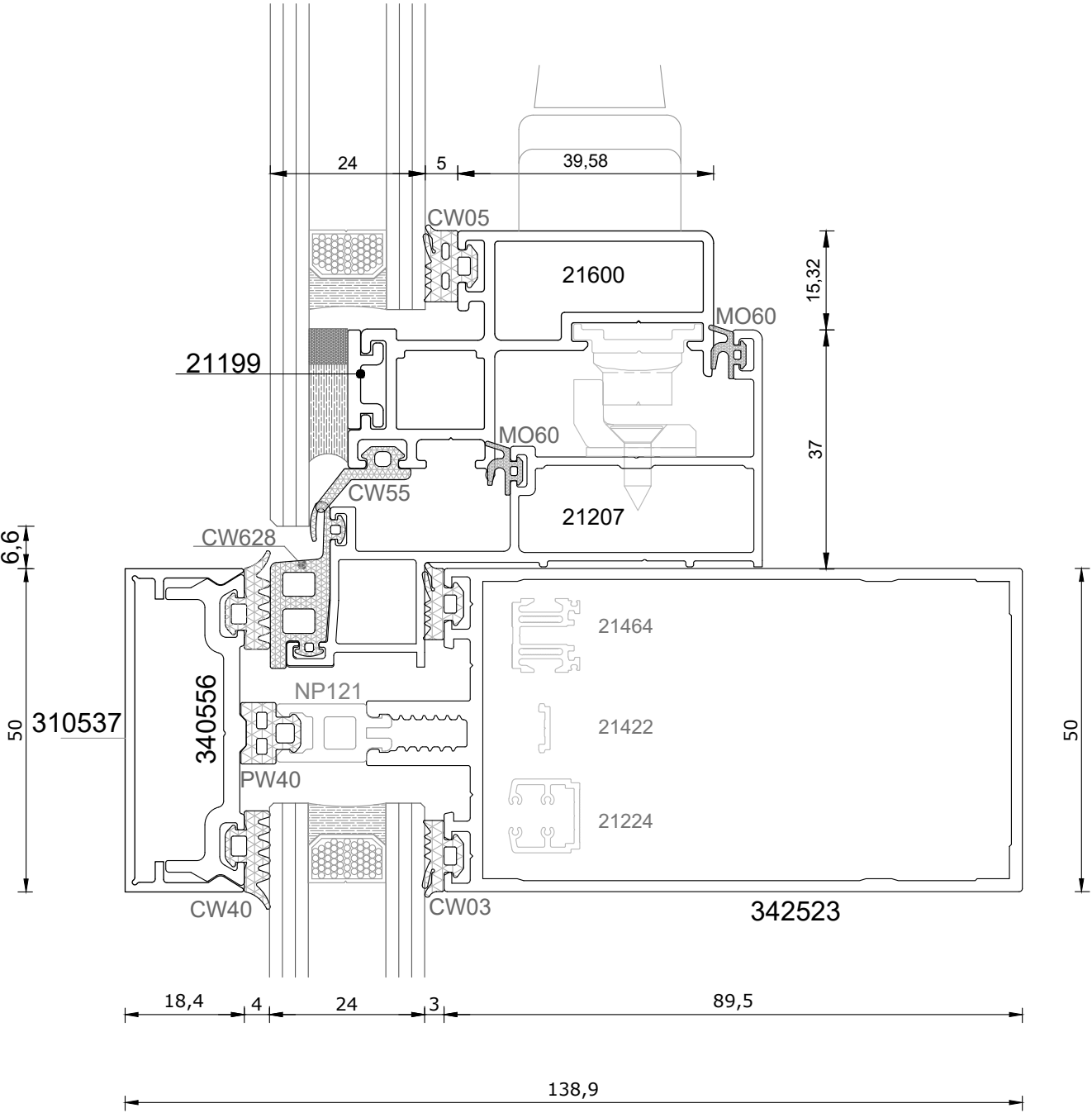
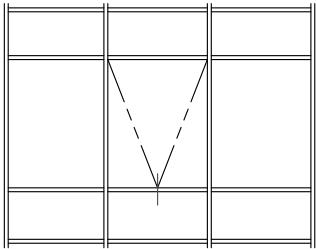
CW50
FACE CAP

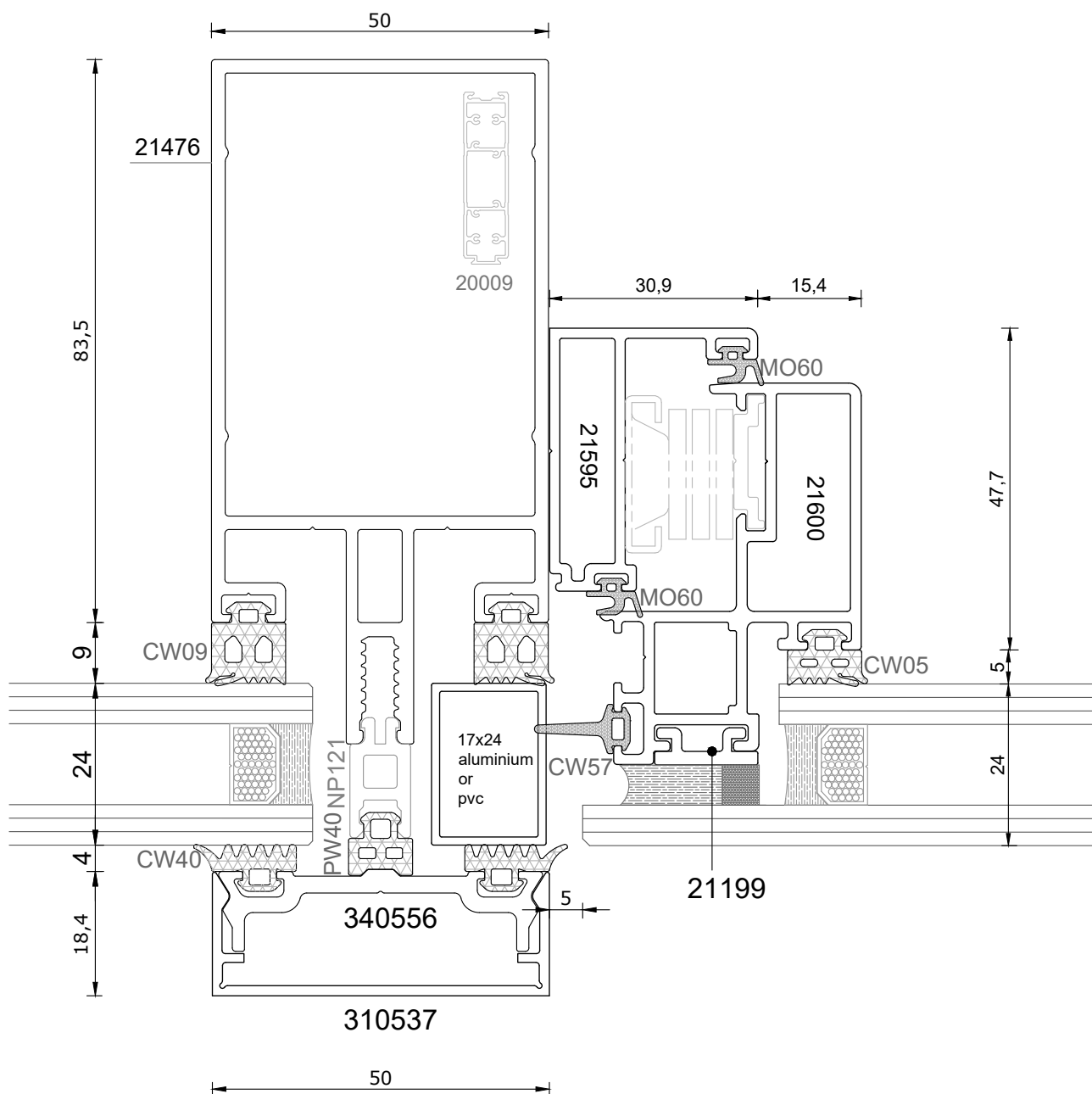
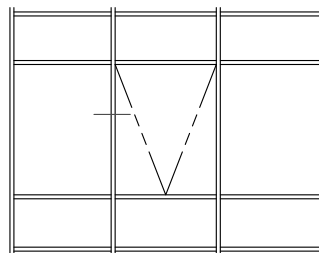
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

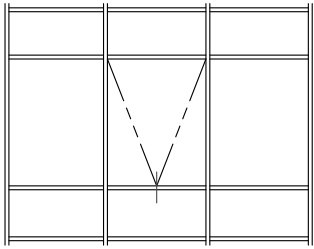
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

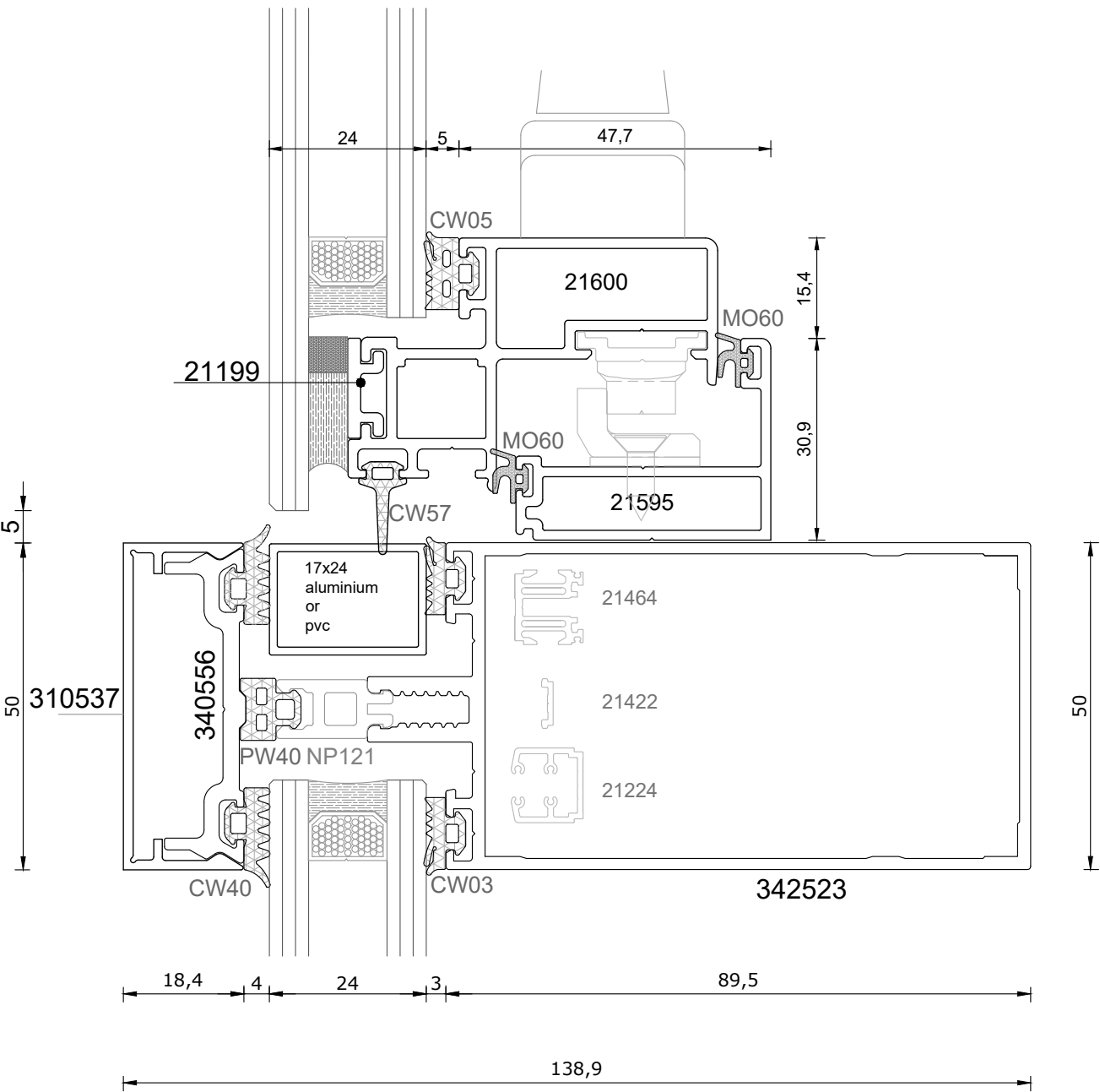
SF-50T
SLIDING FOLDING

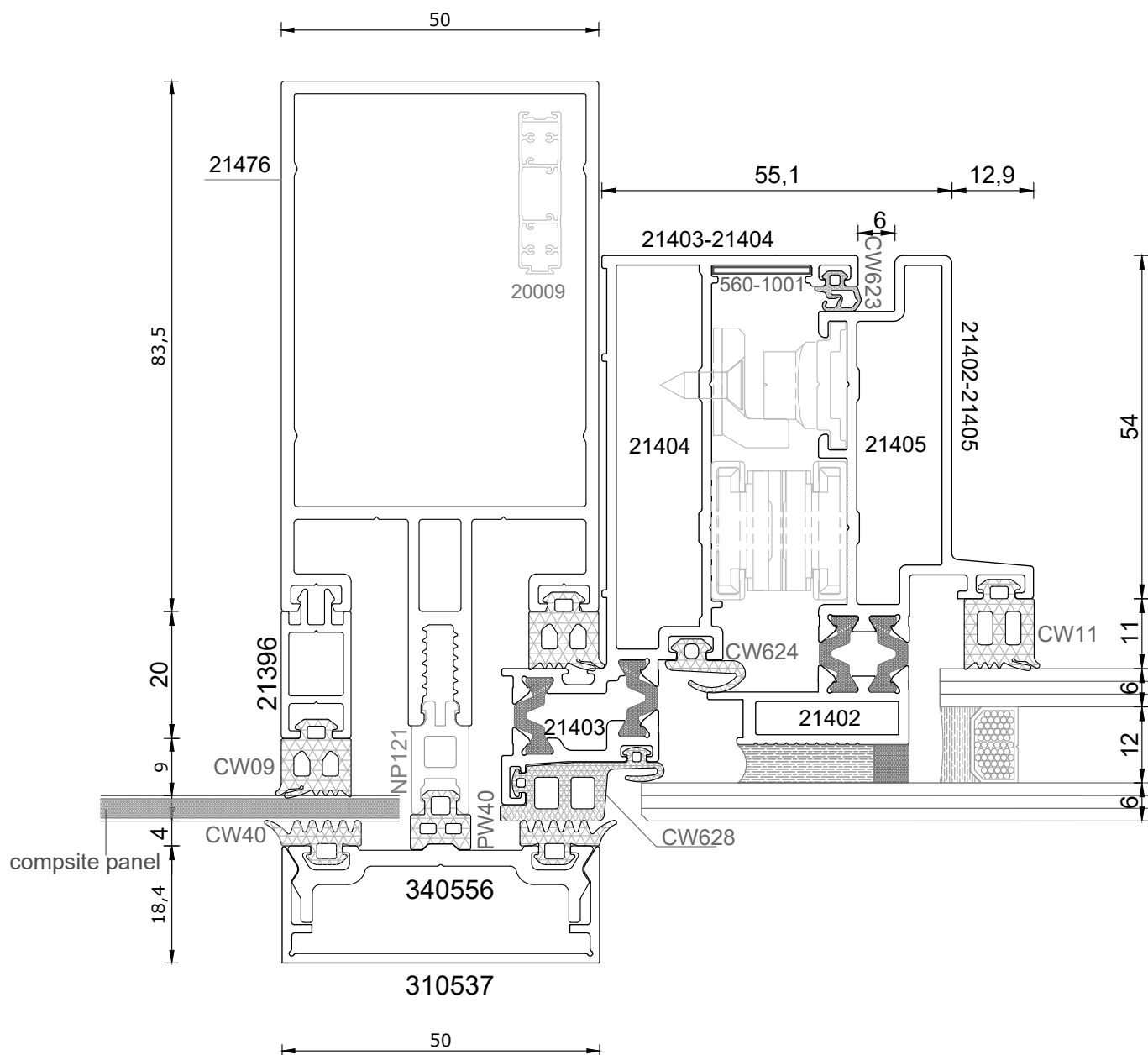
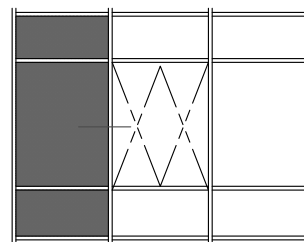
HANDRAIL

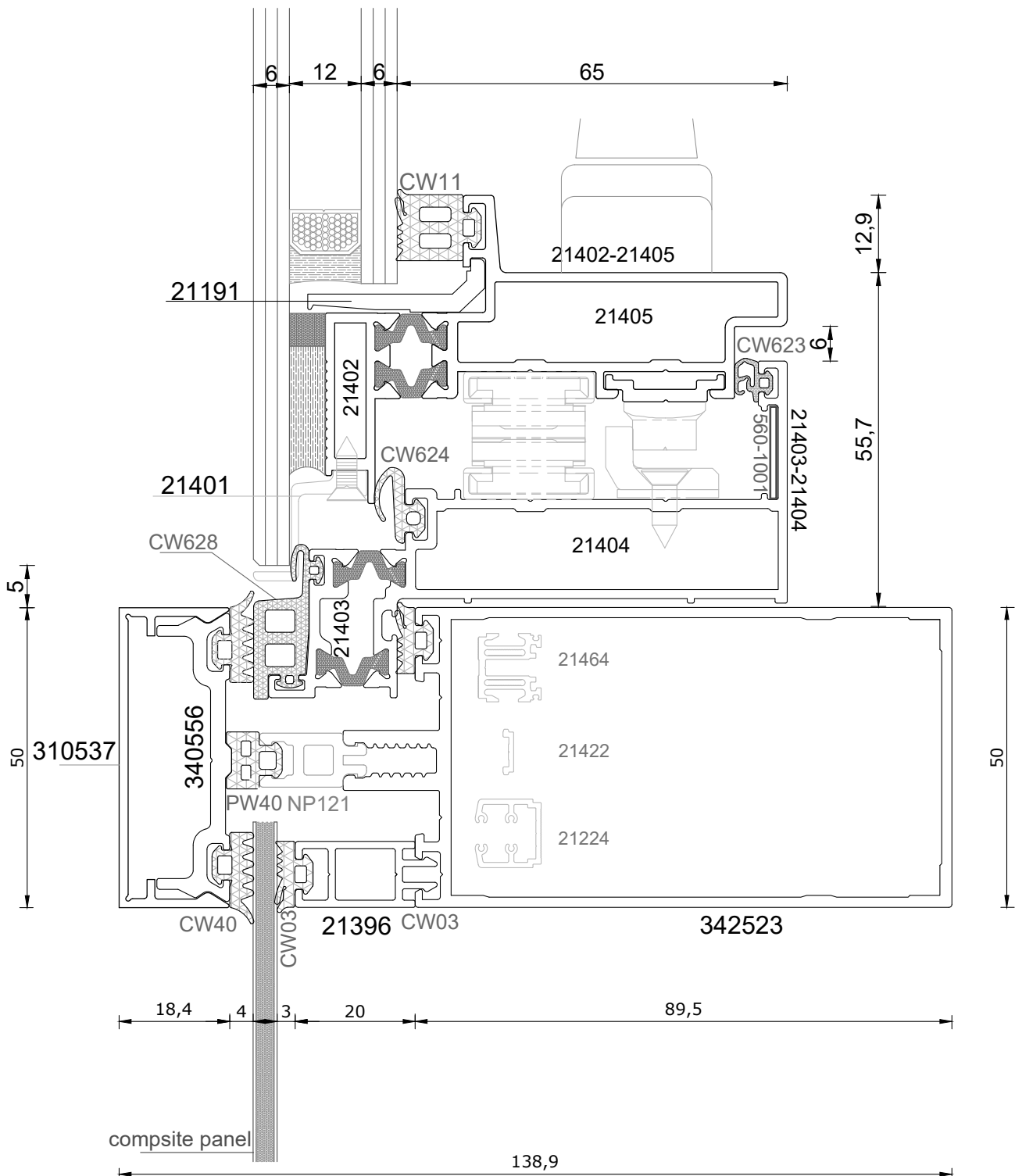
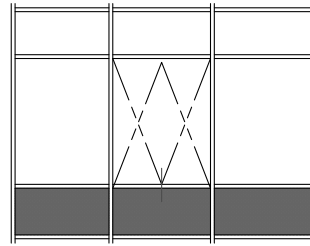
SKY LIGHT

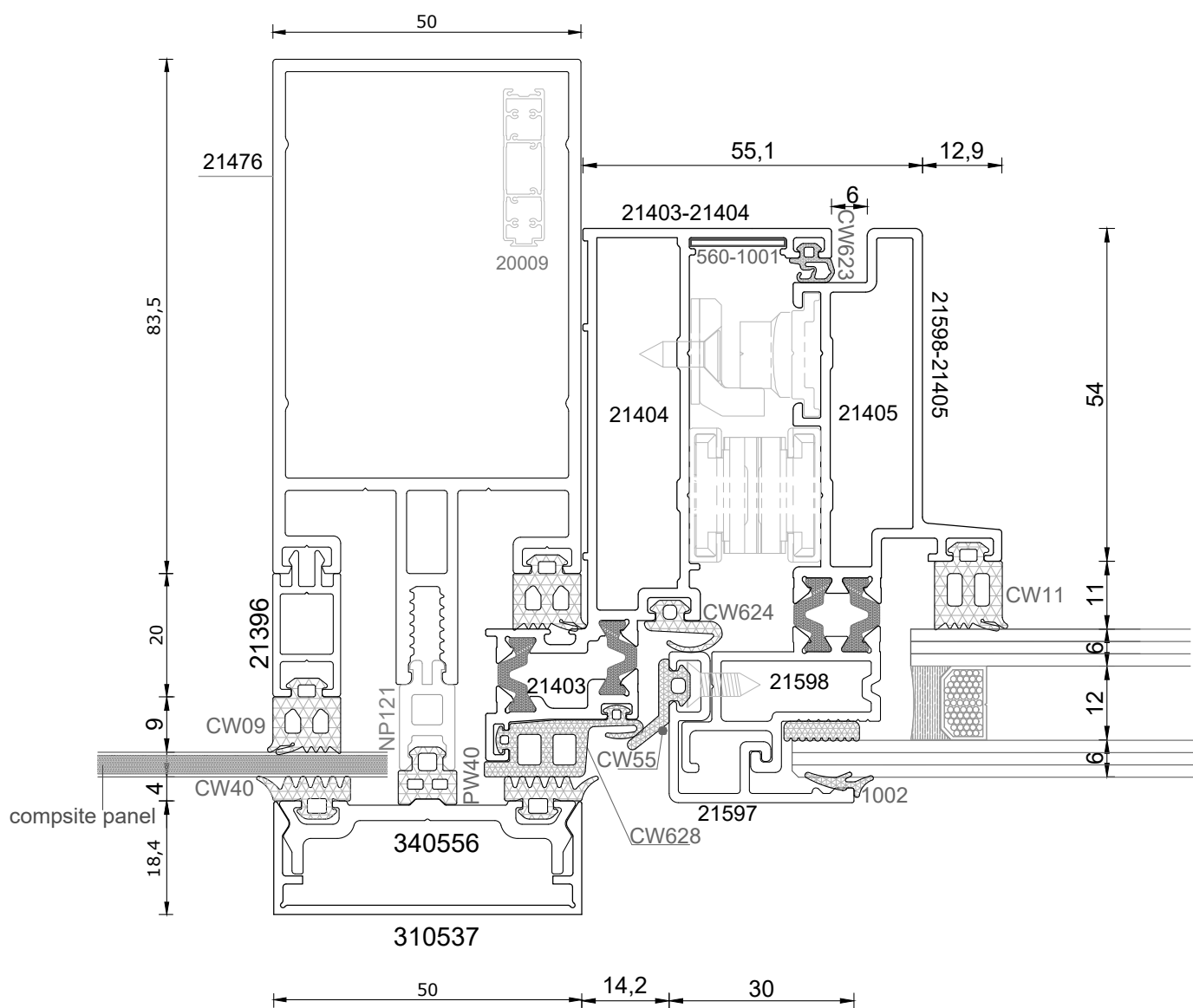
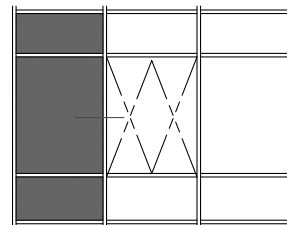


- CW65
FACE CAP
- CW65
STRUCTURAL GLAZING
- CW50
FACE CAP
- CW50
STRUCTURAL GLAZING
- SF-50T
SLIDING FOLDING
- HANDRAIL
- SKY LIGHT









CW65
FACE CAP

CW65
STRUCTURAL GLAZING

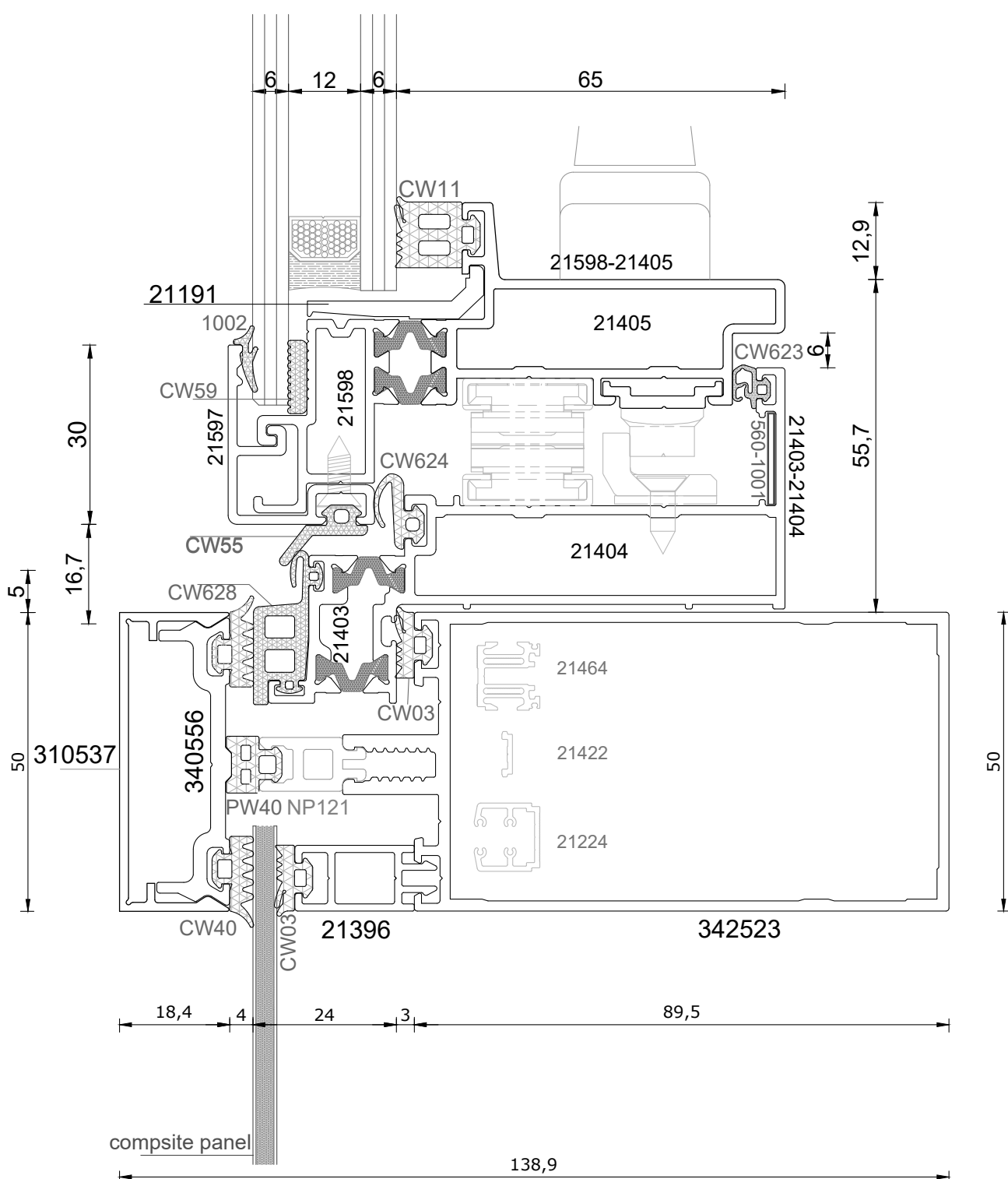
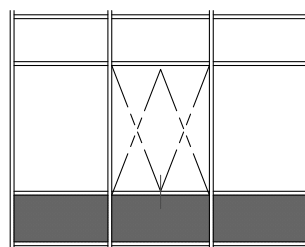
CW50
FACE CAP

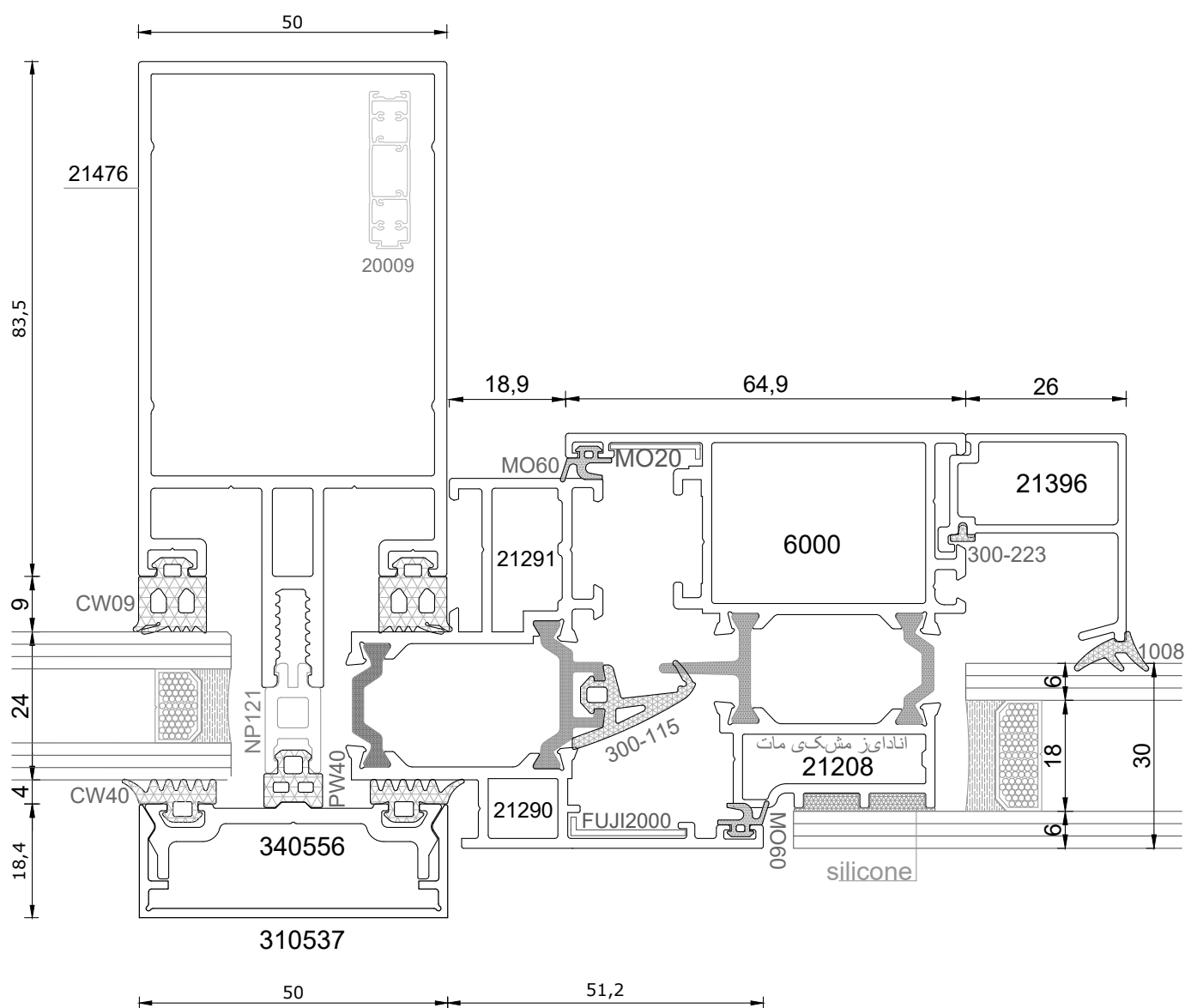
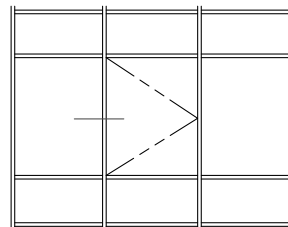
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

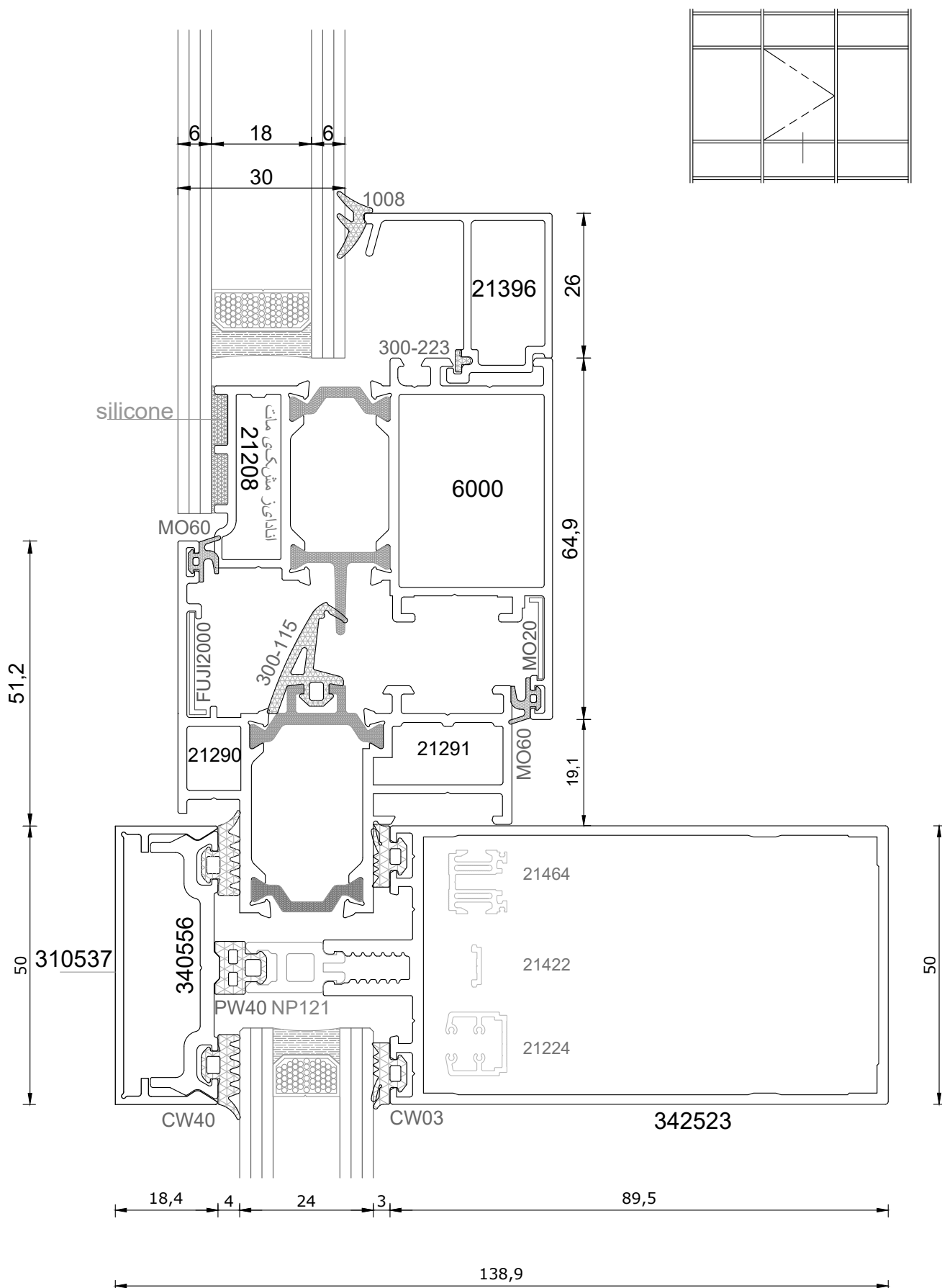
CW50
FACE CAP

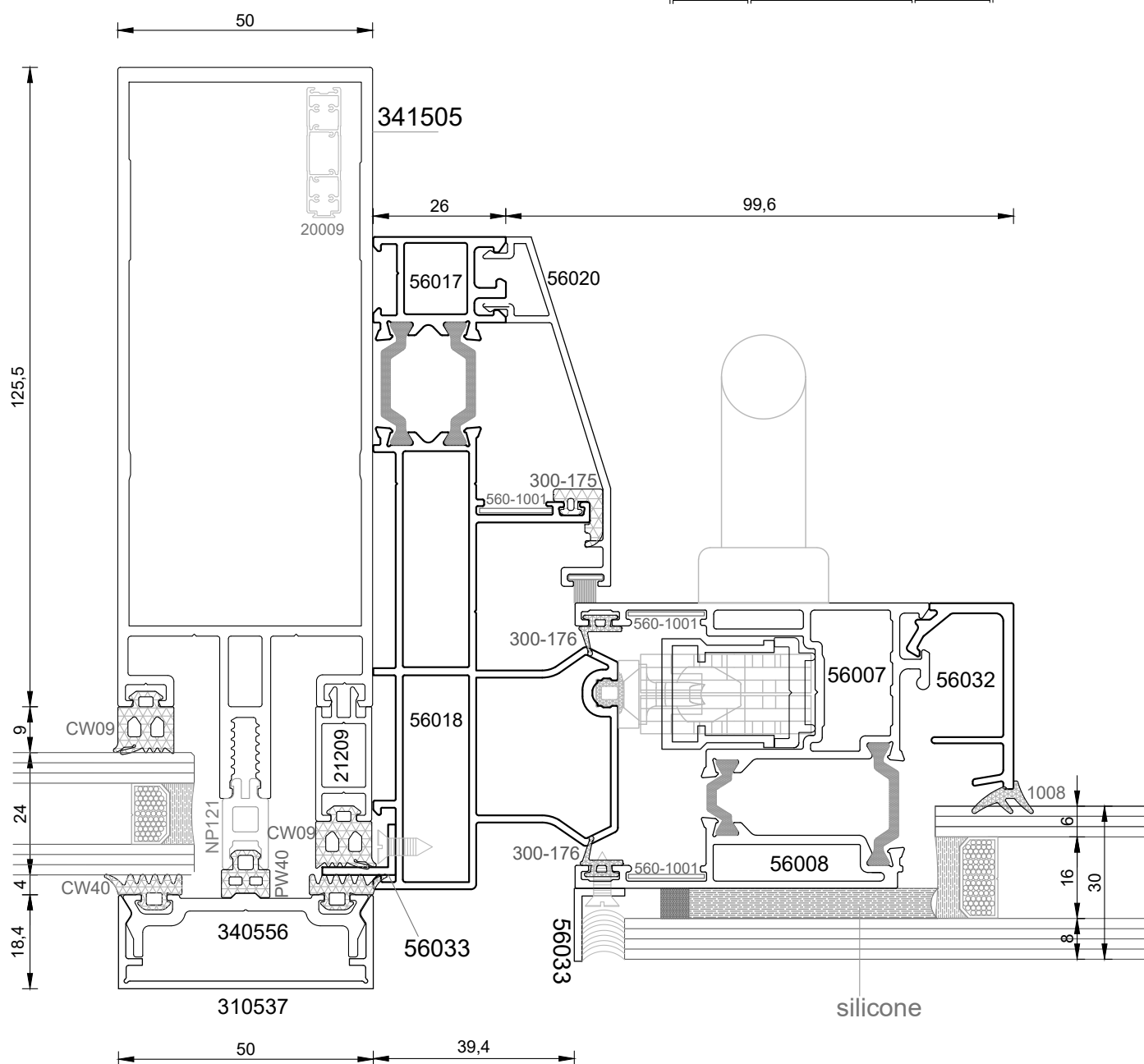
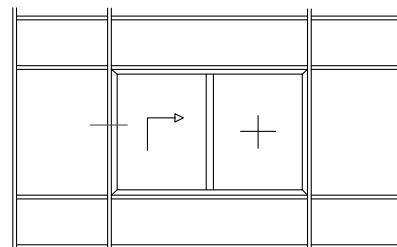
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

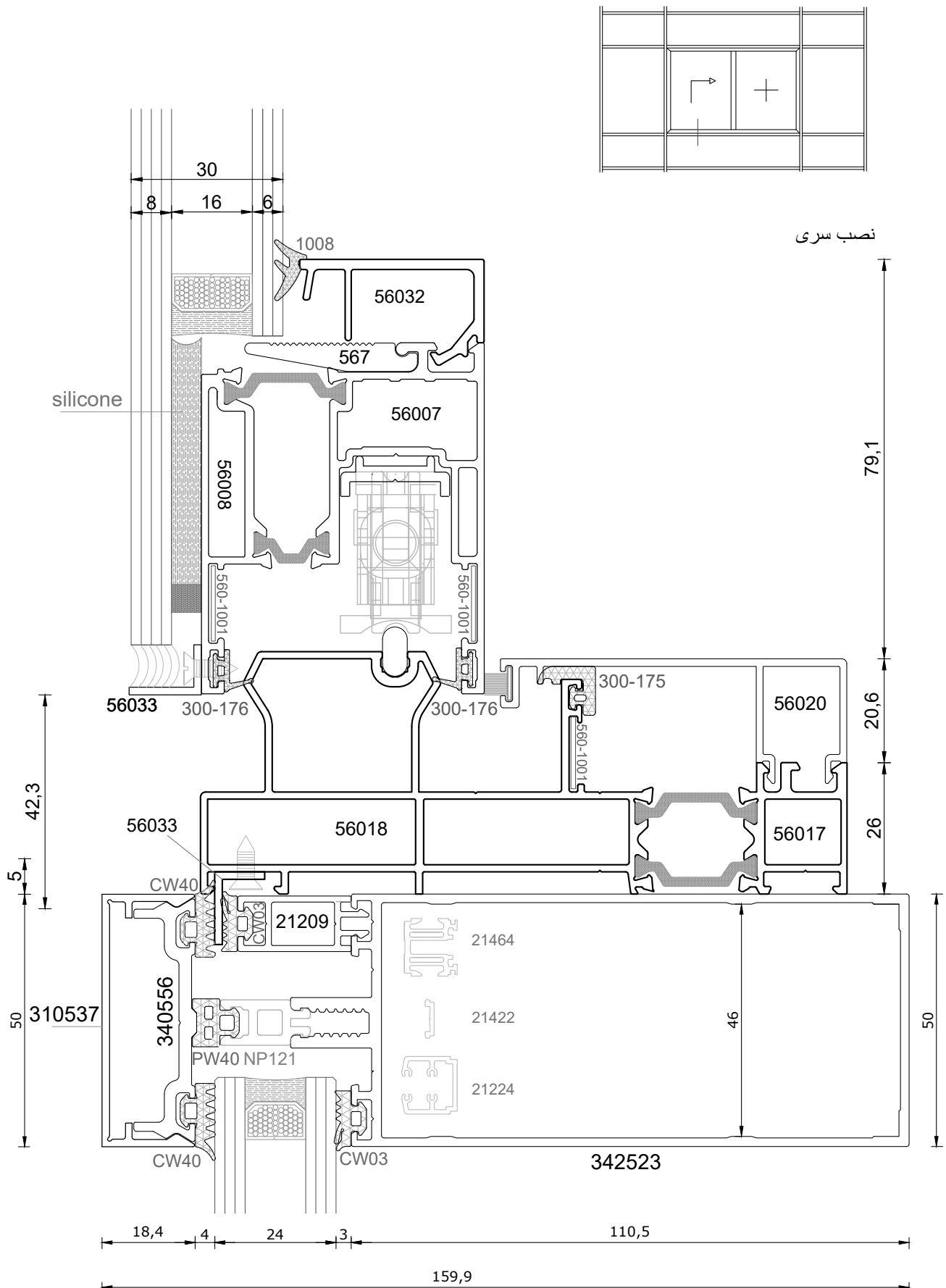
CW50
FACE CAP

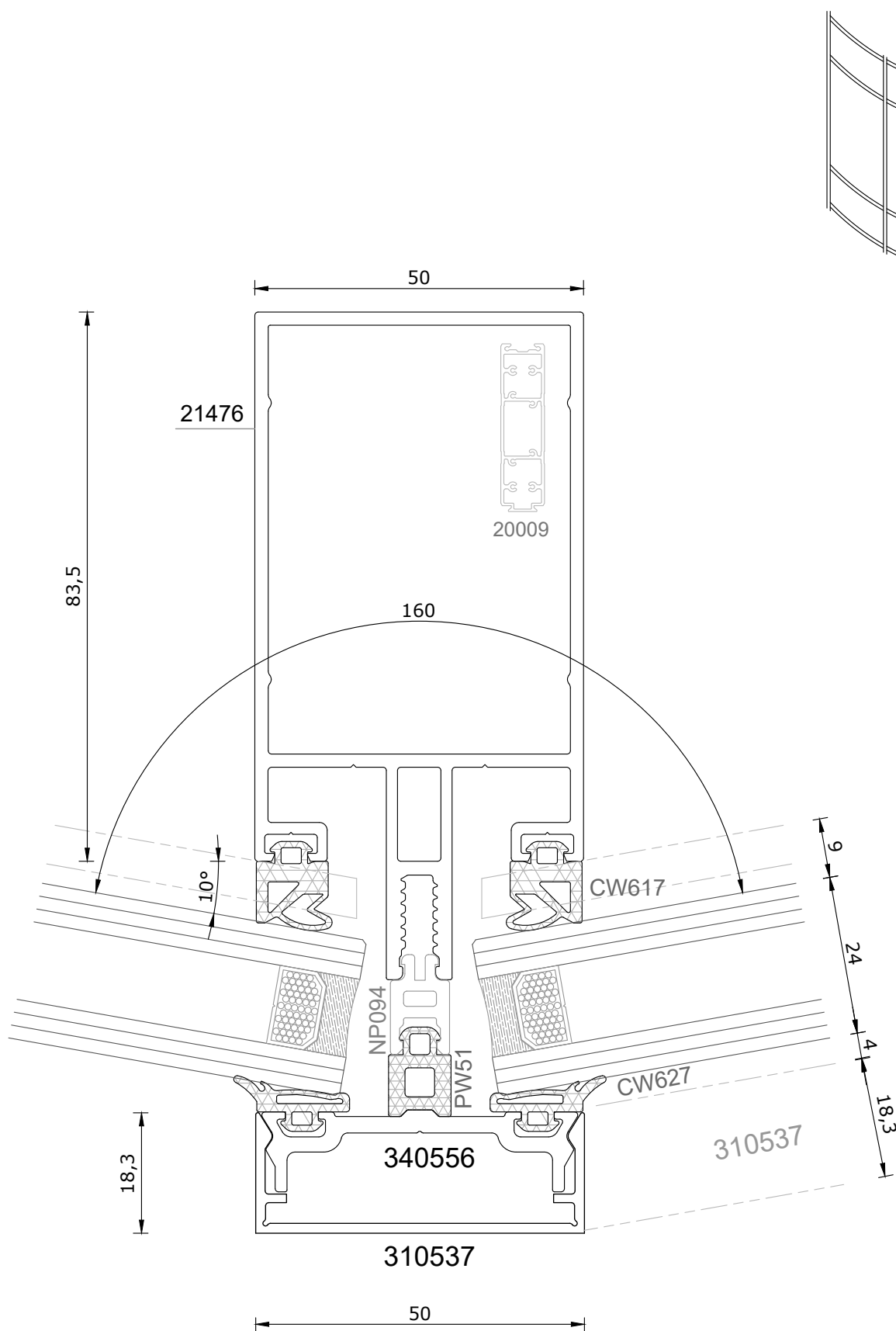
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

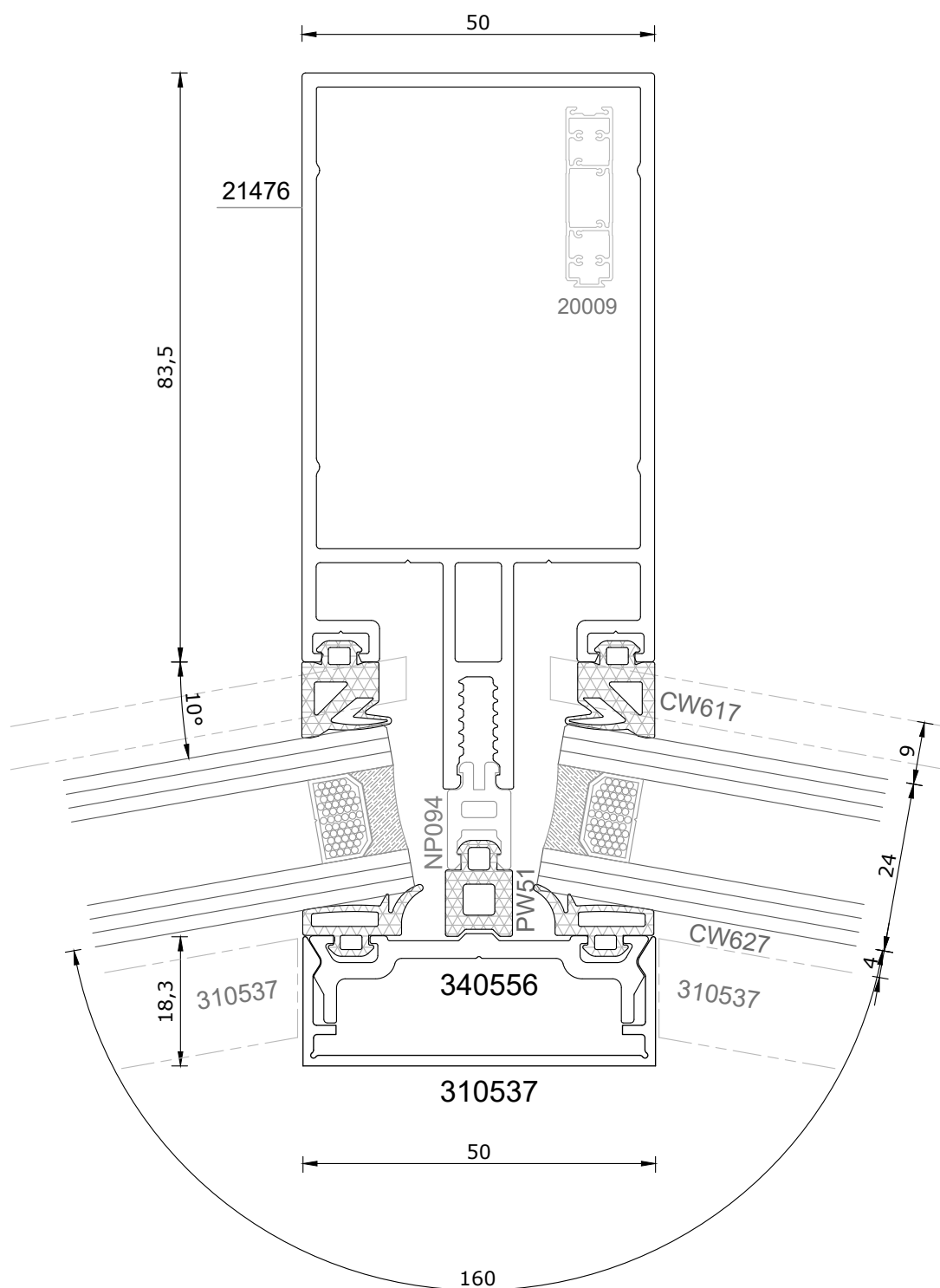
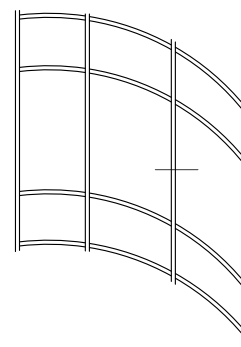
SKY LIGHT



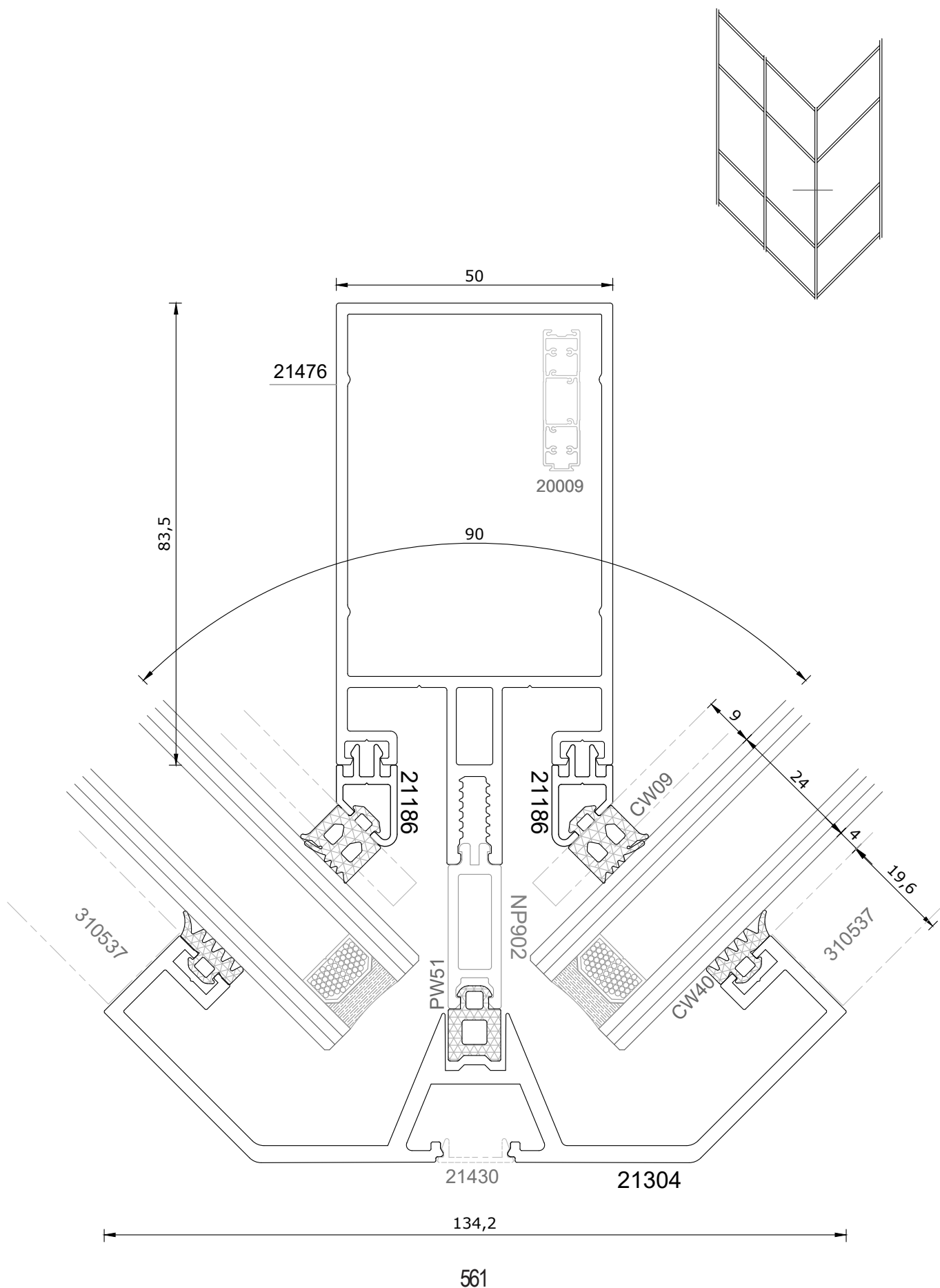


CW50 STEEL SUPPORTED FACADE SYSTEM- Face Cap

CW50 STEEL SUPPORTED FACADE SYSTEM- Face Cap



560



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

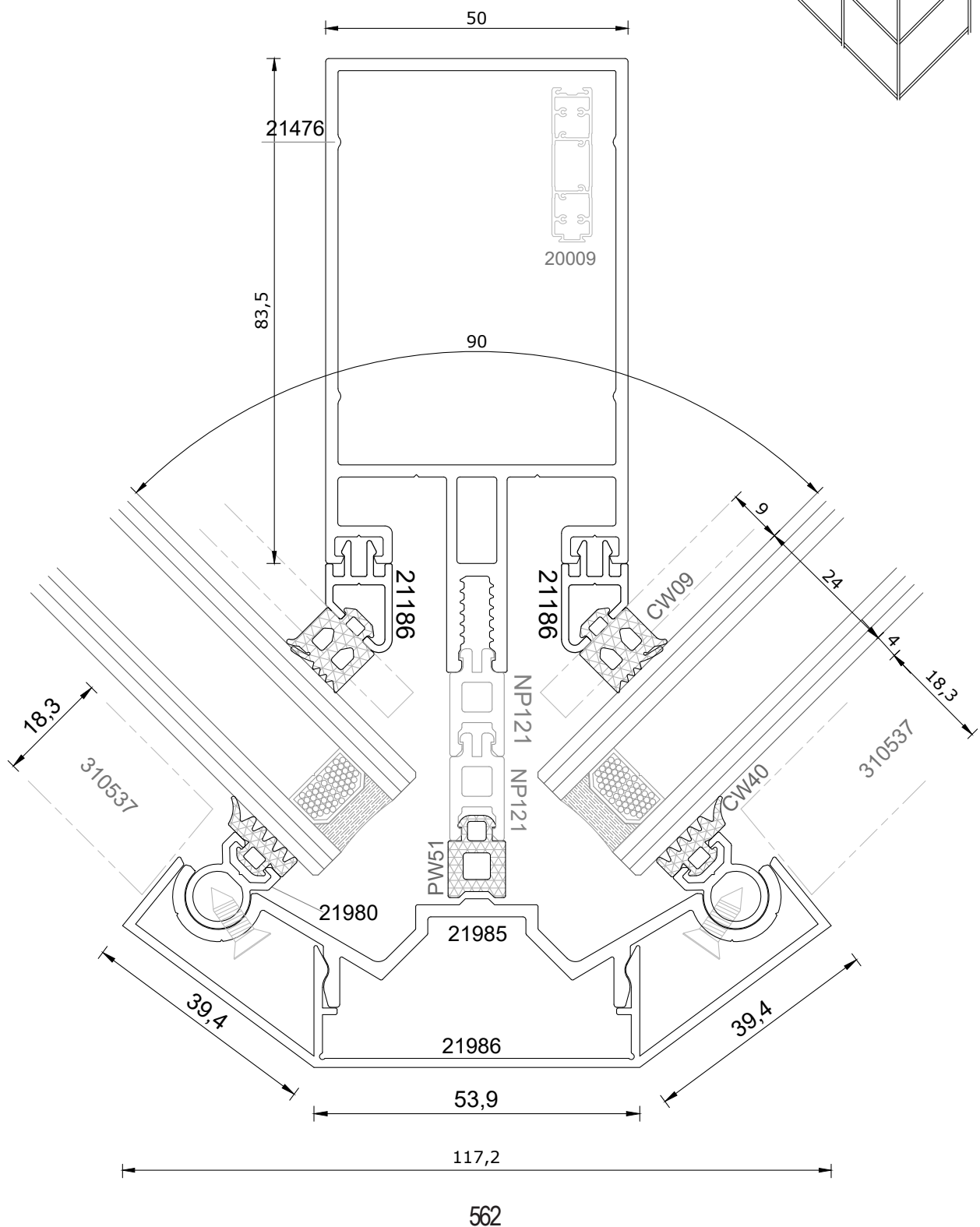
CW50
FACE CAP

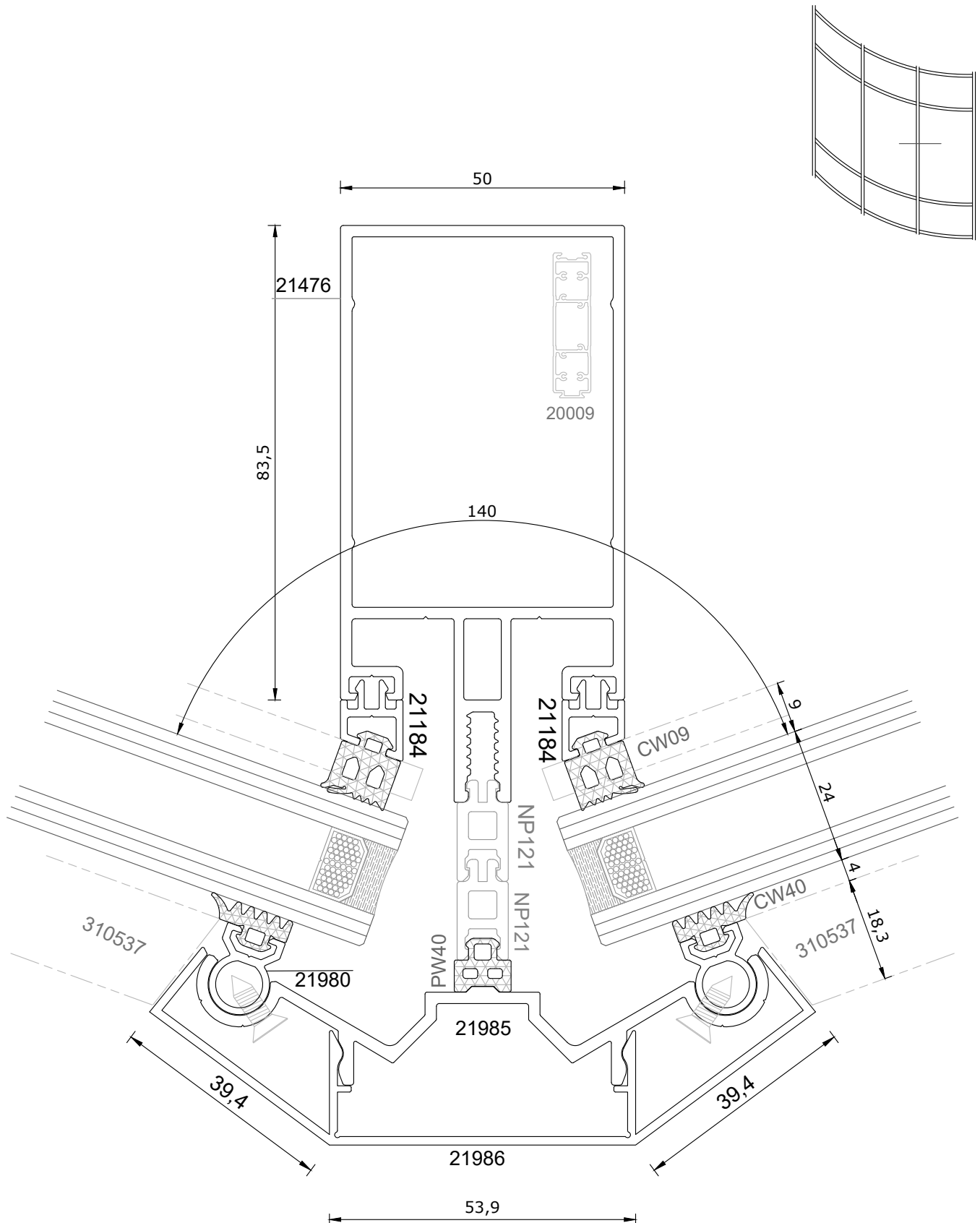
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

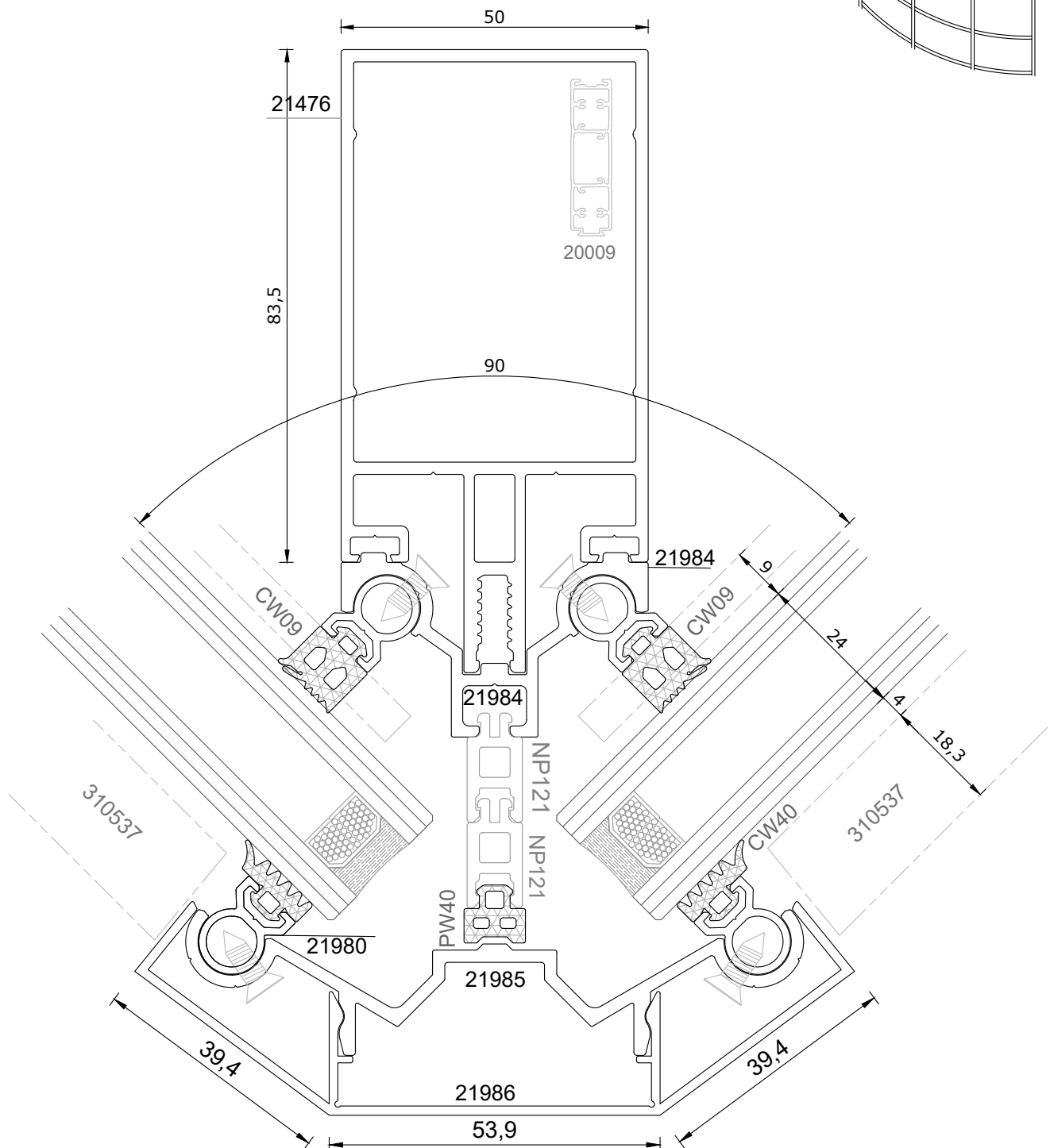
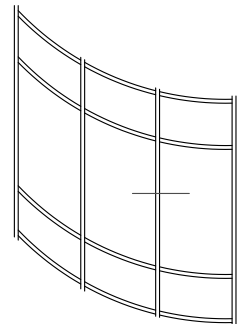
CW50
FACE CAP

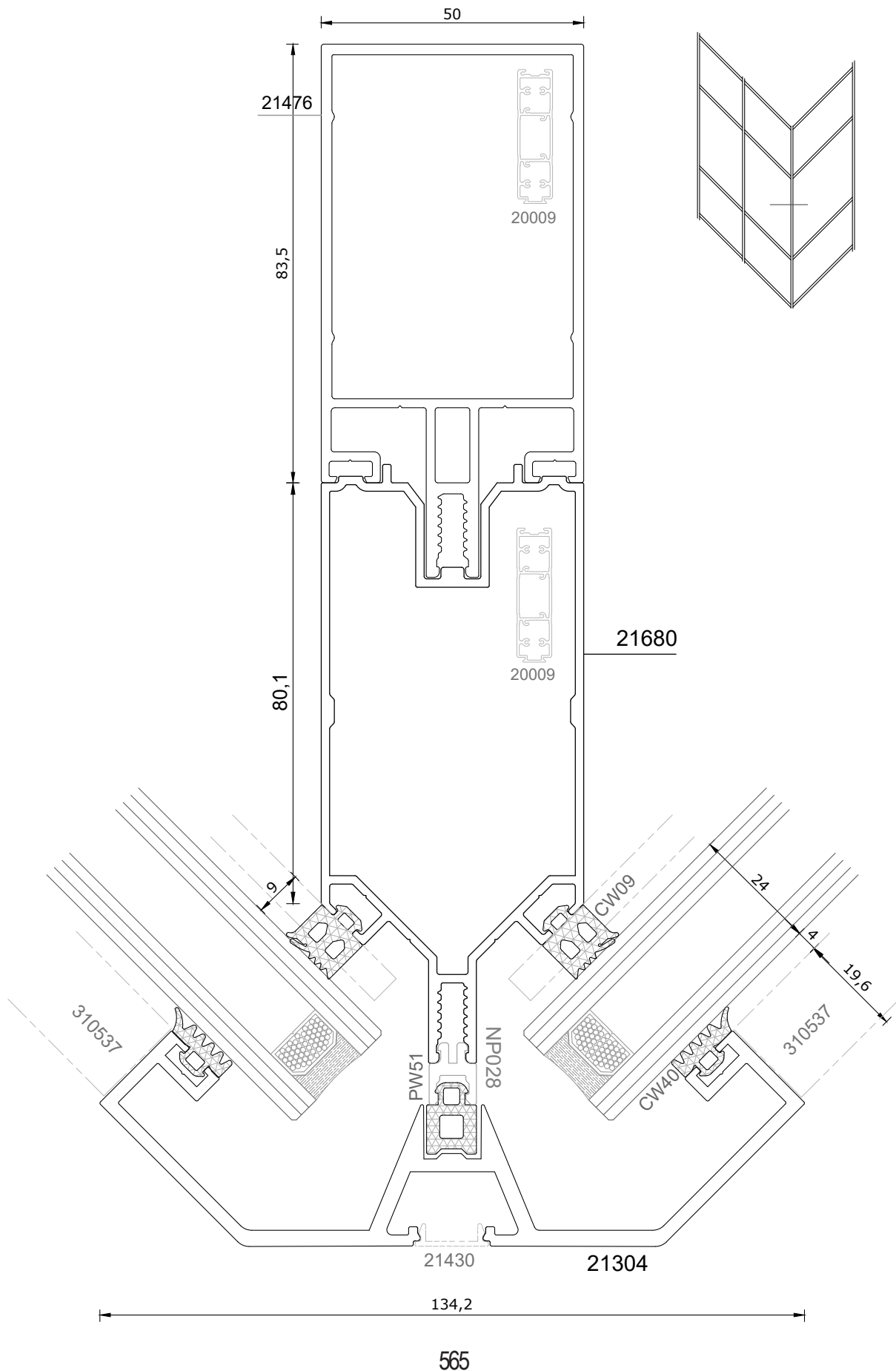
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

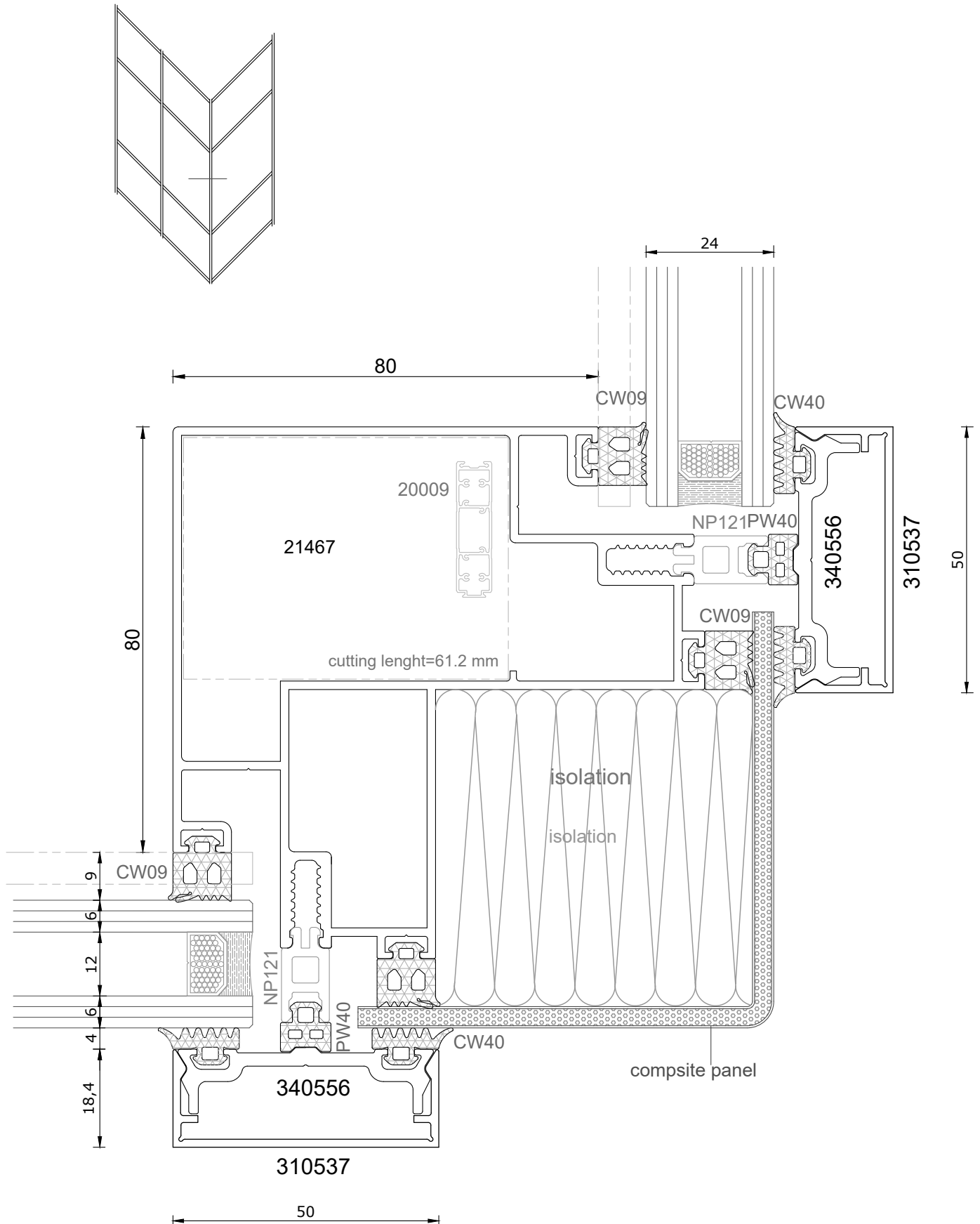
CW50
FACE CAP

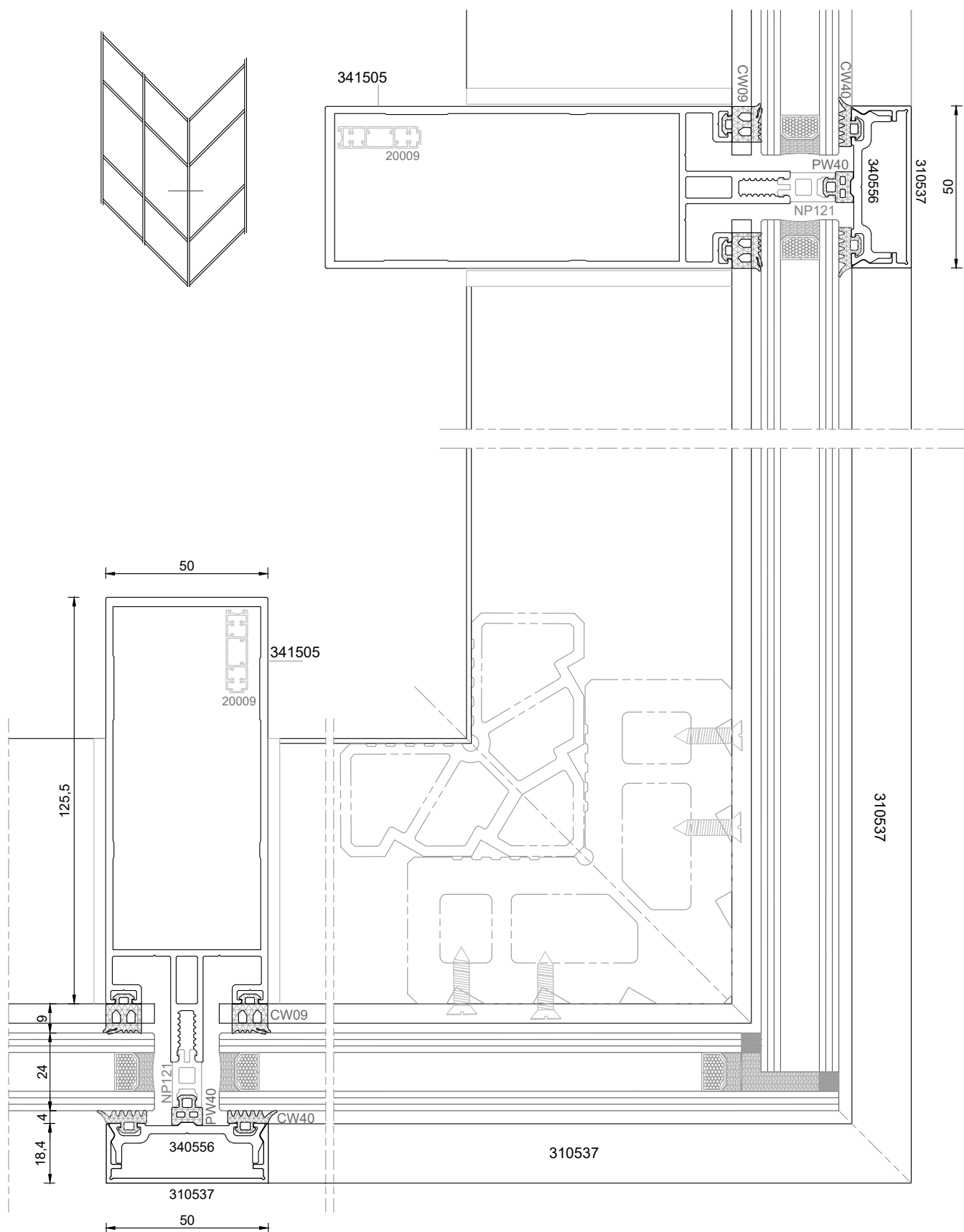
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

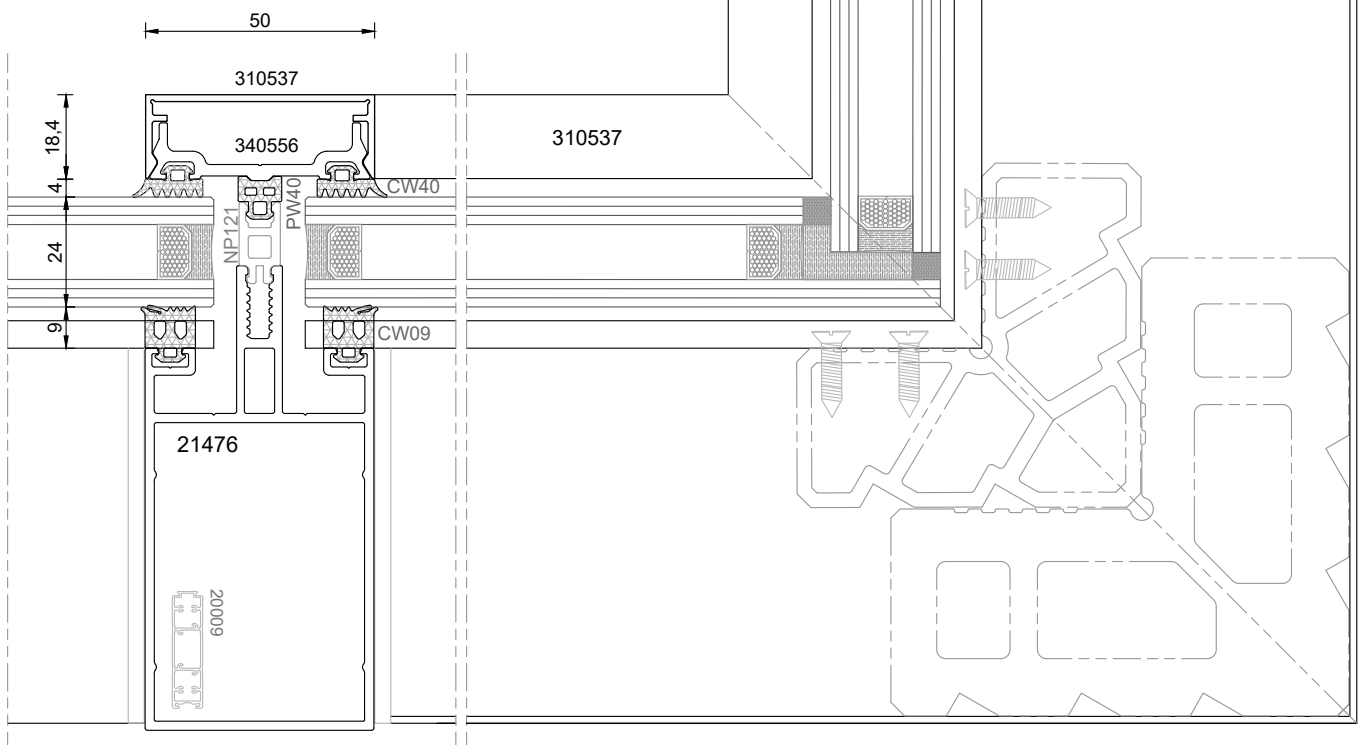
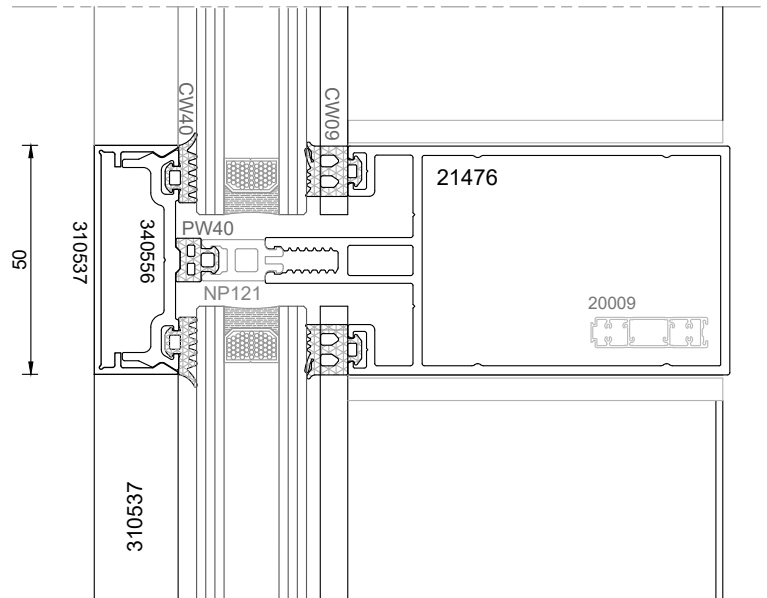
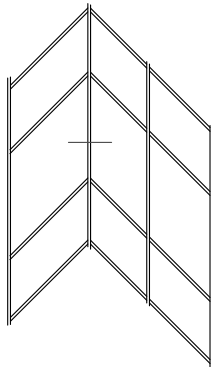
CW50
FACE CAP

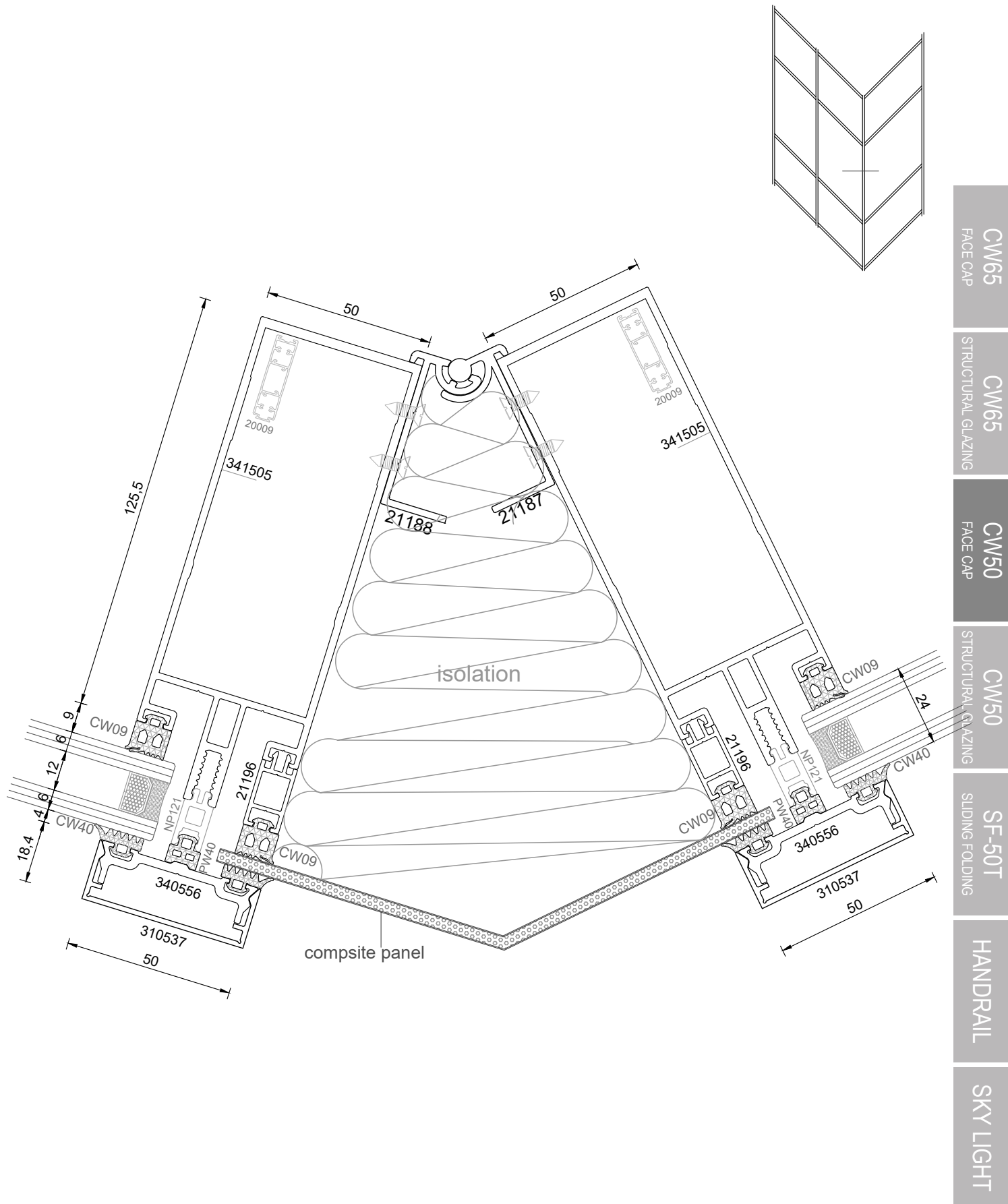
CW50
STRUCTURAL GLAZING

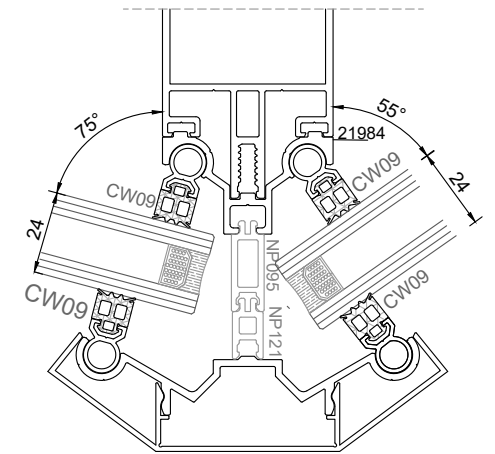
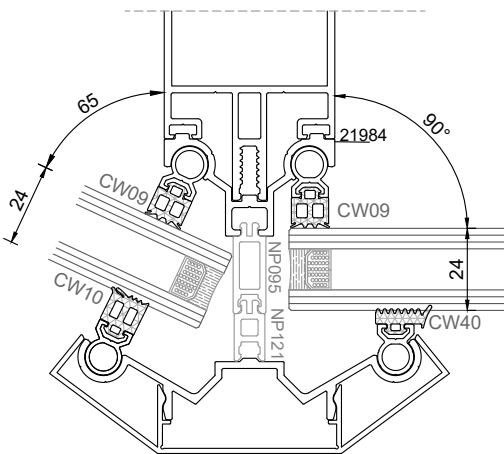
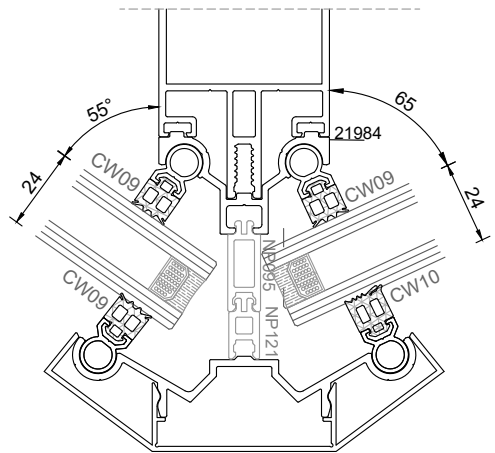
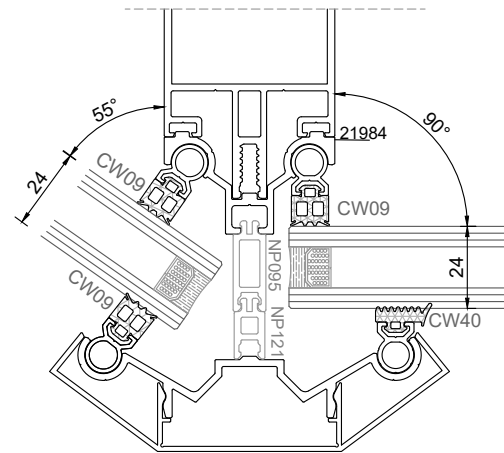
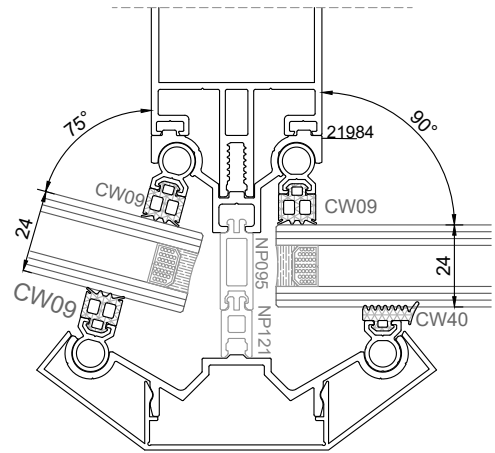
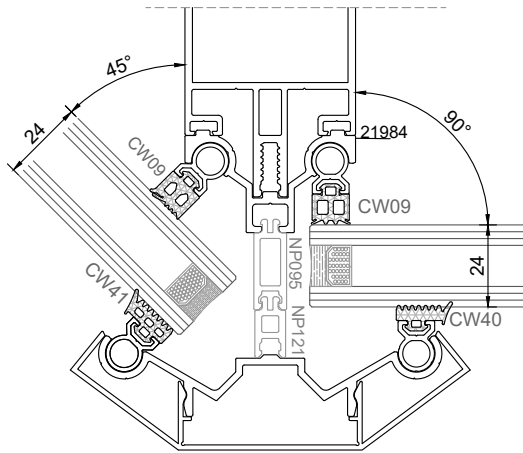
SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT







CW65
FACE CAP

CW65
STRUCTURAL GLAZING

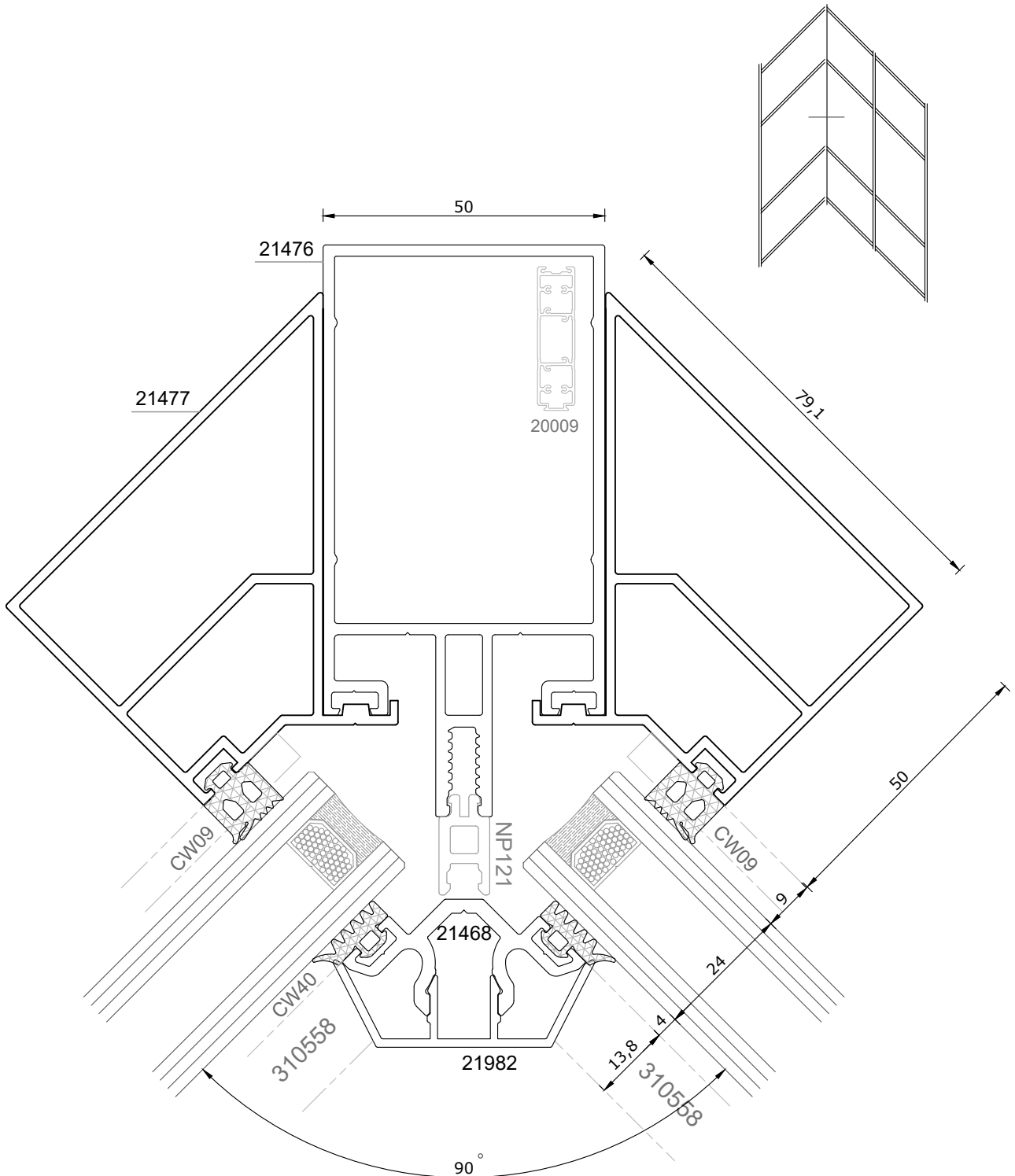
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

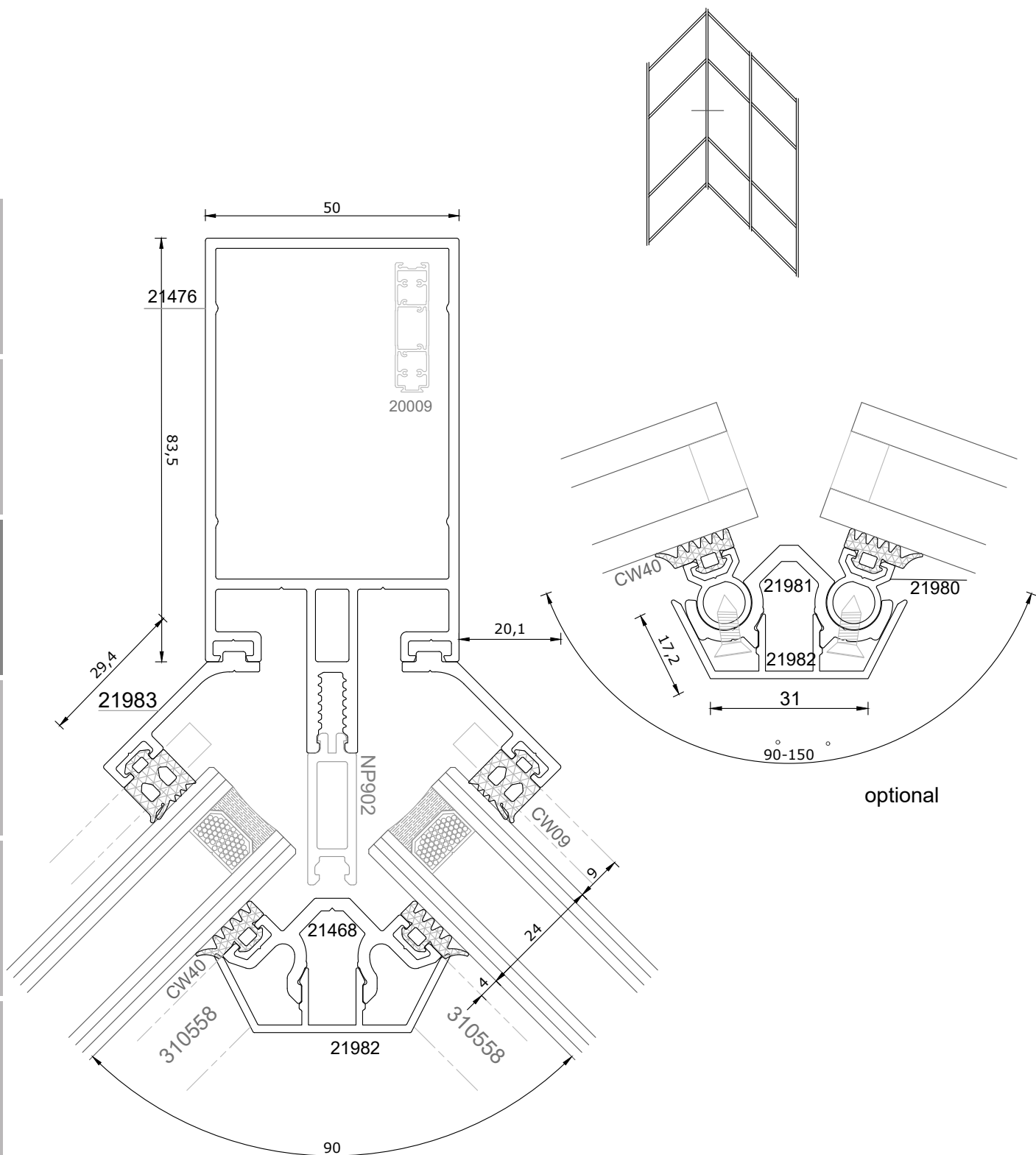
CW50
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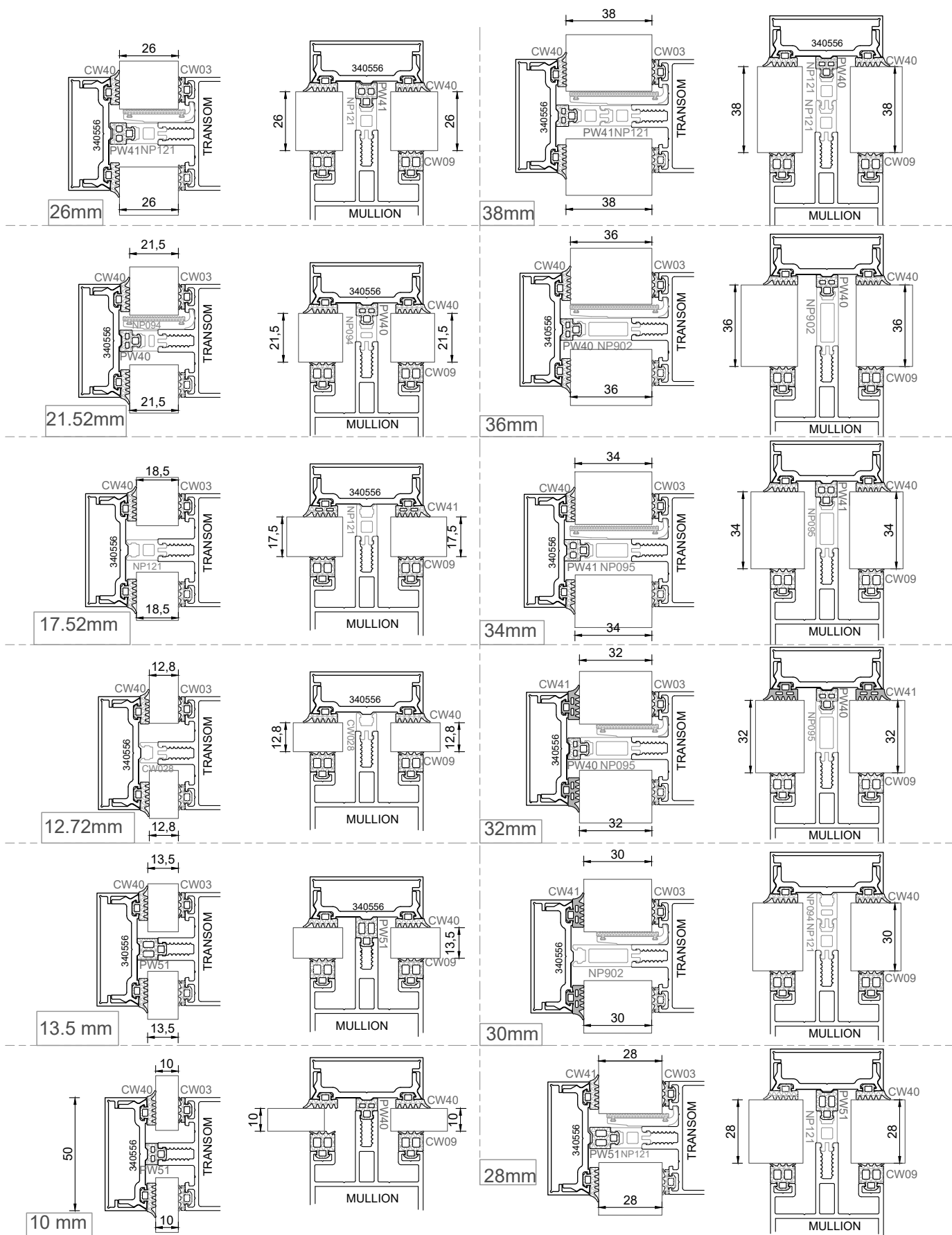
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





FACE CAP

CW65

STRUCTURAL GLAZING

CW65

FACE CAP

CW50

STRUCTURAL GLAZING

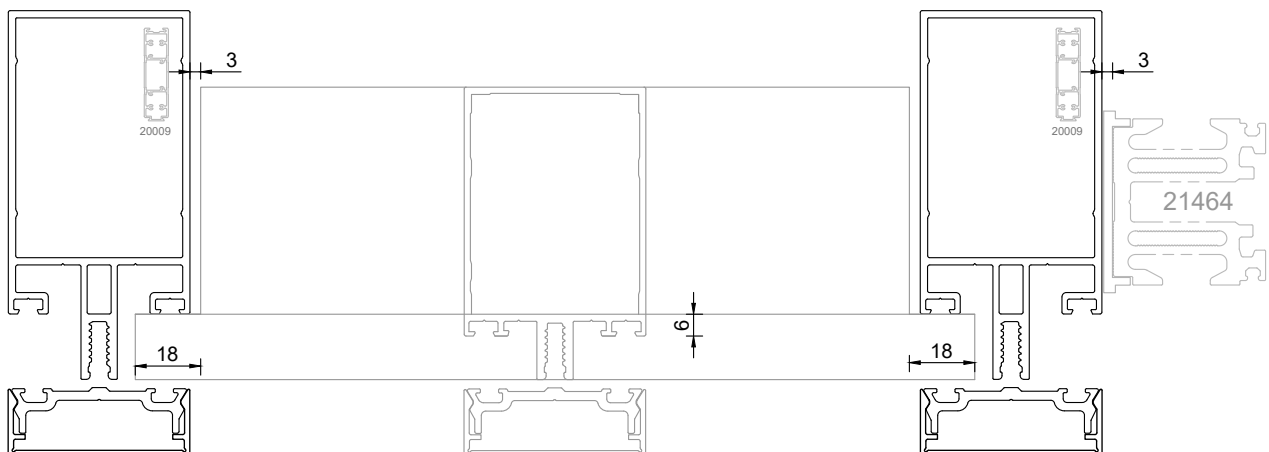
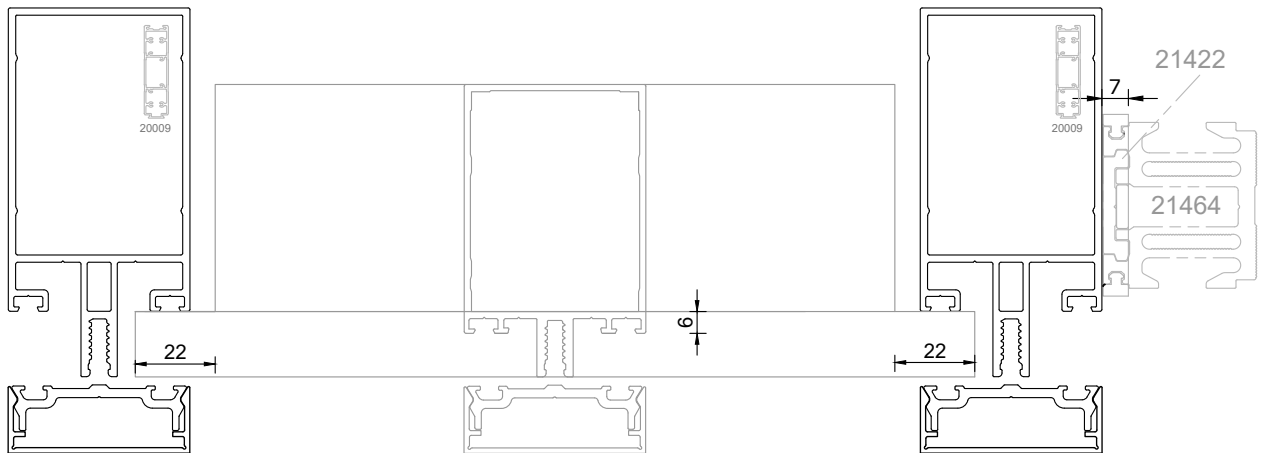
CW50

SLIDING FOLDING

SF-50T

HANDRAIL

SKY LIGHT



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

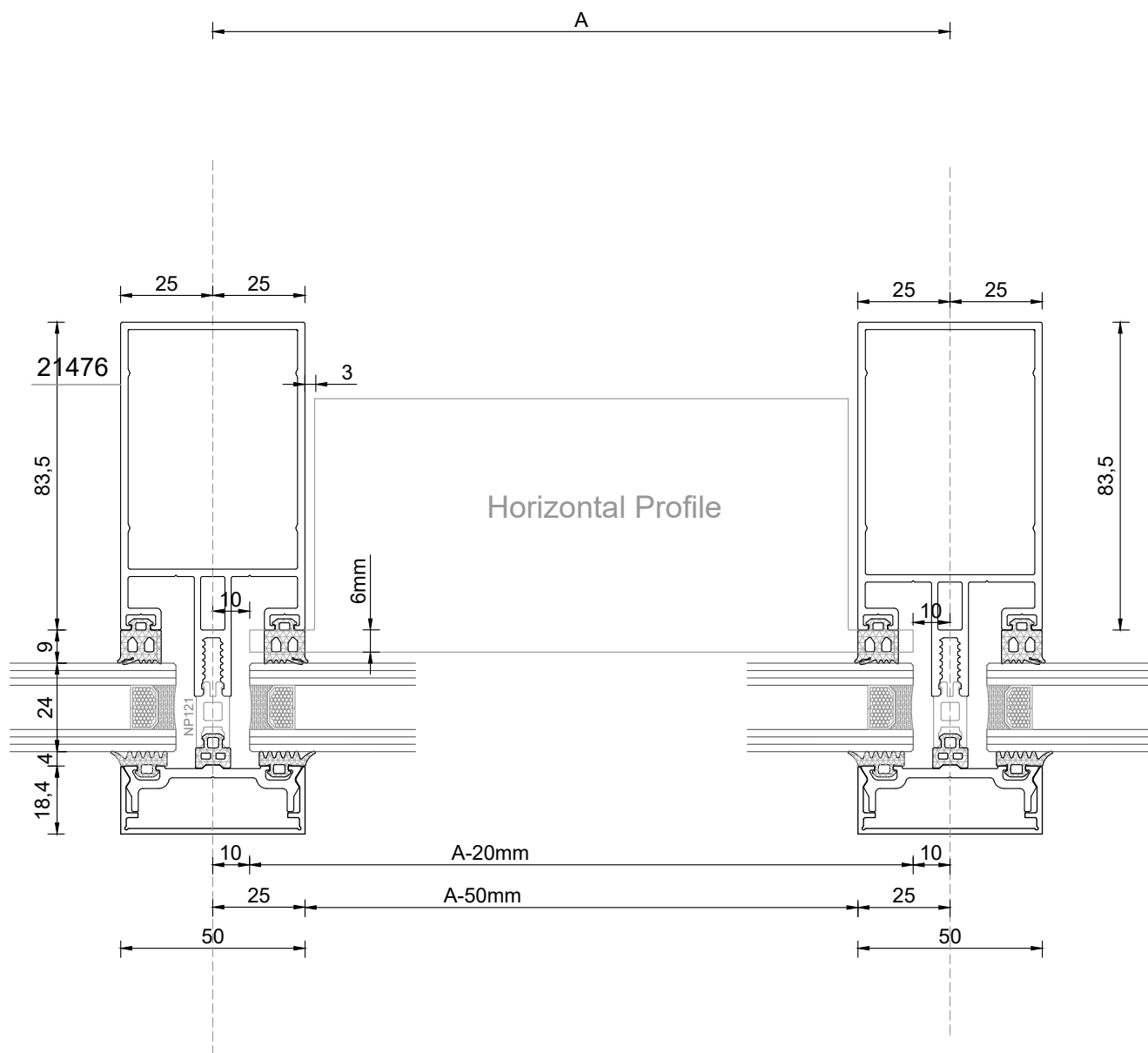
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

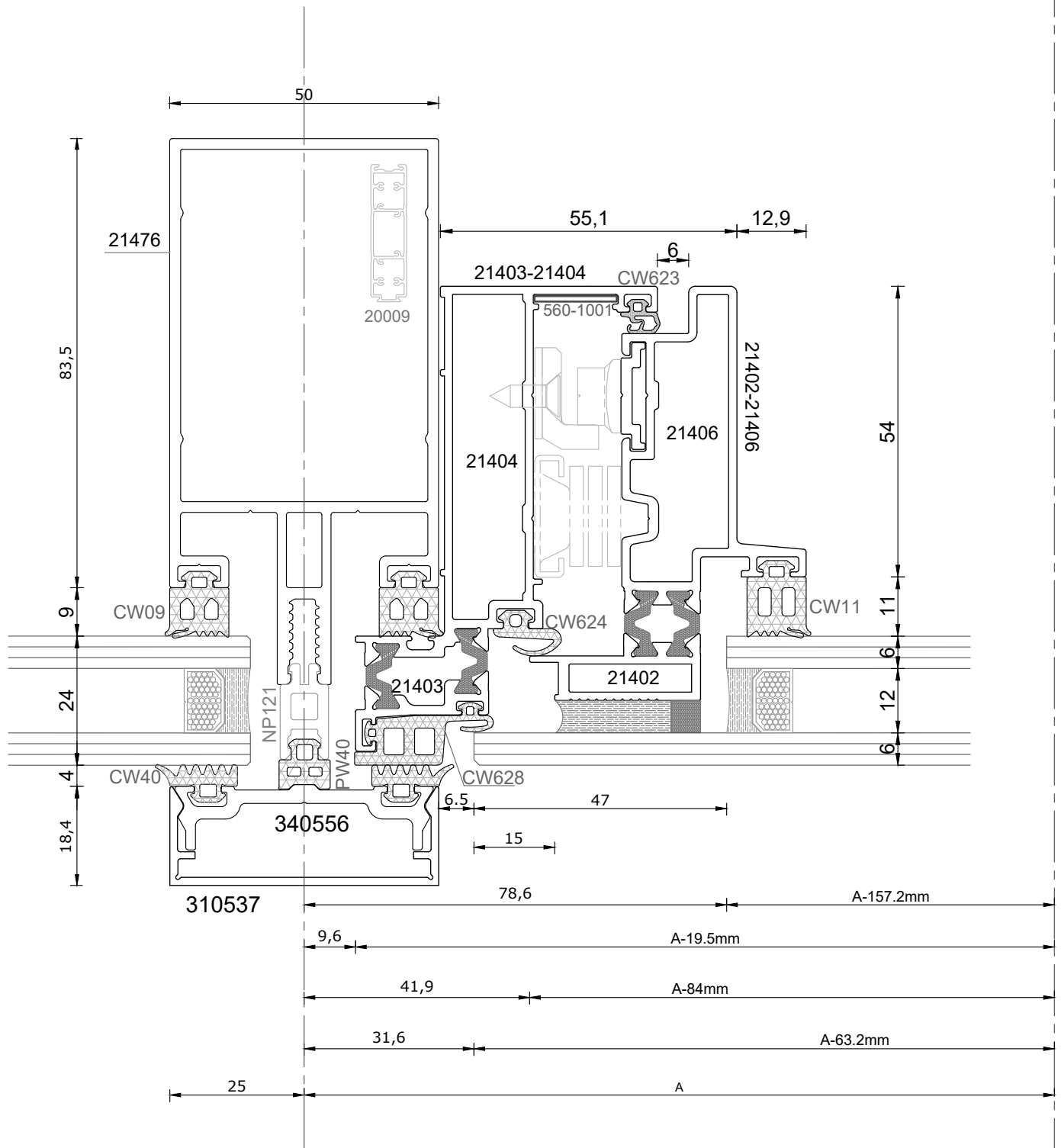
CW50
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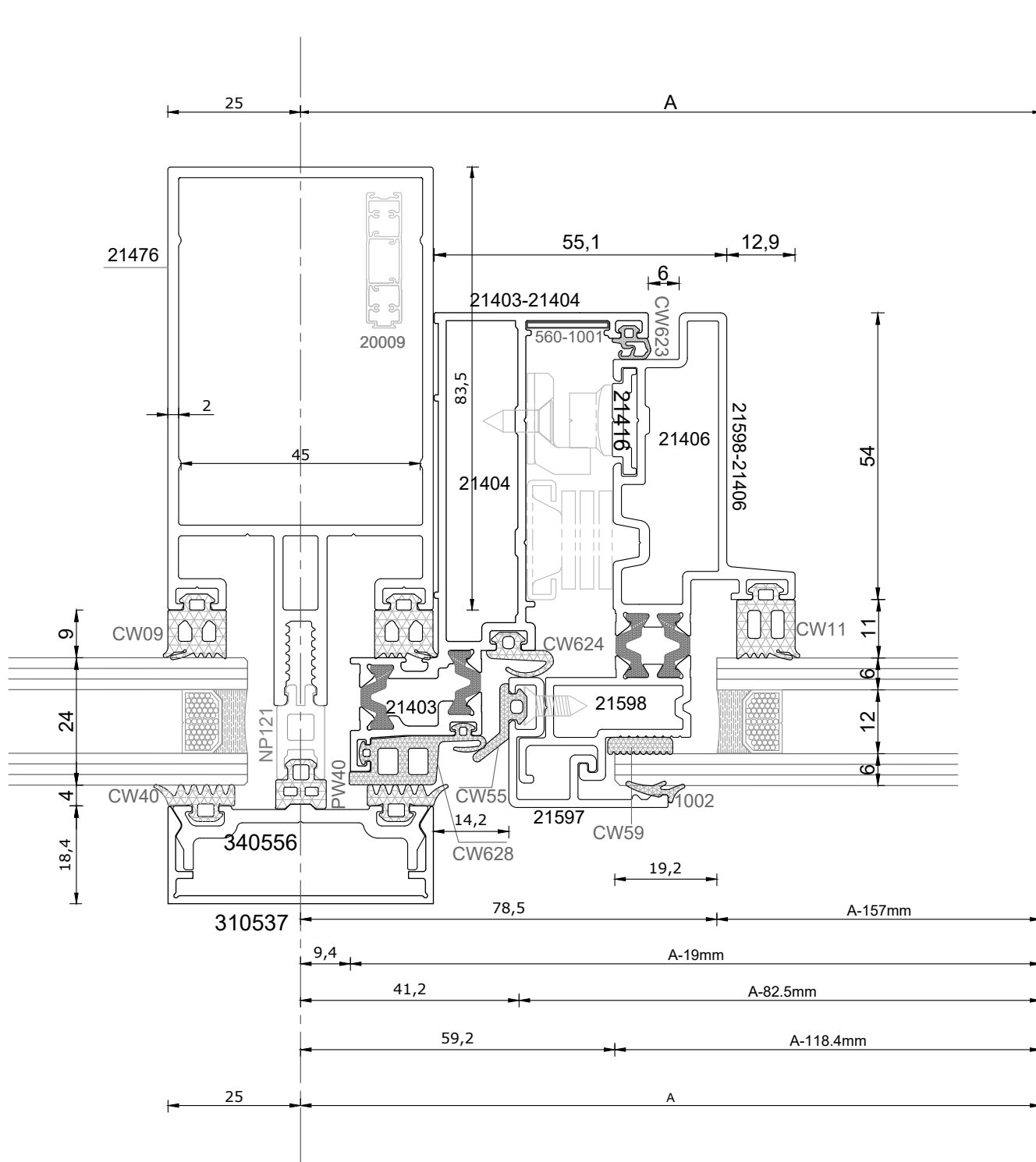
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

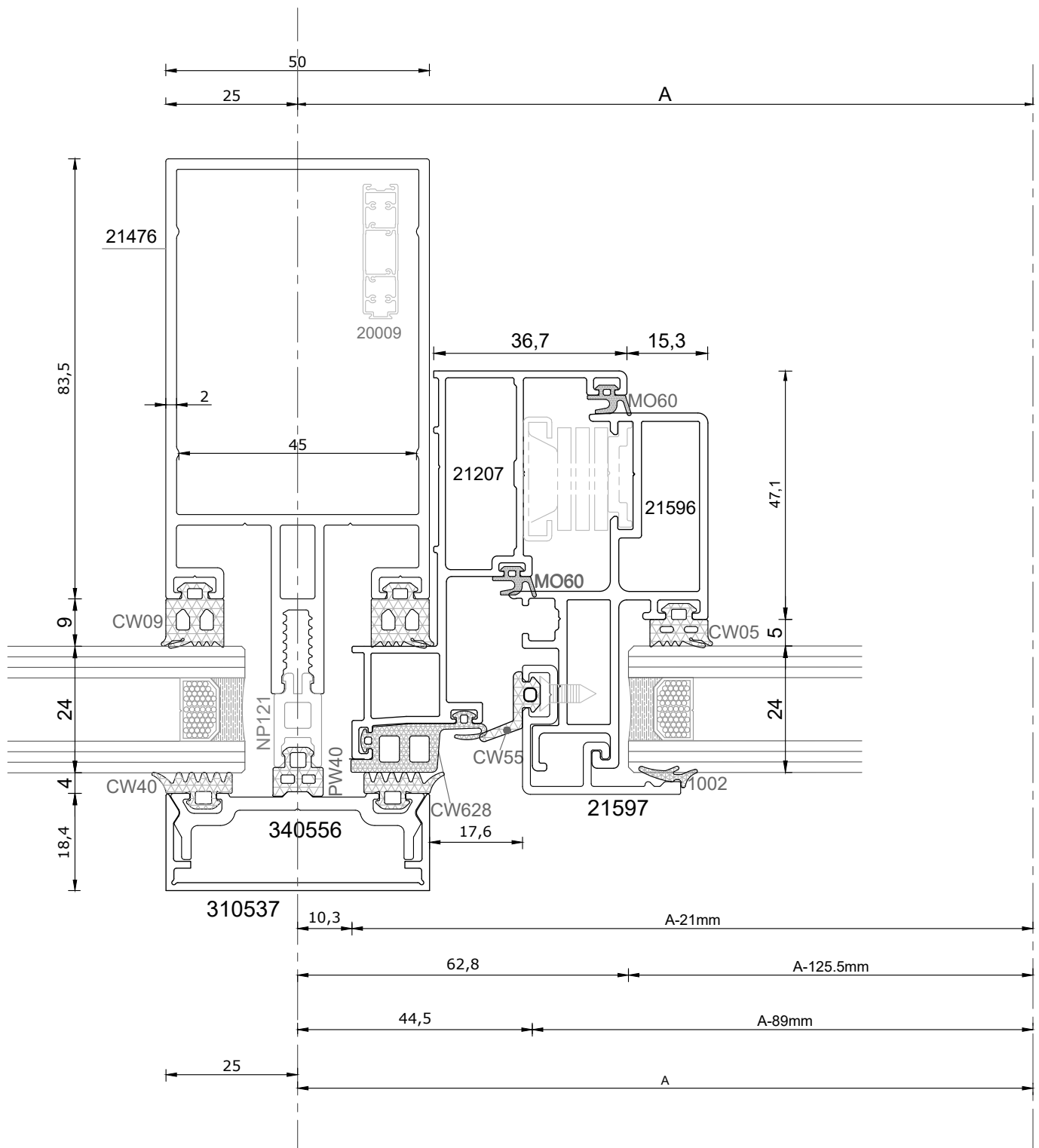
CW50
FACE CAP

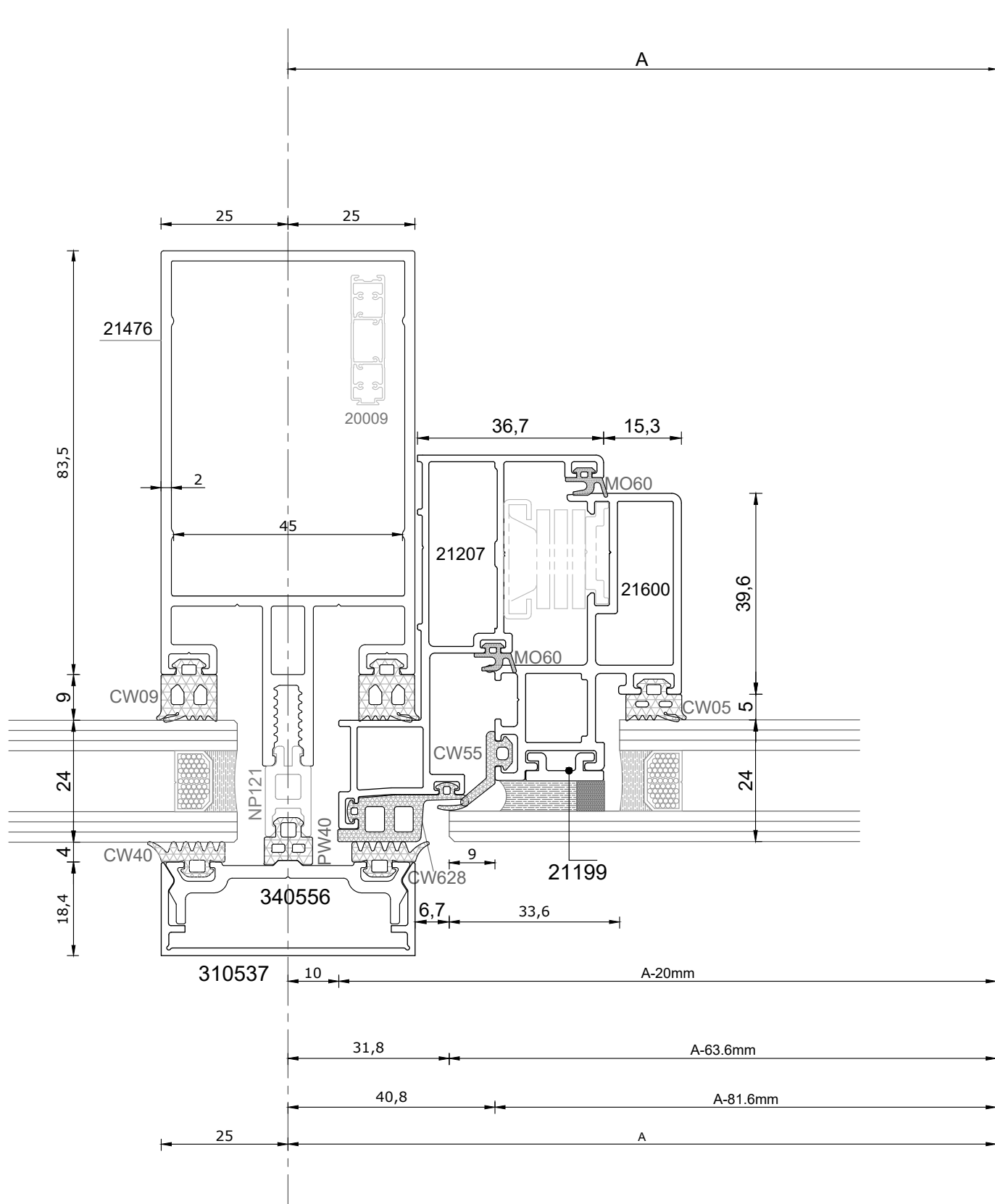
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

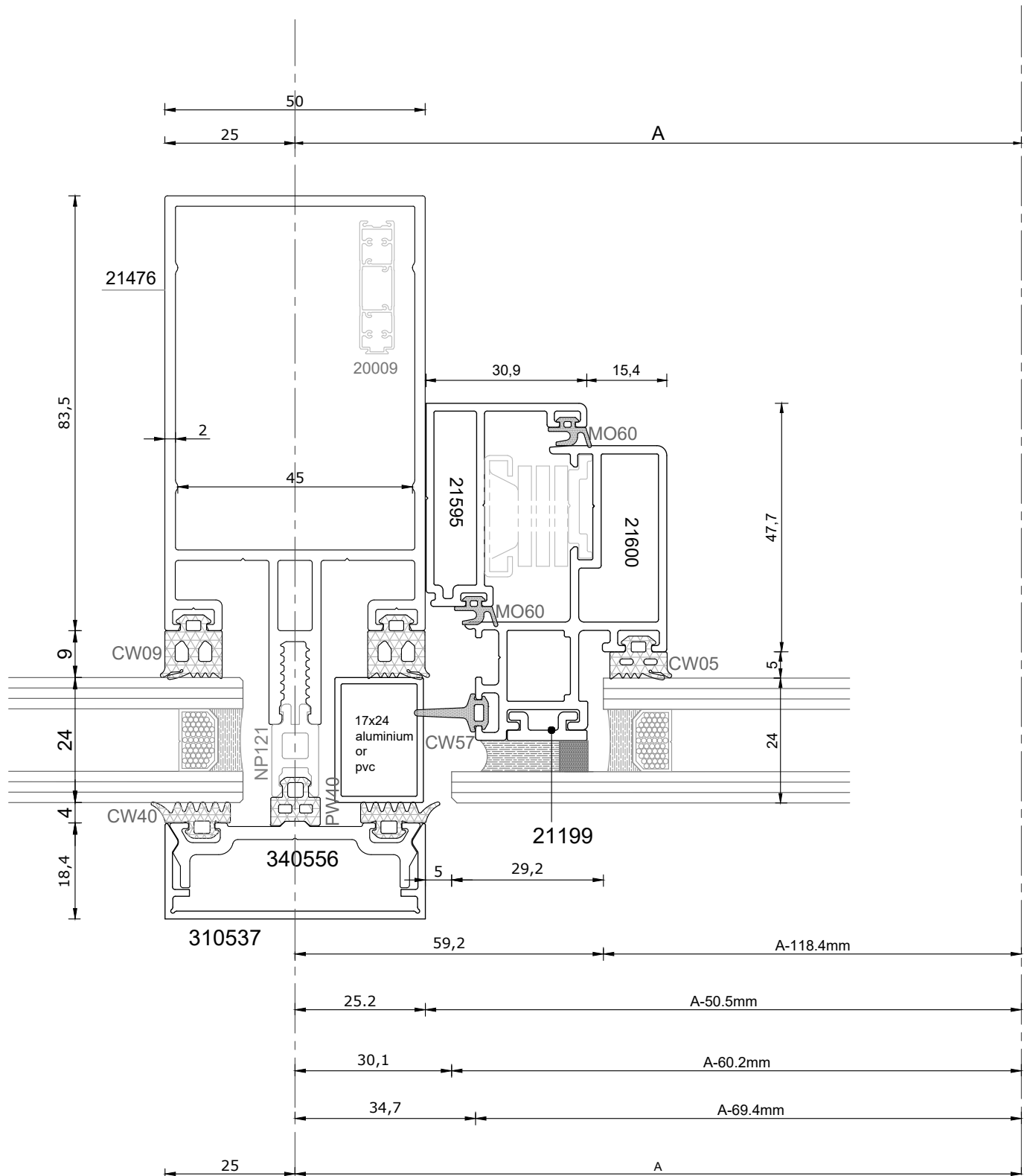
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT



TECHNICAL CATALOG

STEEL SUPPORTED FACADE SYSTEM - STRUCTURAL GLAZING



Mullion and Tranzem width size: 50 mm

The maximum height of the mullion: 240 mm

The minimum height of the mullion: 50 mm

The maximum height of the tranzem: 206 mm

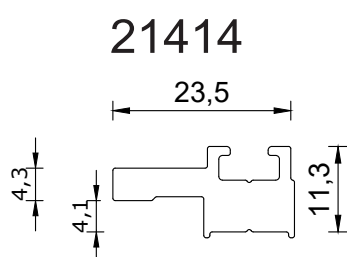
The minimum height of the tranzem: 50 mm

OGMGO

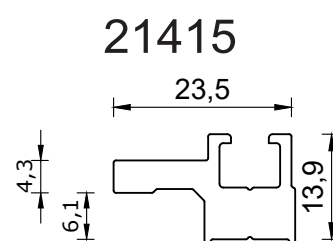


CW65 FACE CAP	CW65 STRUCTURAL GLAZING	CW50 FACE CAP	CW50 STRUCTURAL GLAZING	SF-50T SLIDING FOLDING	HANDRAIL	SKY LIGHT
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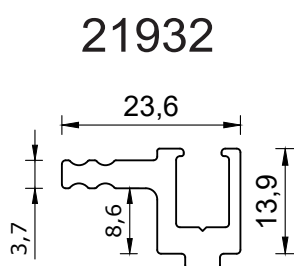
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21414	0.450	-	-
21415	0.470	-	-
21932	0.400	-	-
21480	0.310	-	-
21509	0.238	-	-
21425	0.268	-	-



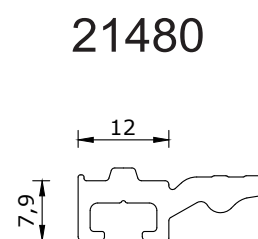
clamping profile



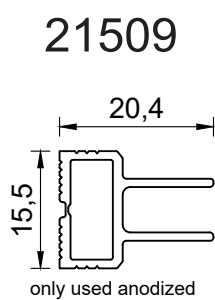
clamping profile



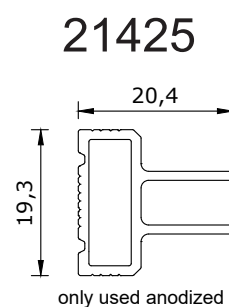
clamping profile



clamping profile



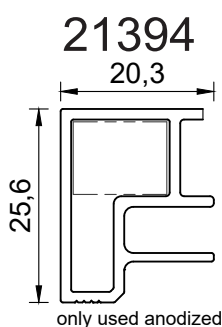
double glass bonding pr



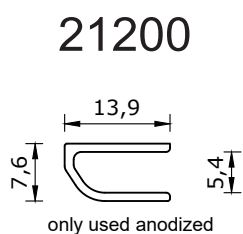
double glass bonding pr

scale 1:1

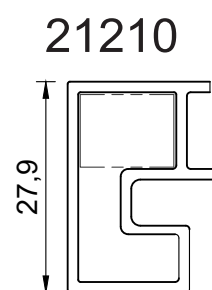
CODE	WEIGHT(kg/m)	Ix cm ⁴	Iy cm ⁴
21394	0.375	-	-
21210	0.425	-	-
21200	0.120	-	-
21424	0.635	-	-



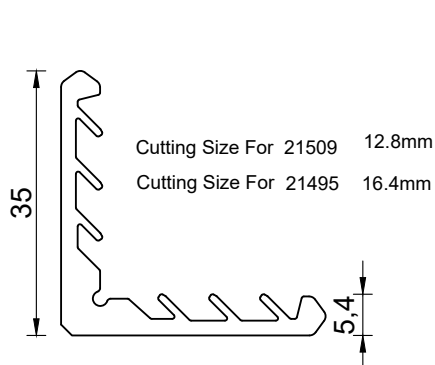
single glass bonding pr



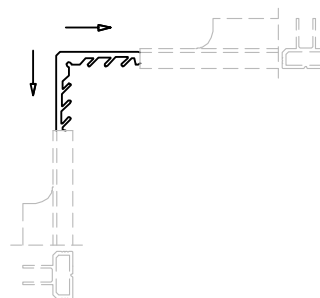
double glass bonding pr



composite panel adapter



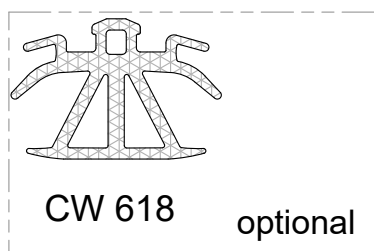
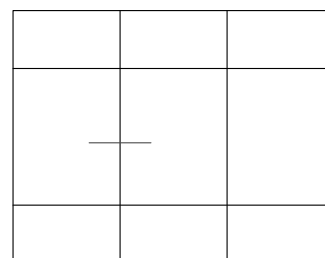
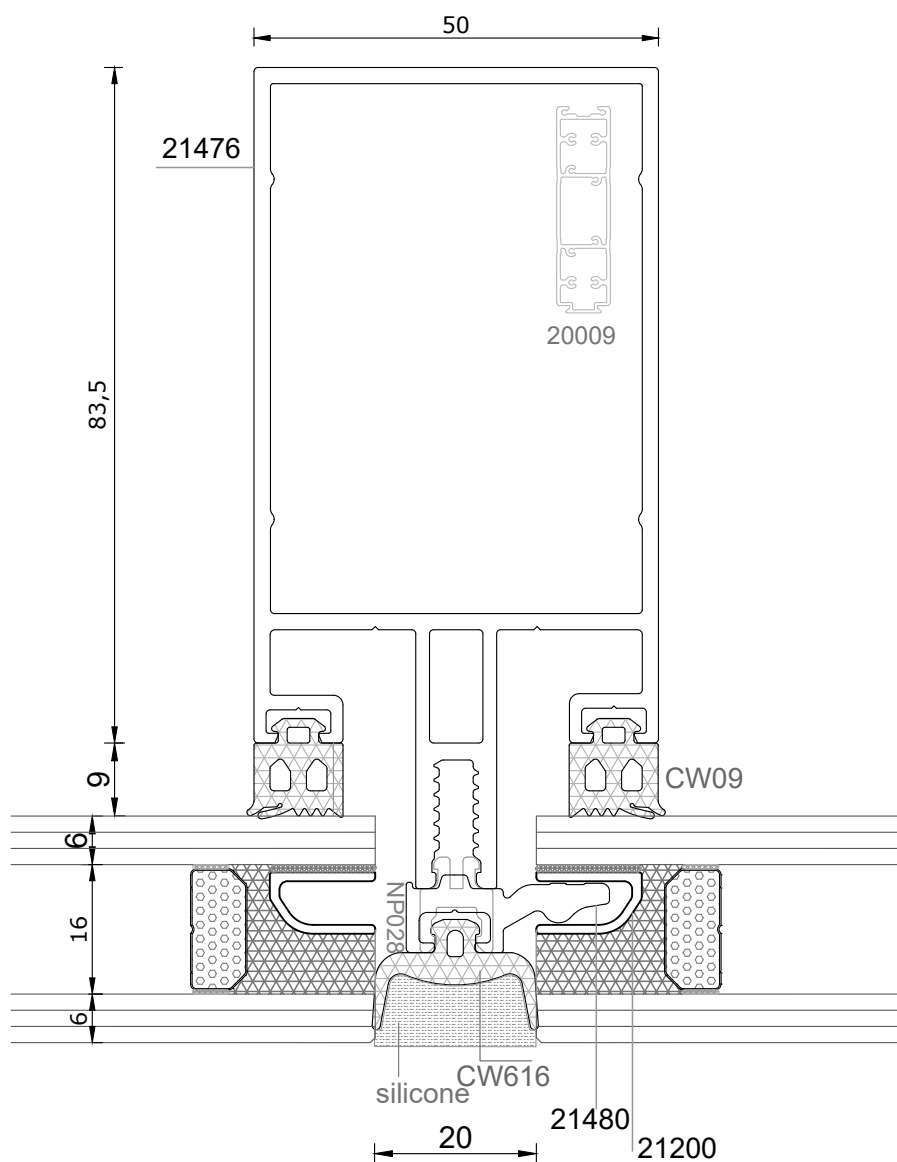
21424

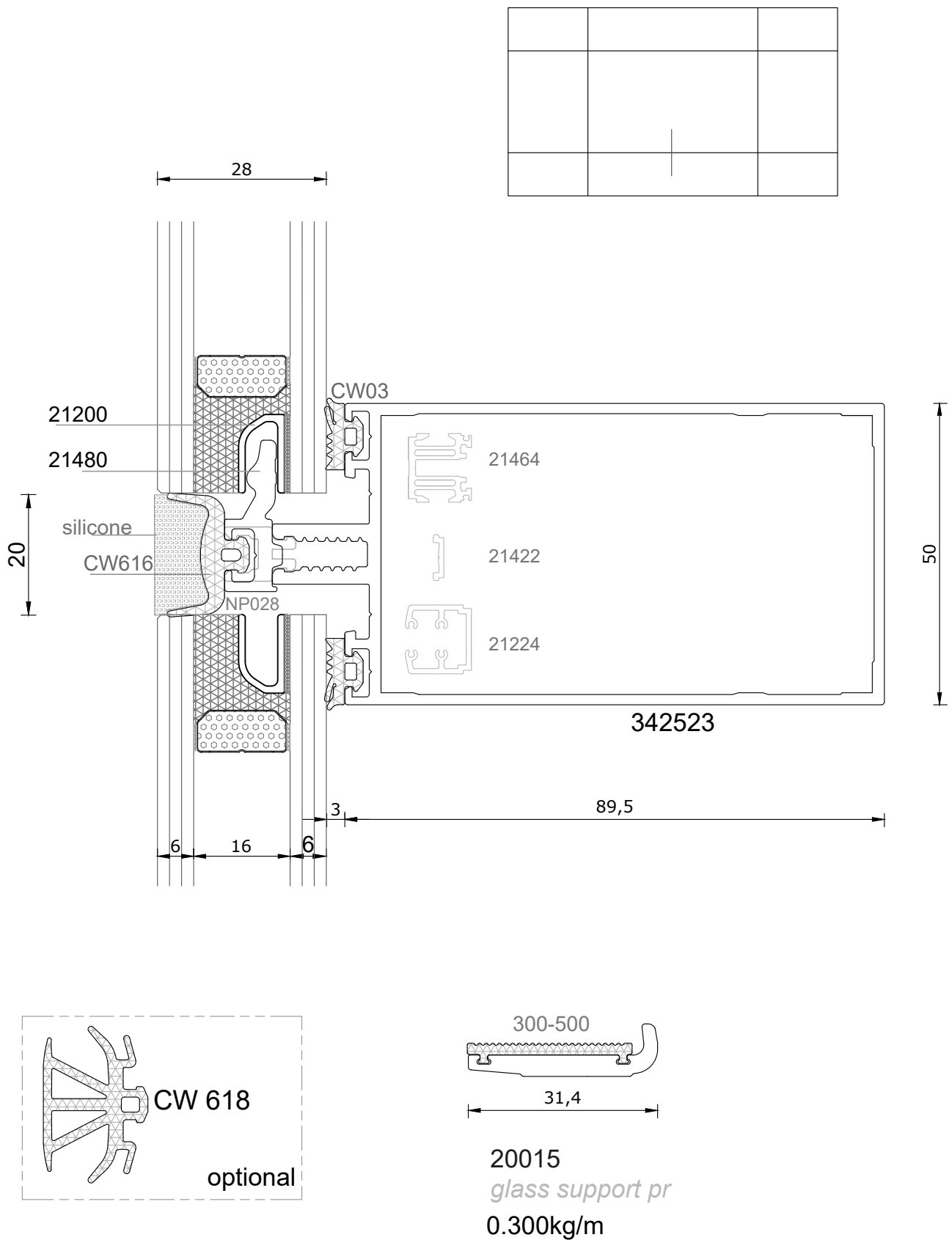


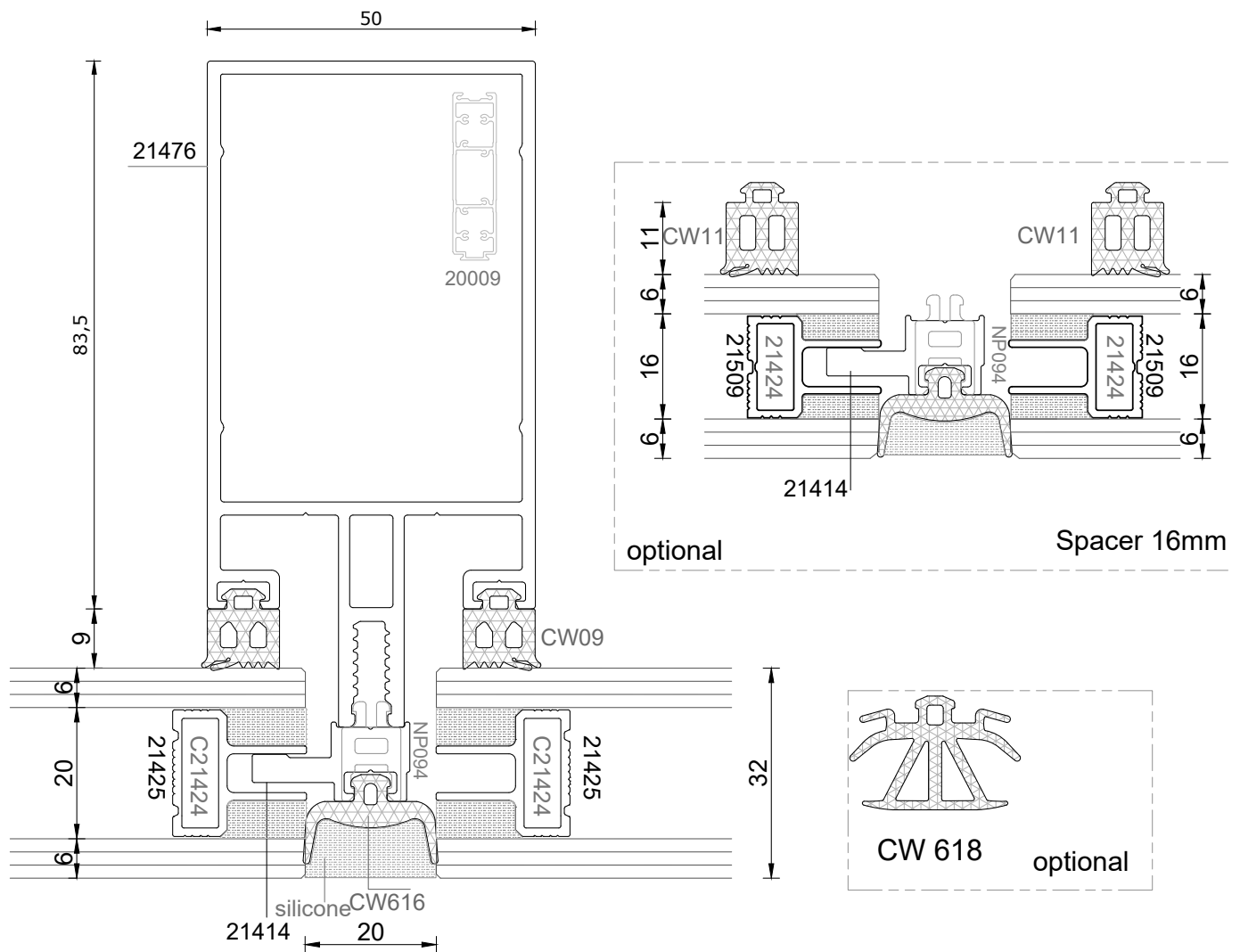
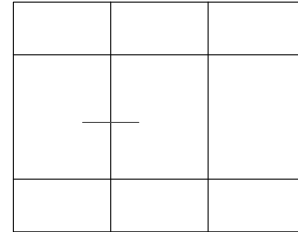
fixed frame assembling plug

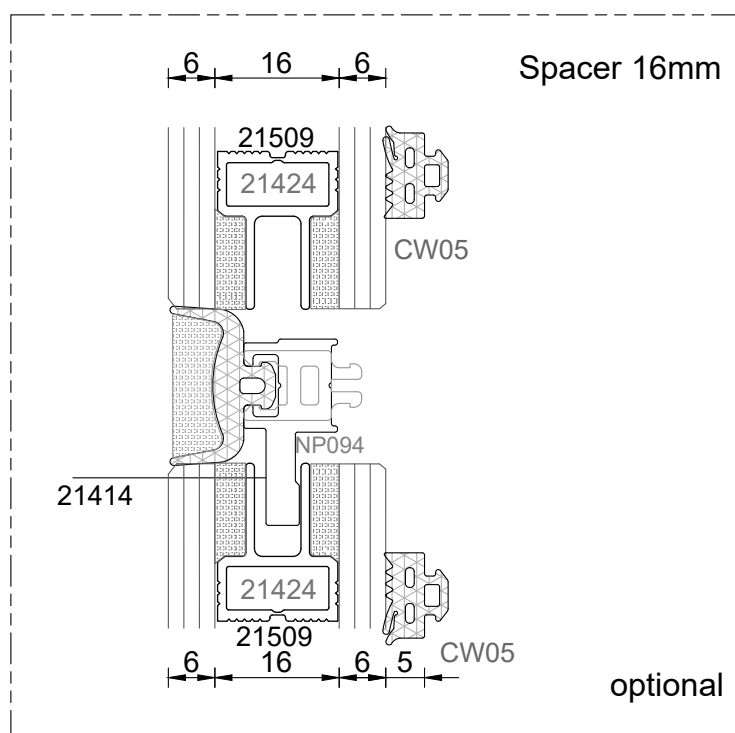
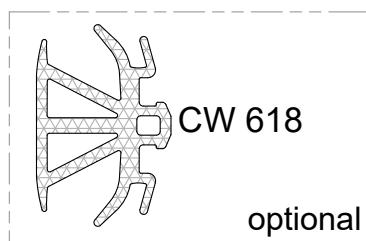
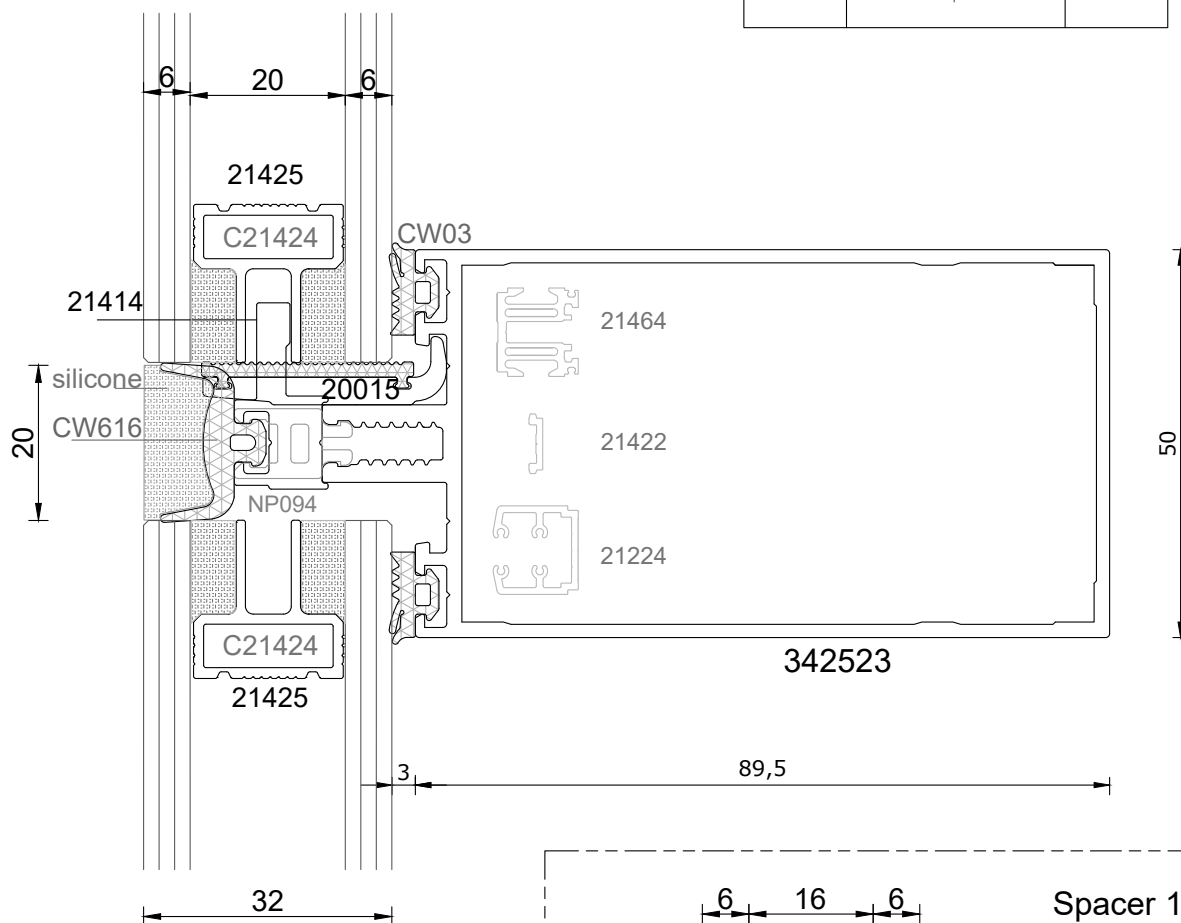
scale 1:1

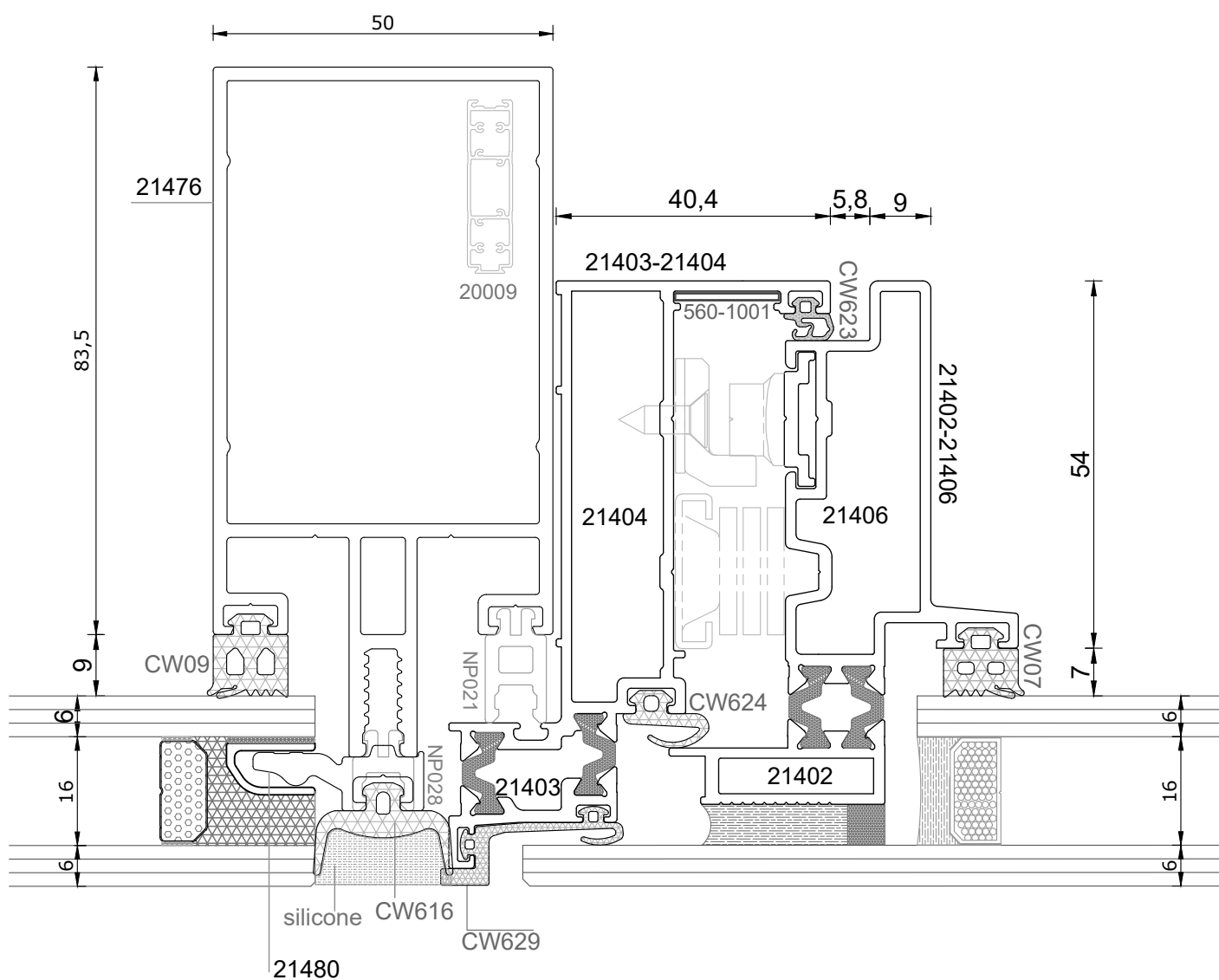
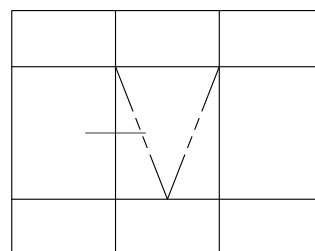
profile	corner cleat	shape	cutting size
21394	C12.6		9.7 mm 
21210	C12.6		9.7 mm 

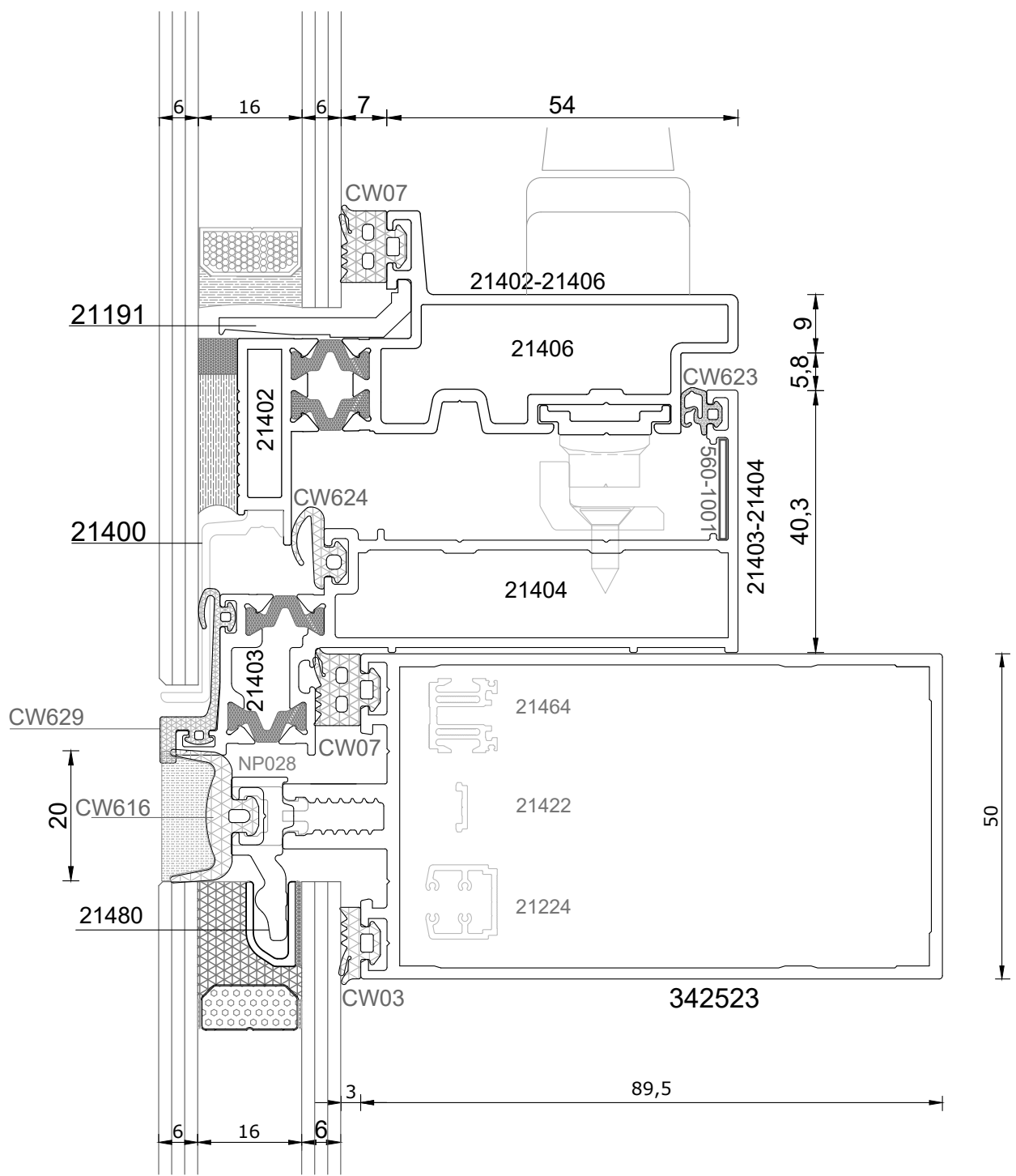
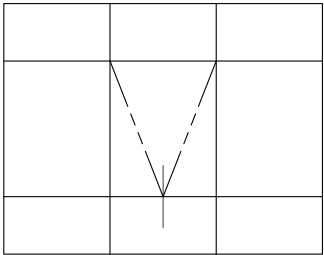


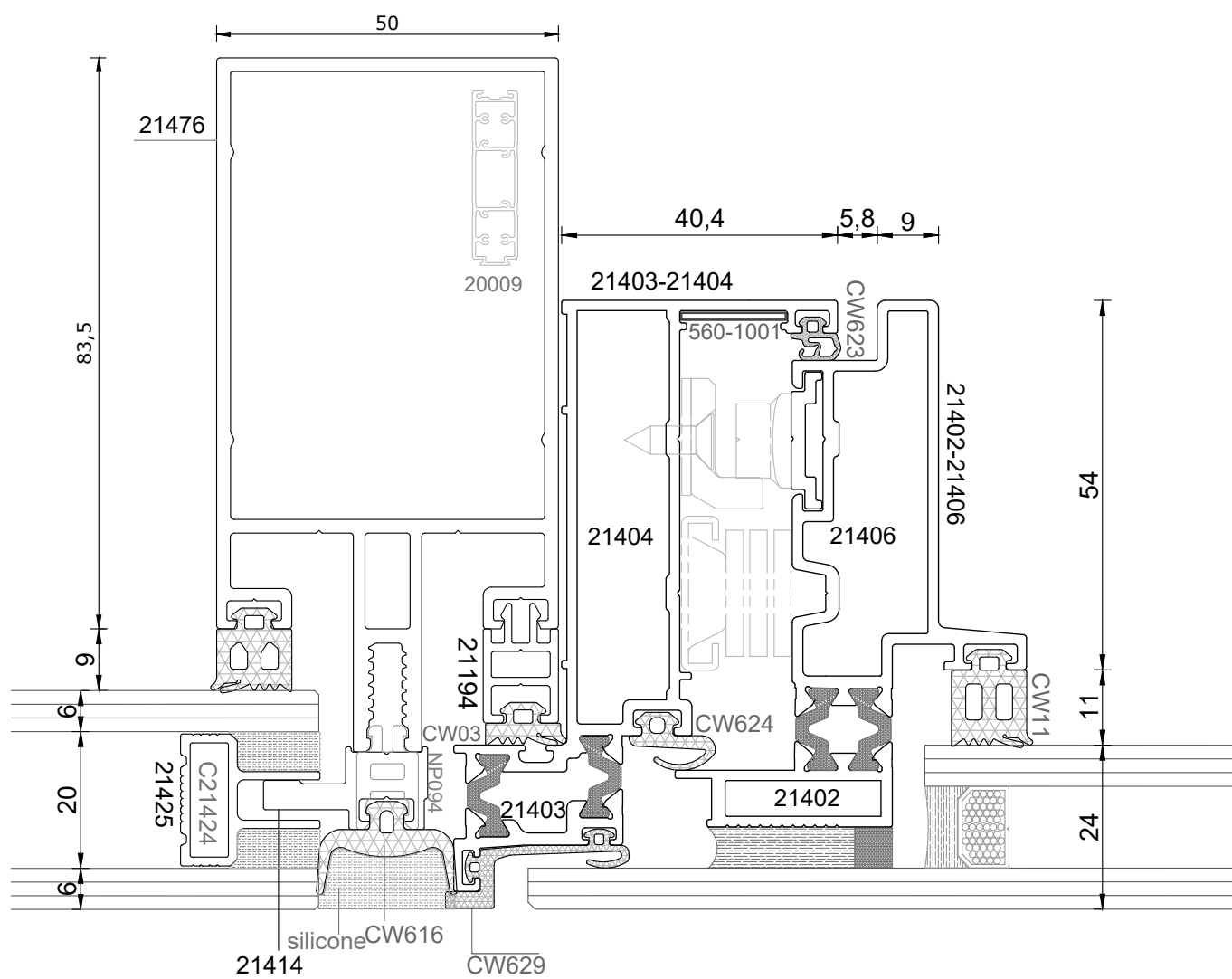
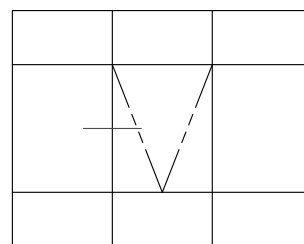


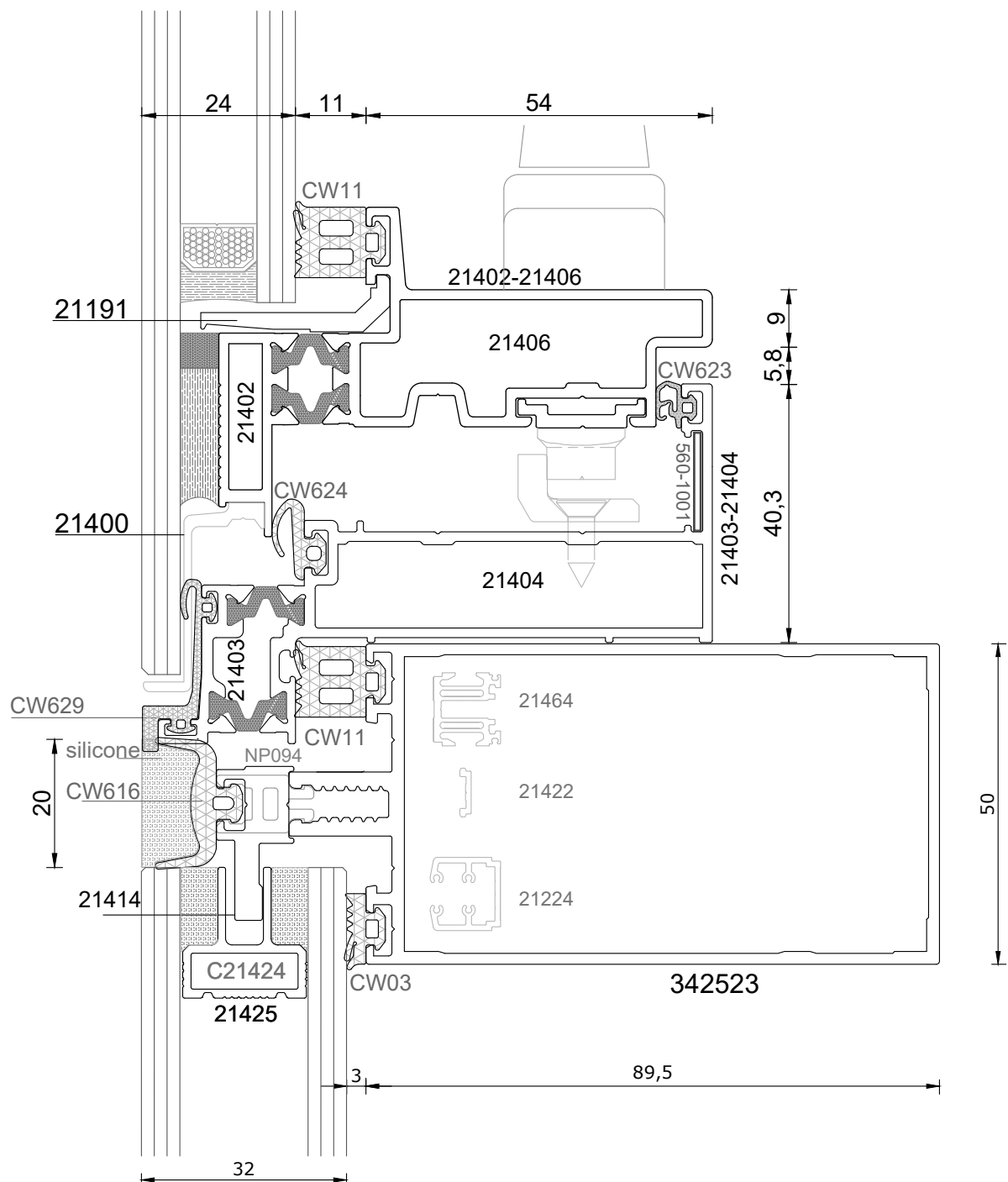
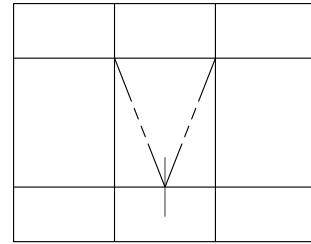


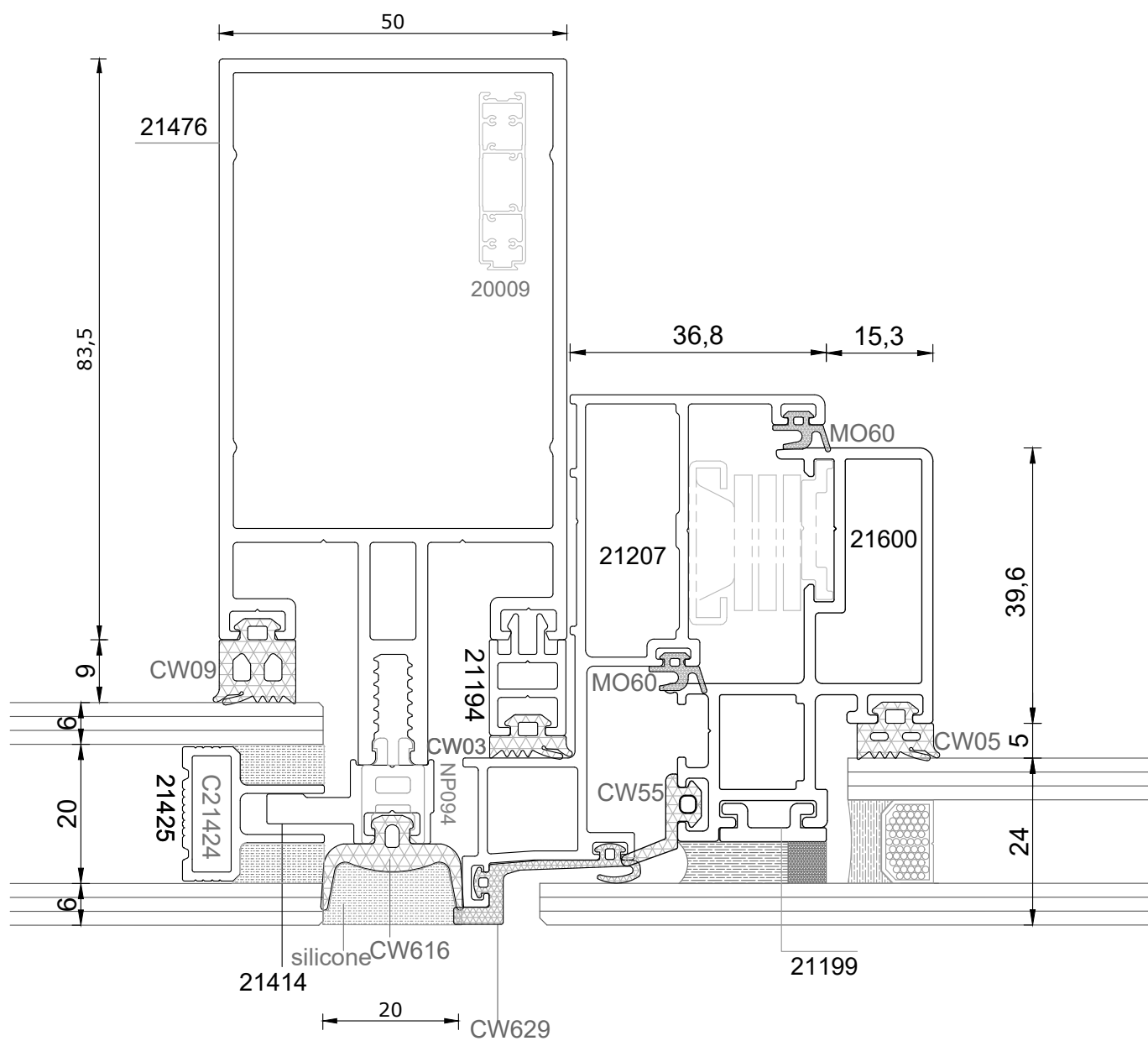
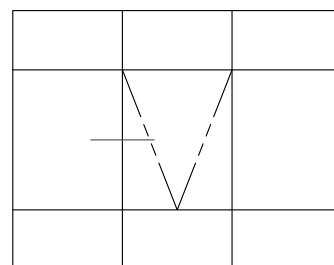


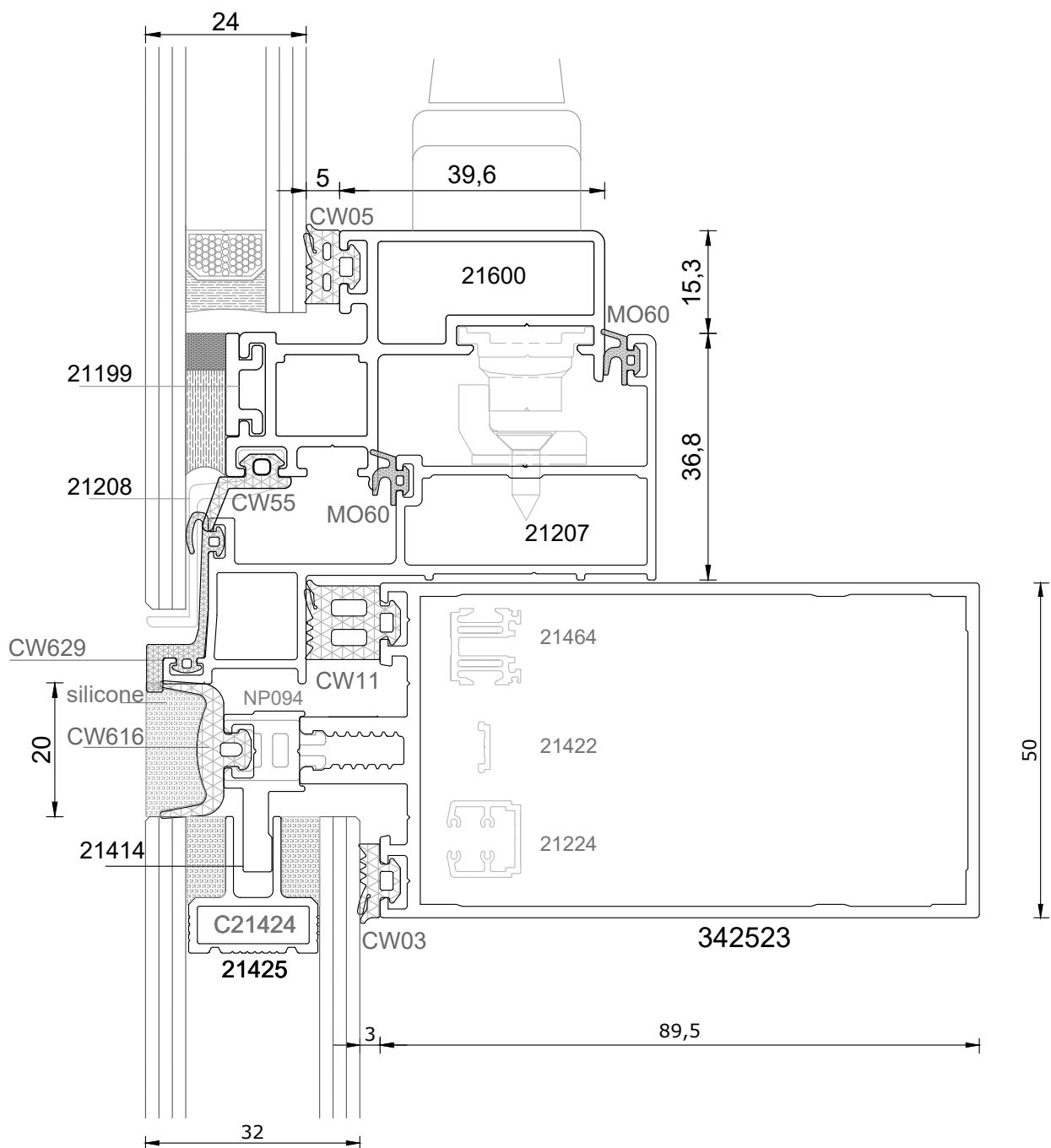
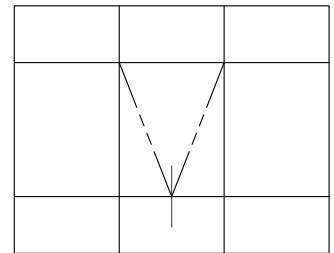


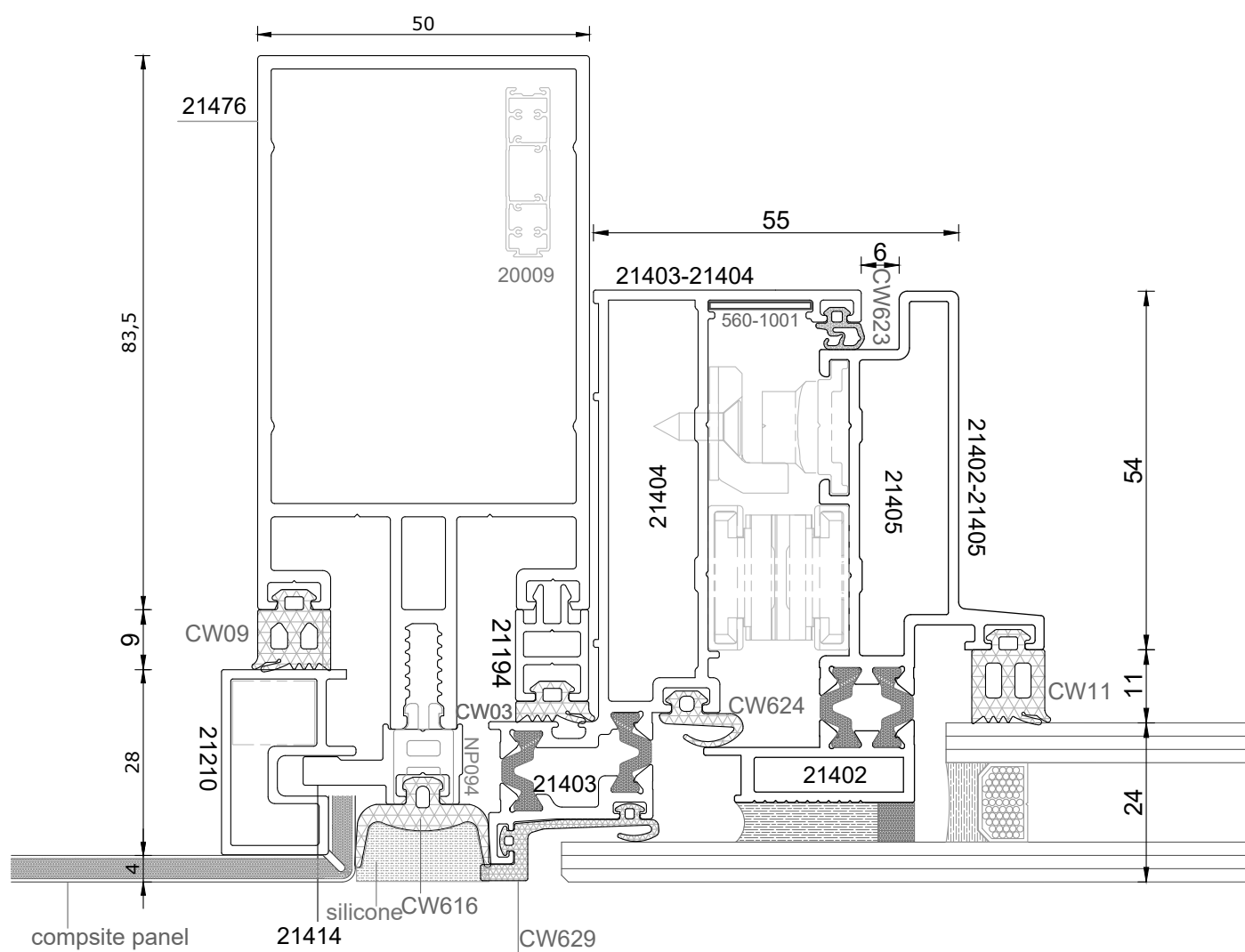
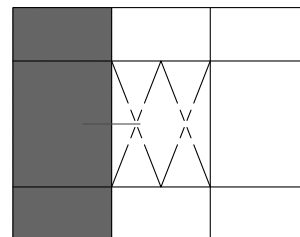











CW65
FACE CAP

CW65
STRUCTURAL GLAZING

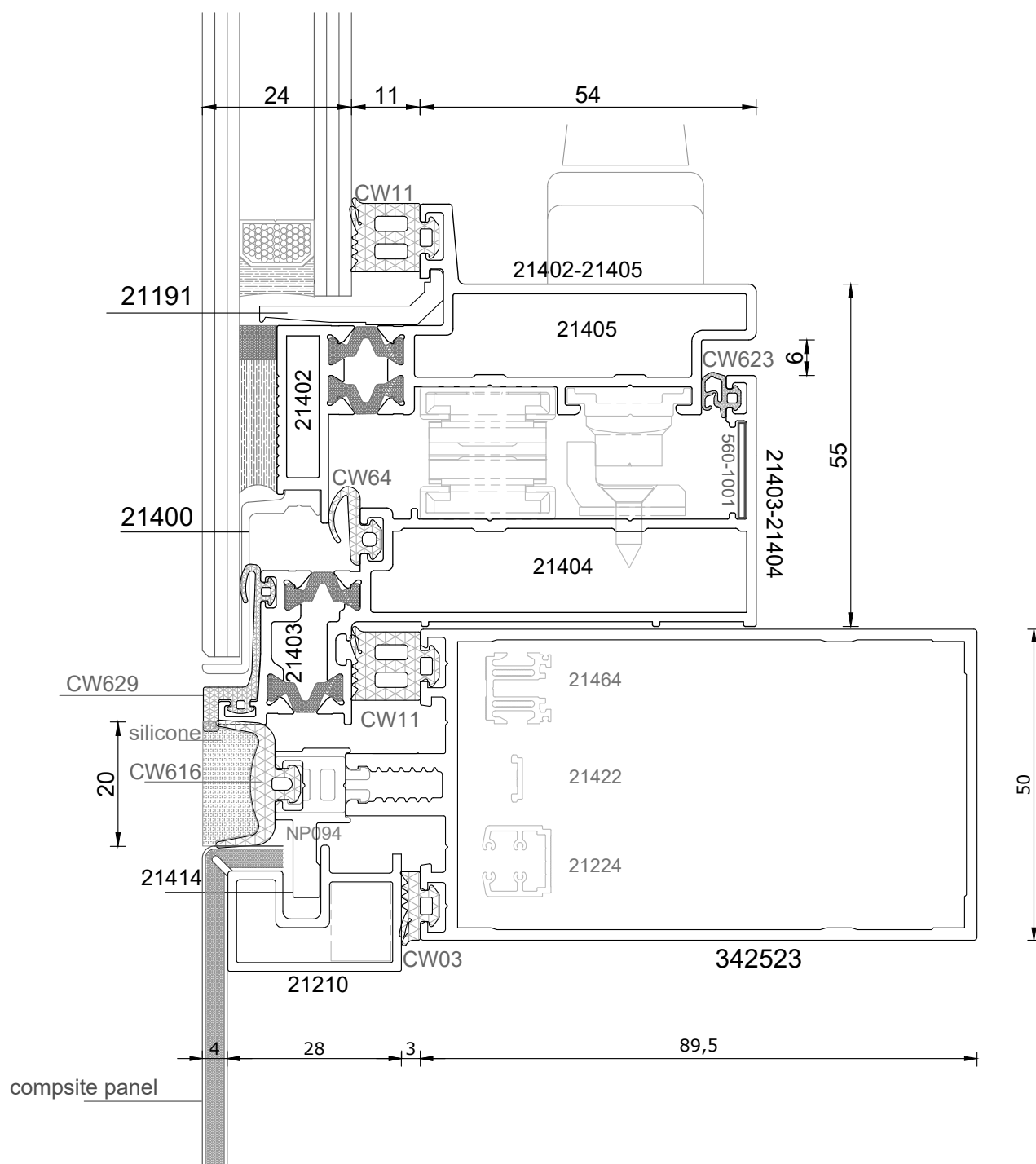
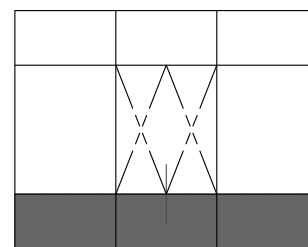
CW50
FACE CAP

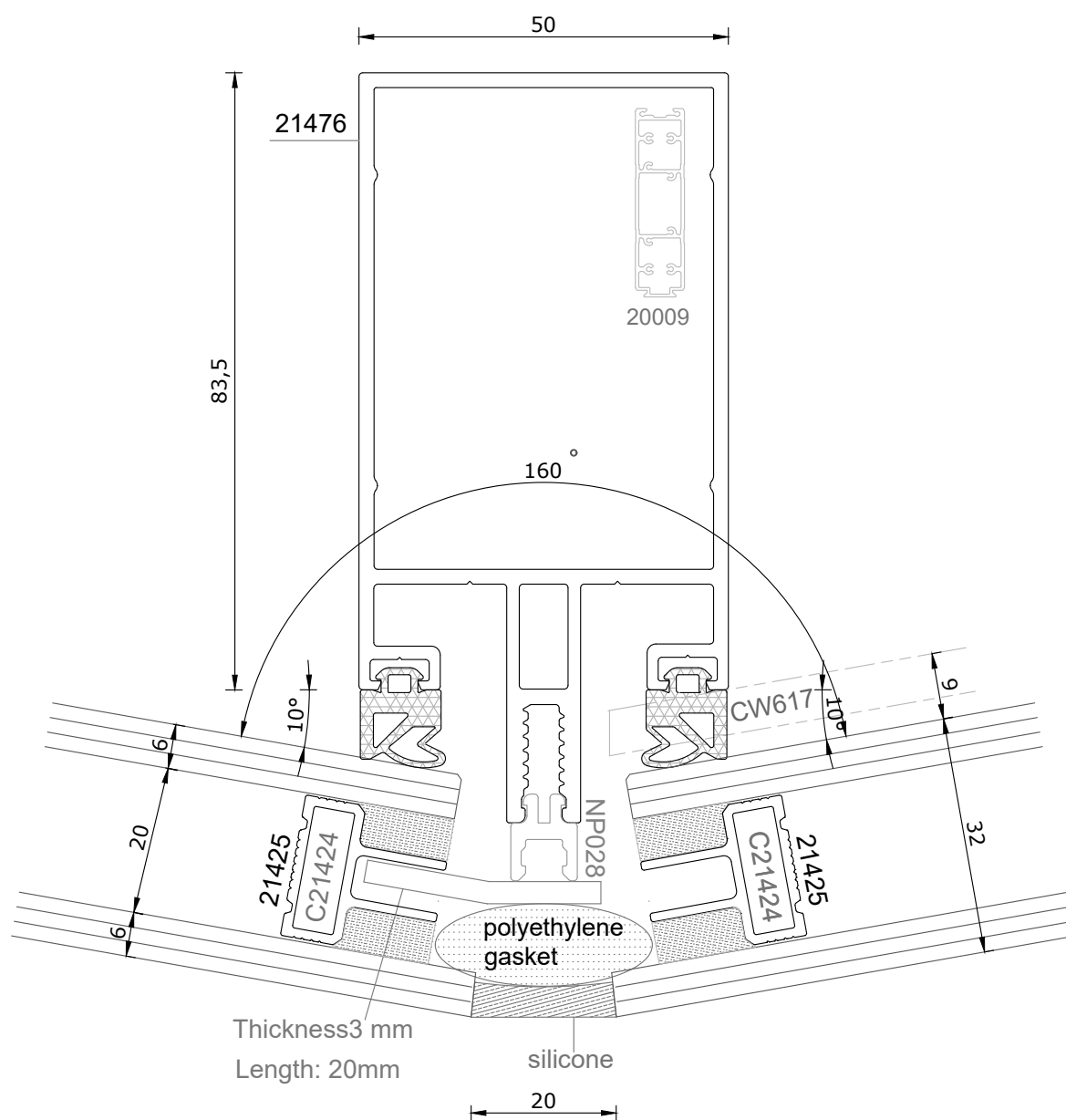
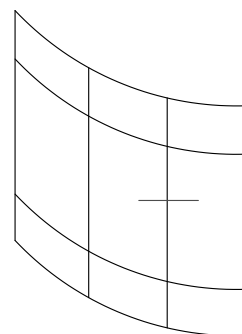
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

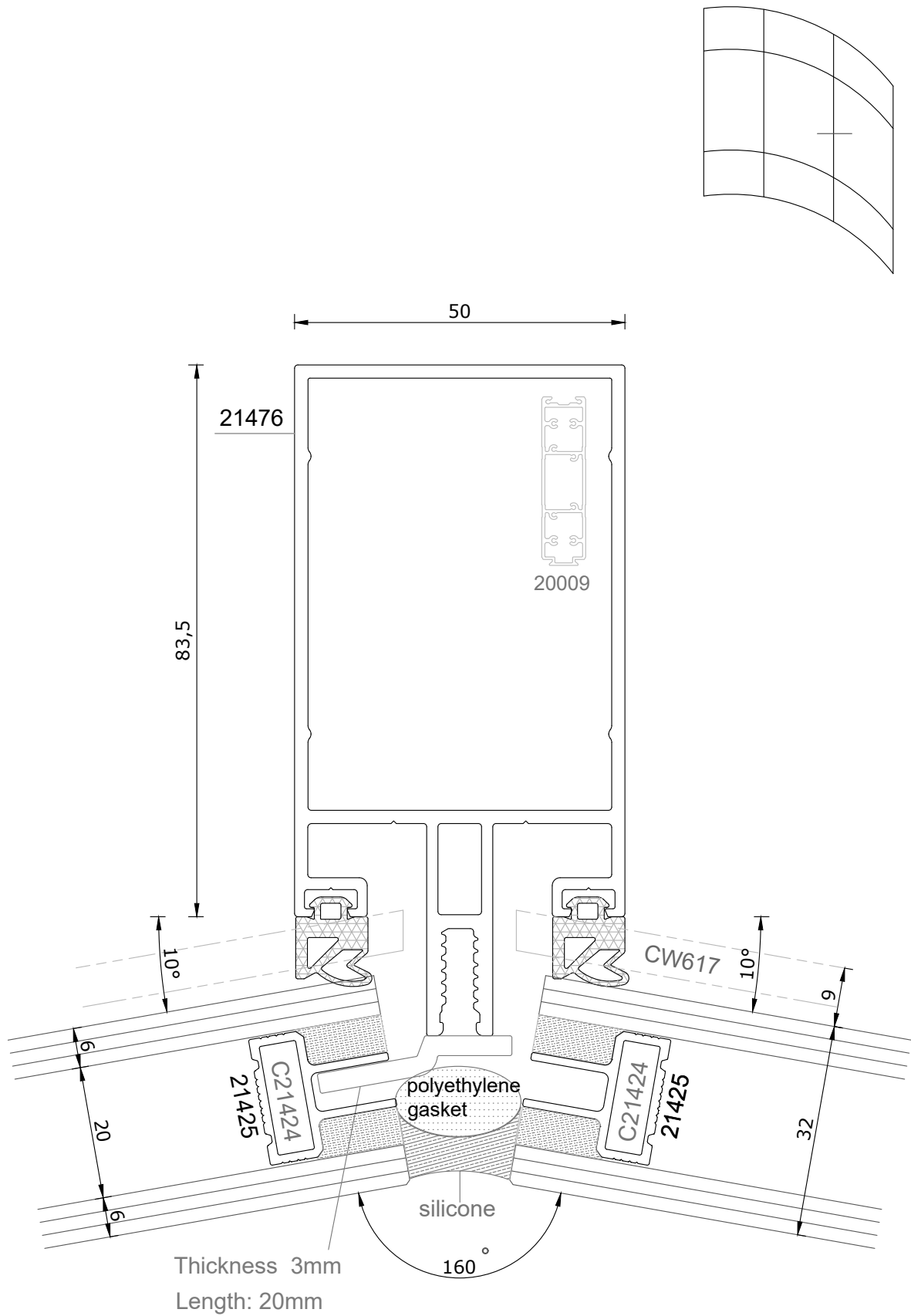
CW50
FACE CAP

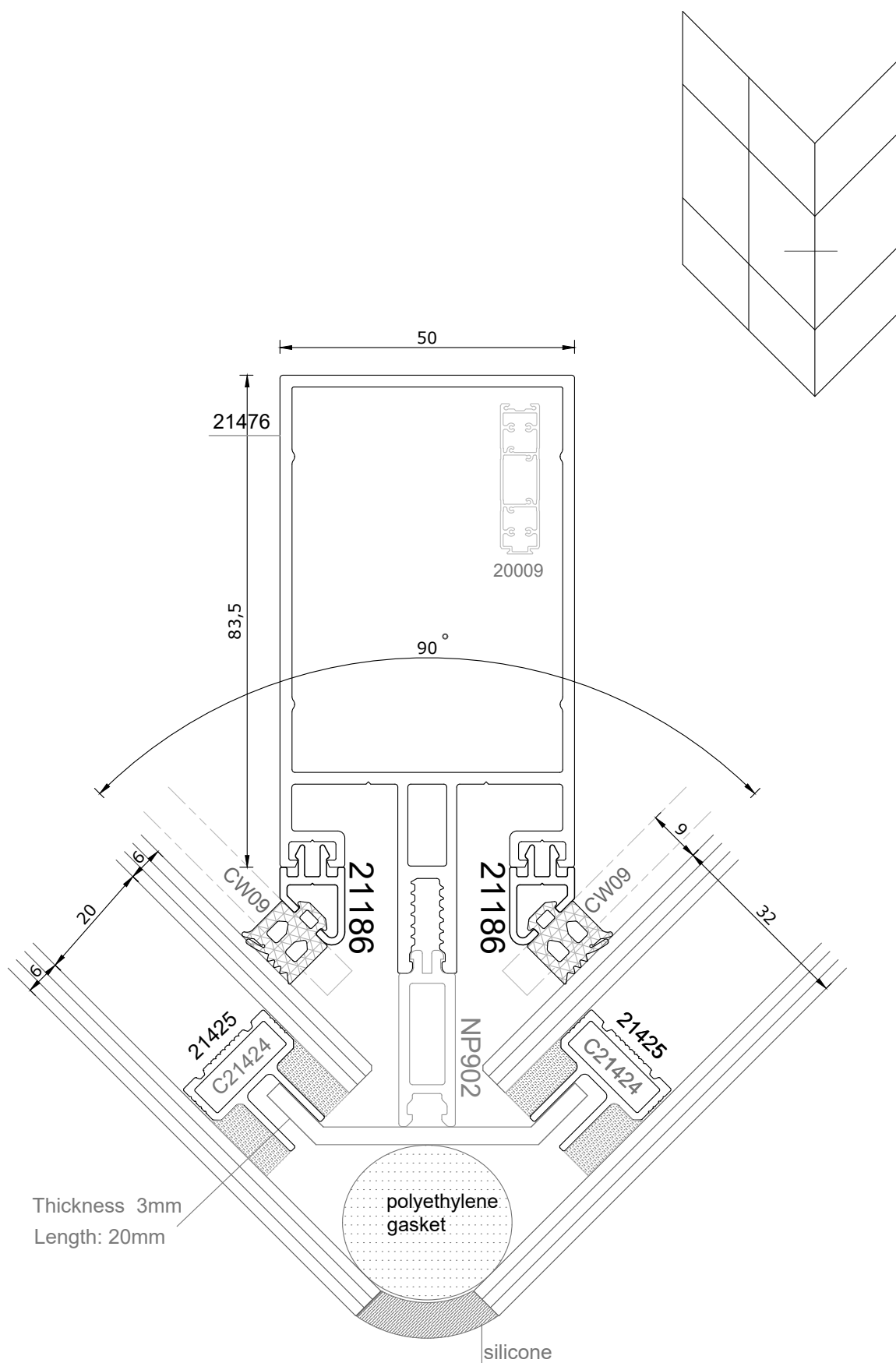
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

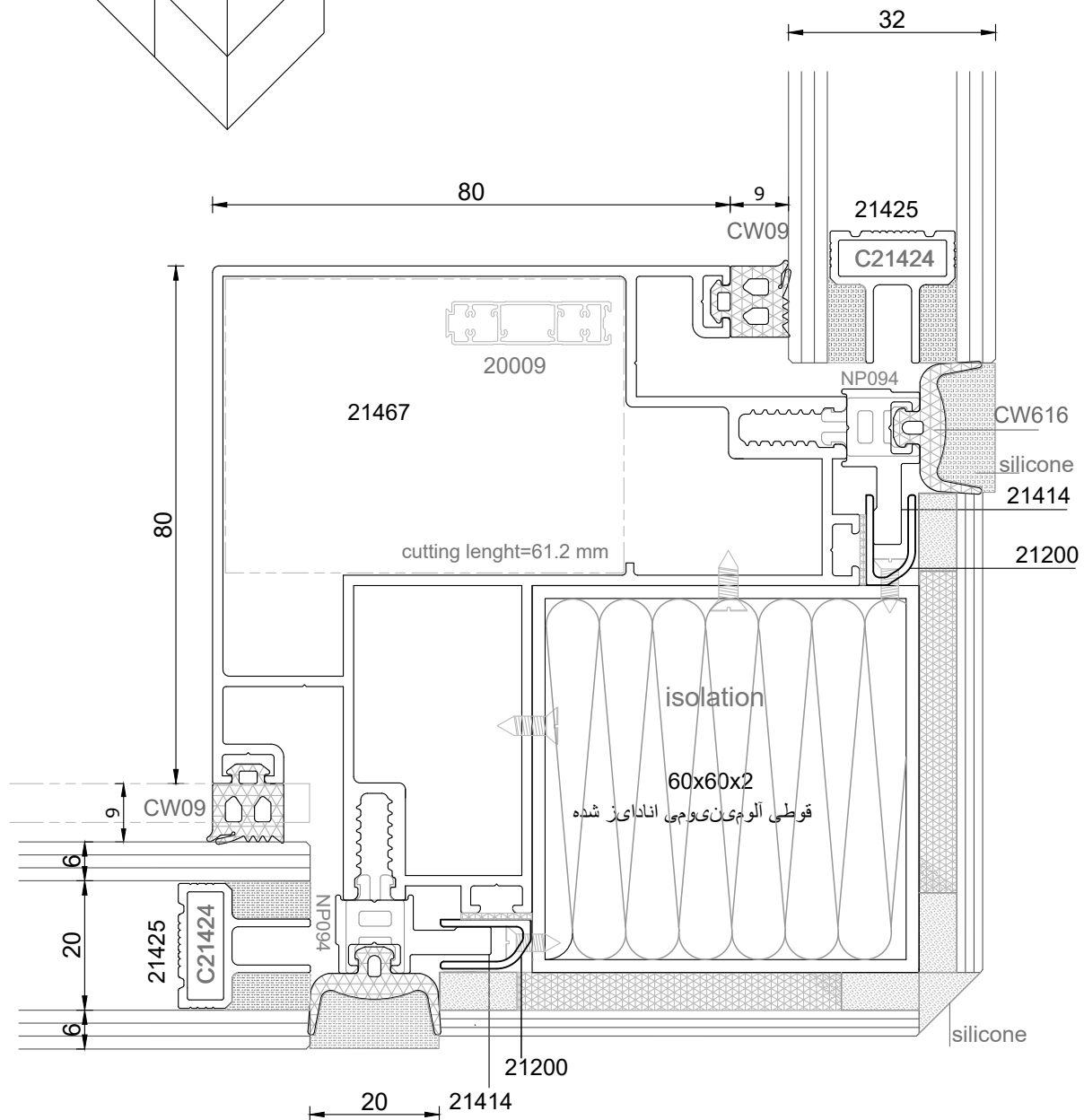
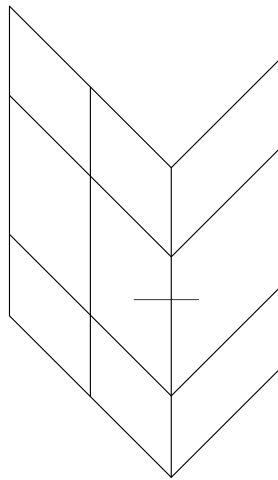
CW50
FACE CAP

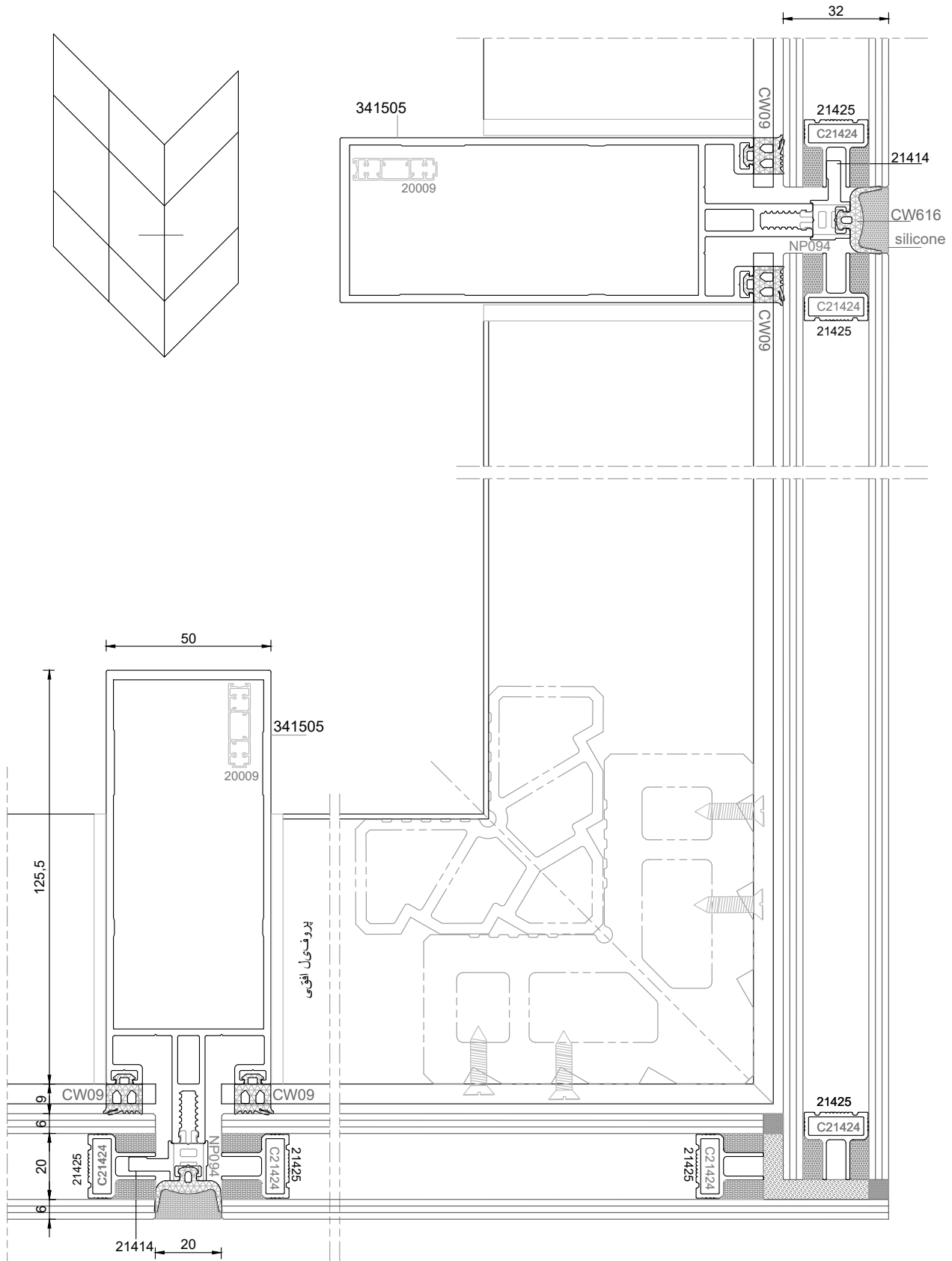
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

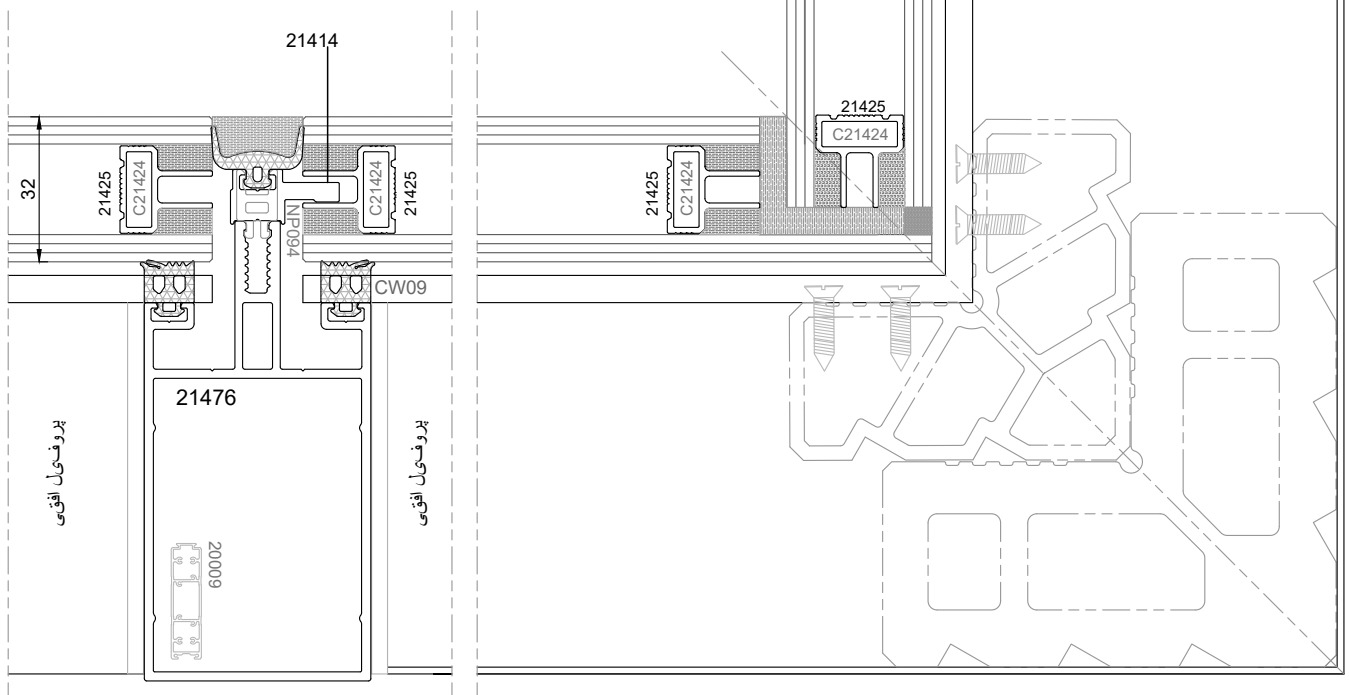
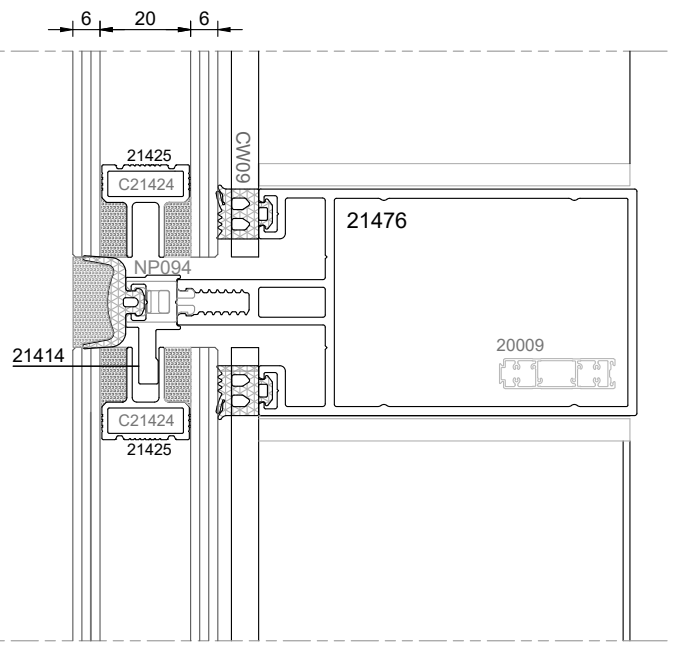
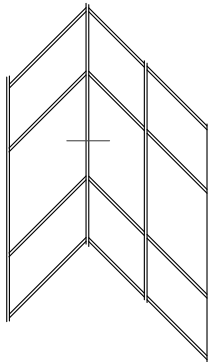
CW50
FACE CAP

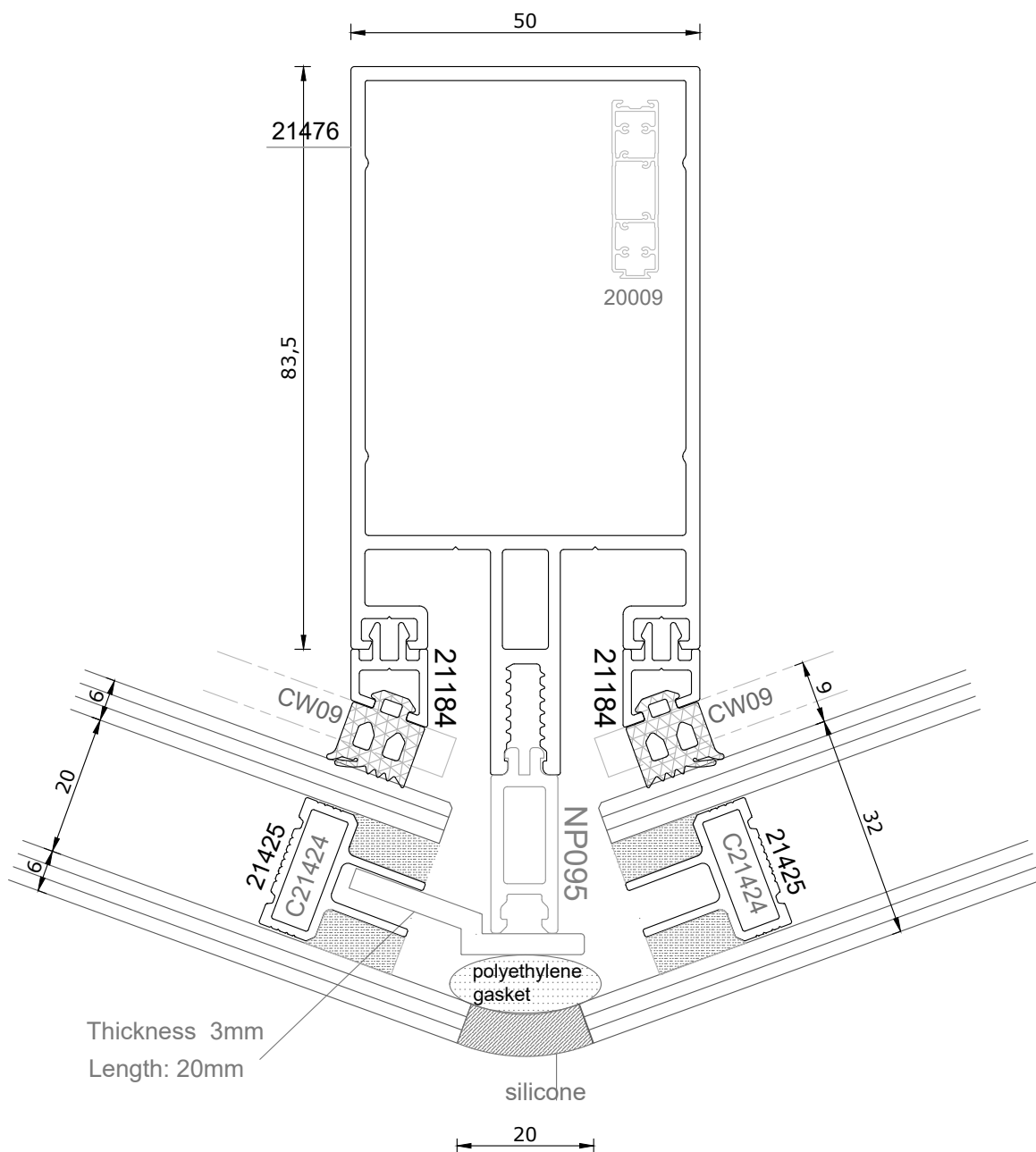
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

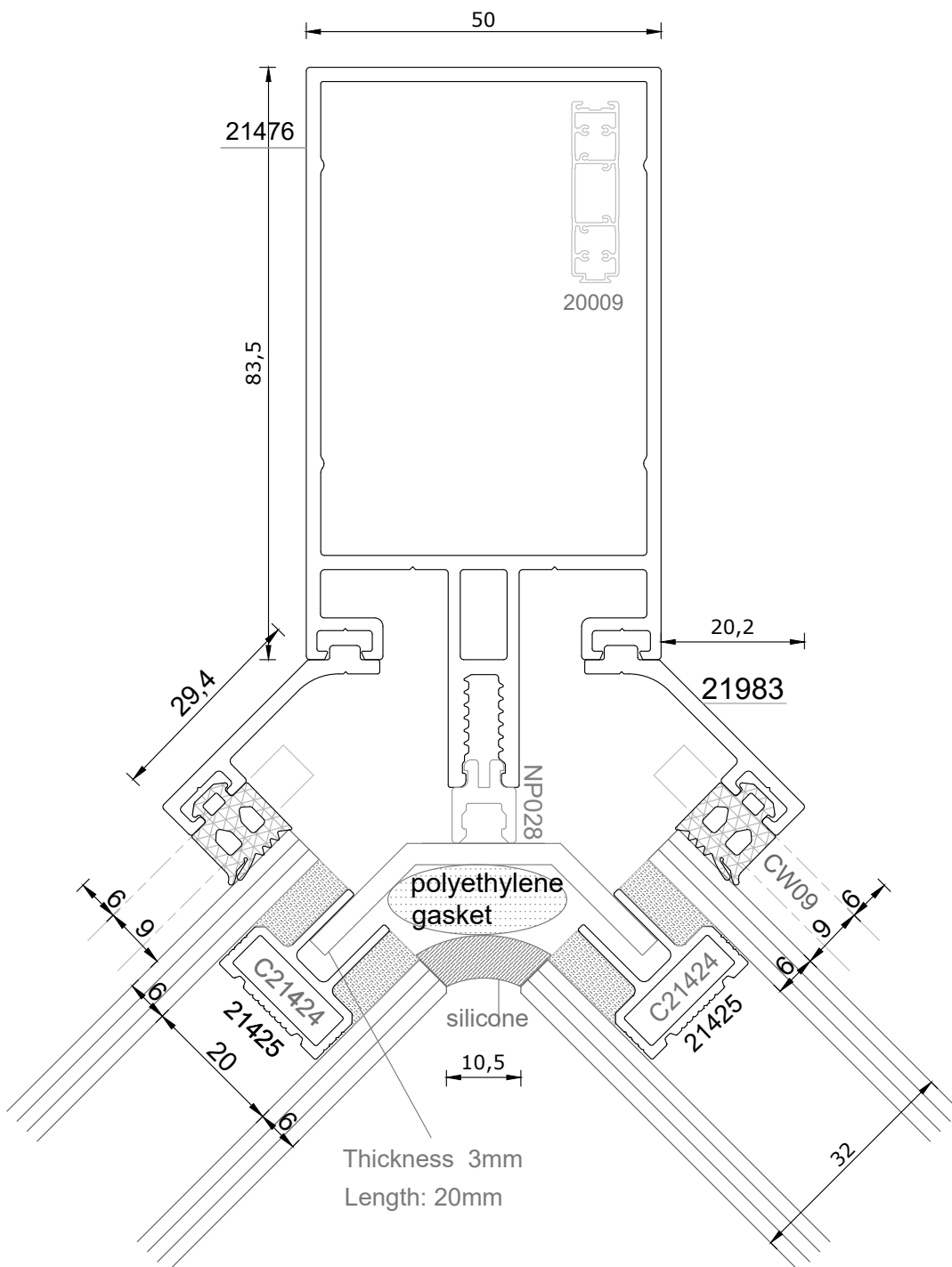
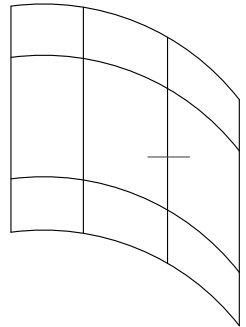
CW50
FACE CAP

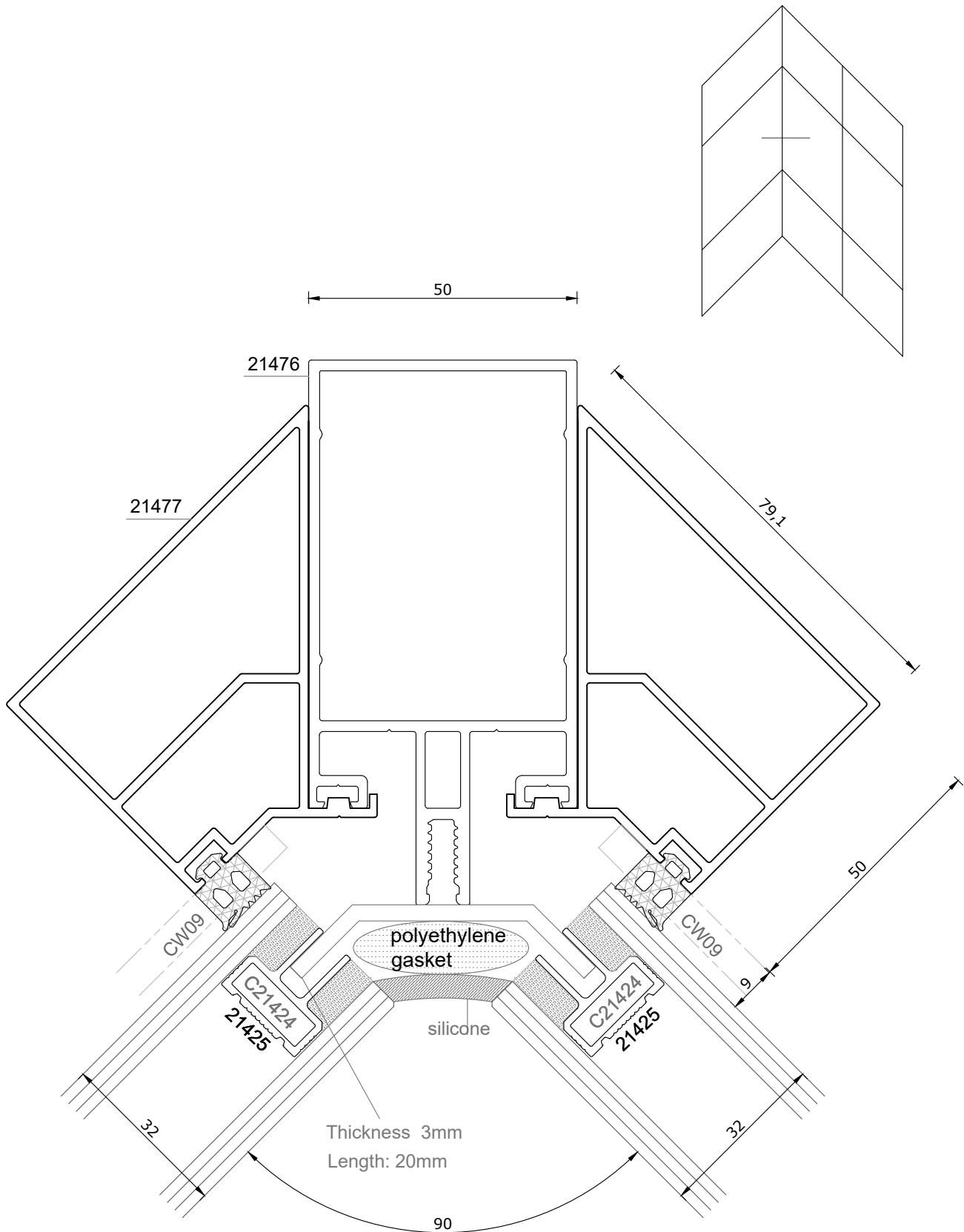
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT





CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

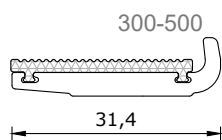
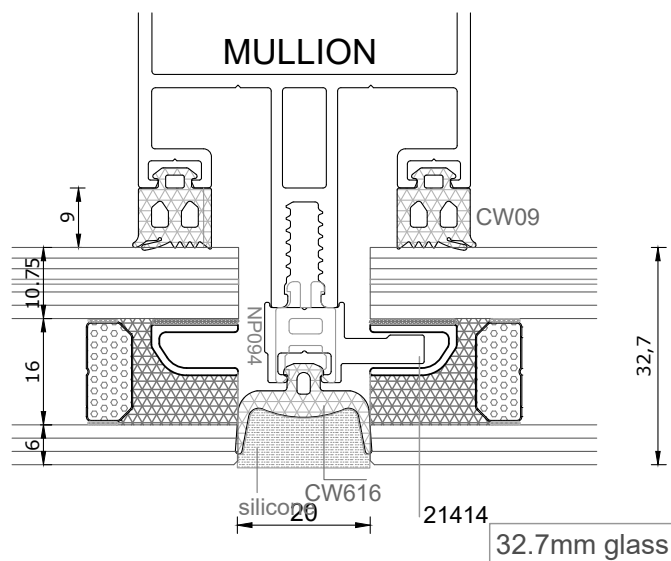
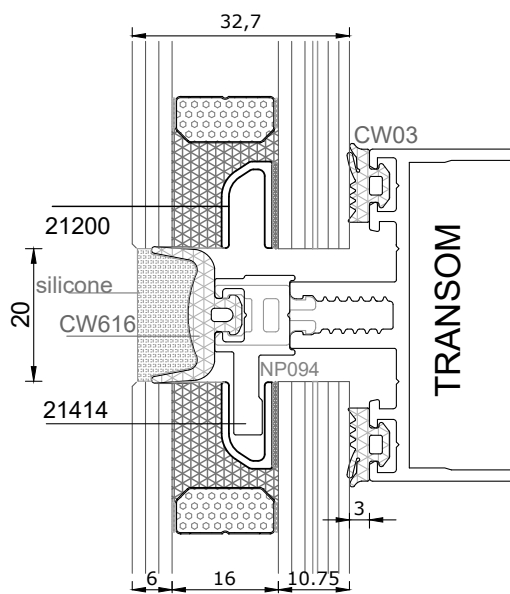
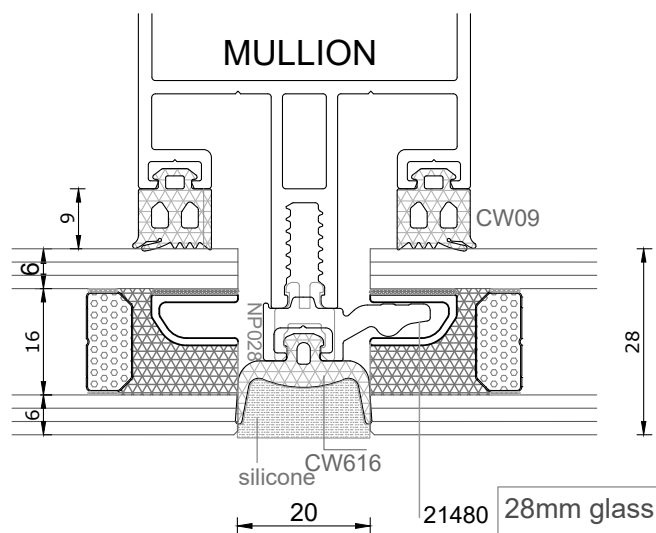
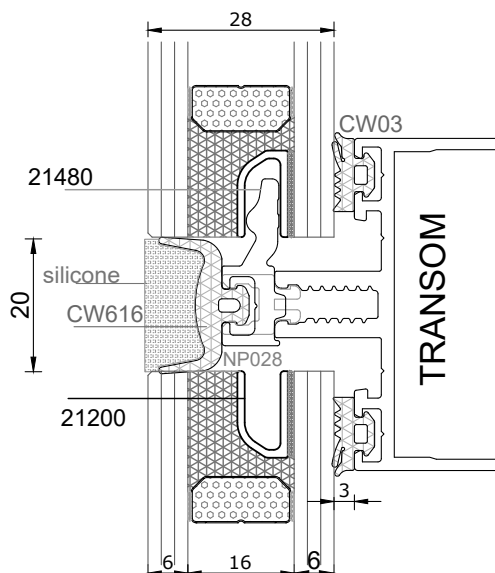
SF-50T
SLIDING FOLDING

HANDRAIL

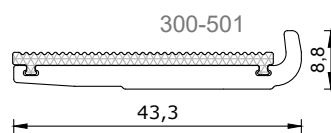
SKY LIGHT

SECTIONS

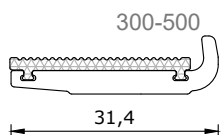
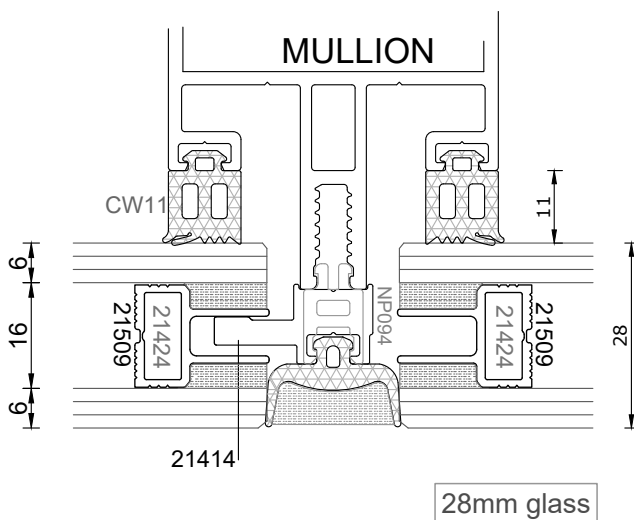
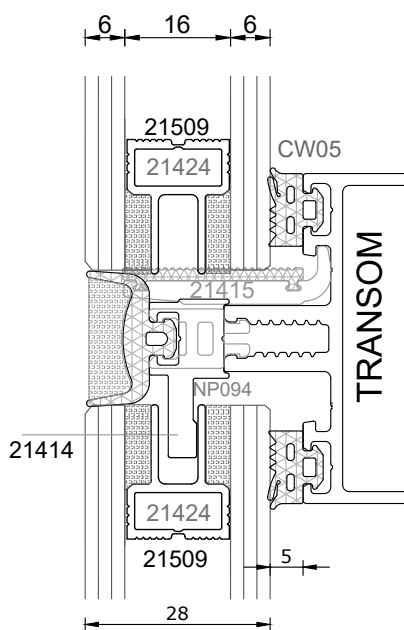
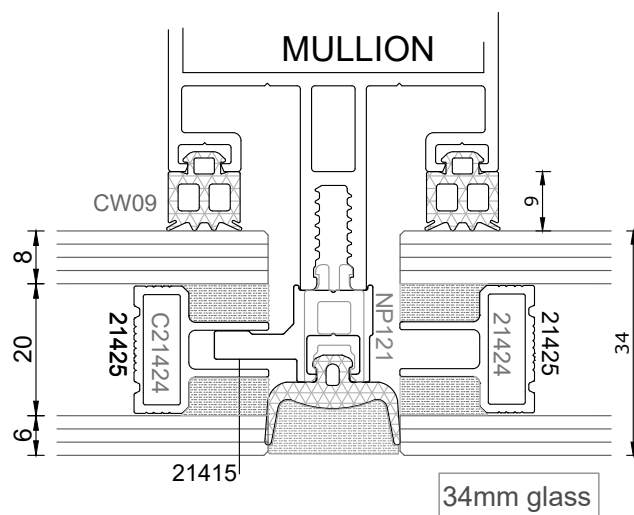
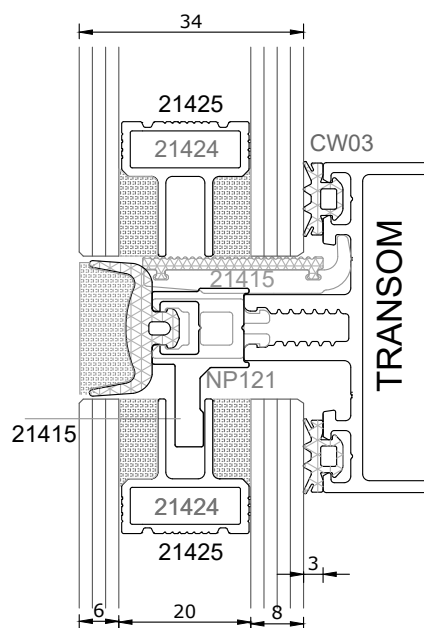
CW50 STEEL SUPPORTED FACADE SYSTEM-Structural Glazing



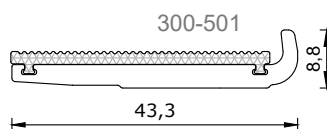
20015
glass support pr
0.300kg/m



20026
glass support pr
0.420 kg/m



20015
glass support pr
0.300kg/m



20026
glass support pr
0.420 kg/m

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

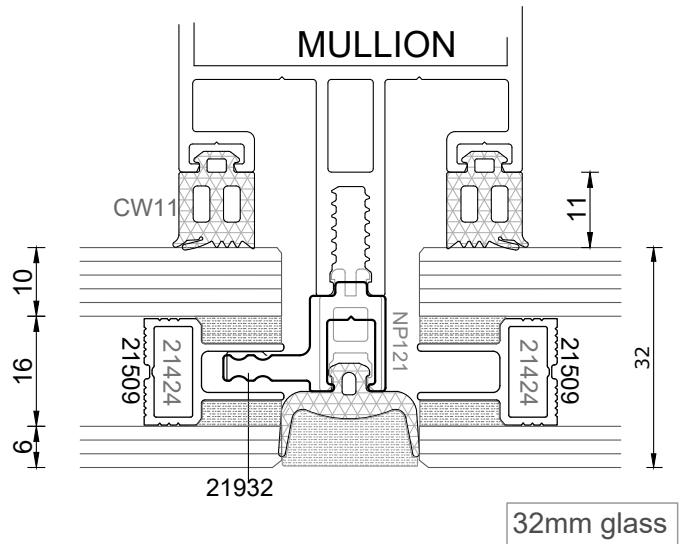
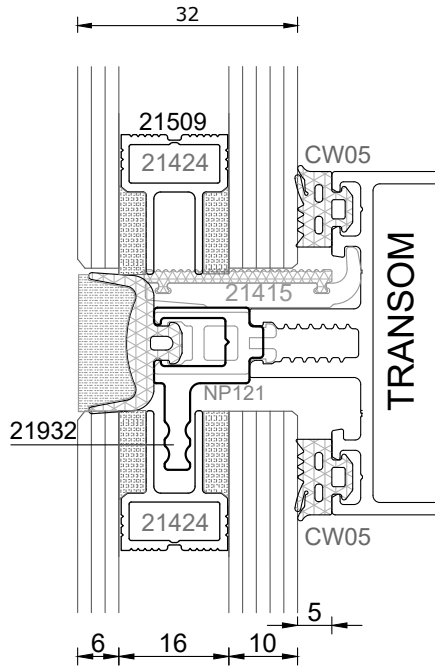
SKY LIGHT

SECTIONS

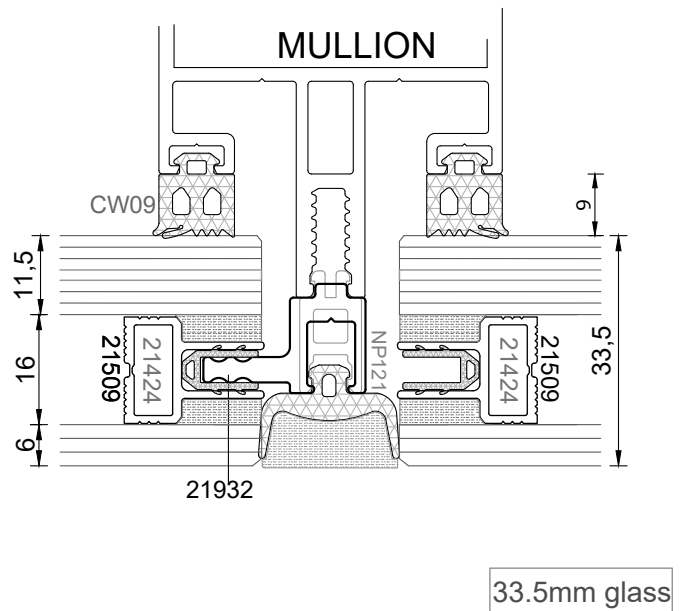
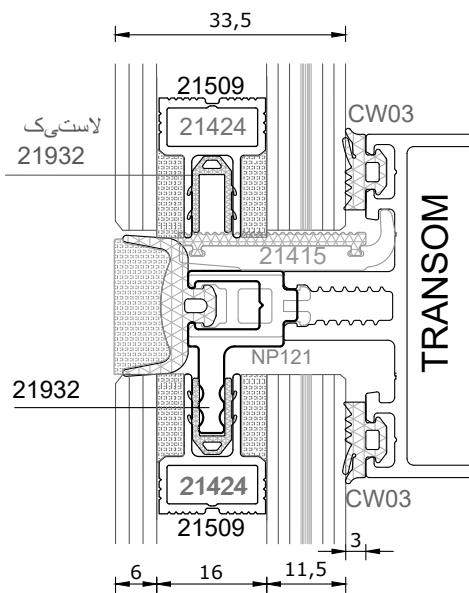
CW50 STEEL SUPPORTED FACADE SYSTEM-Structural Glazing



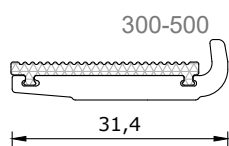
CW65
FACE CAP
STRUCTURAL GLAZING



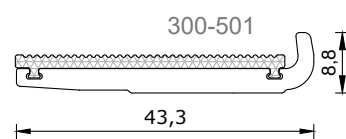
CW50
FACE CAP
STRUCTURAL GLAZING
SLIDING FOLDING



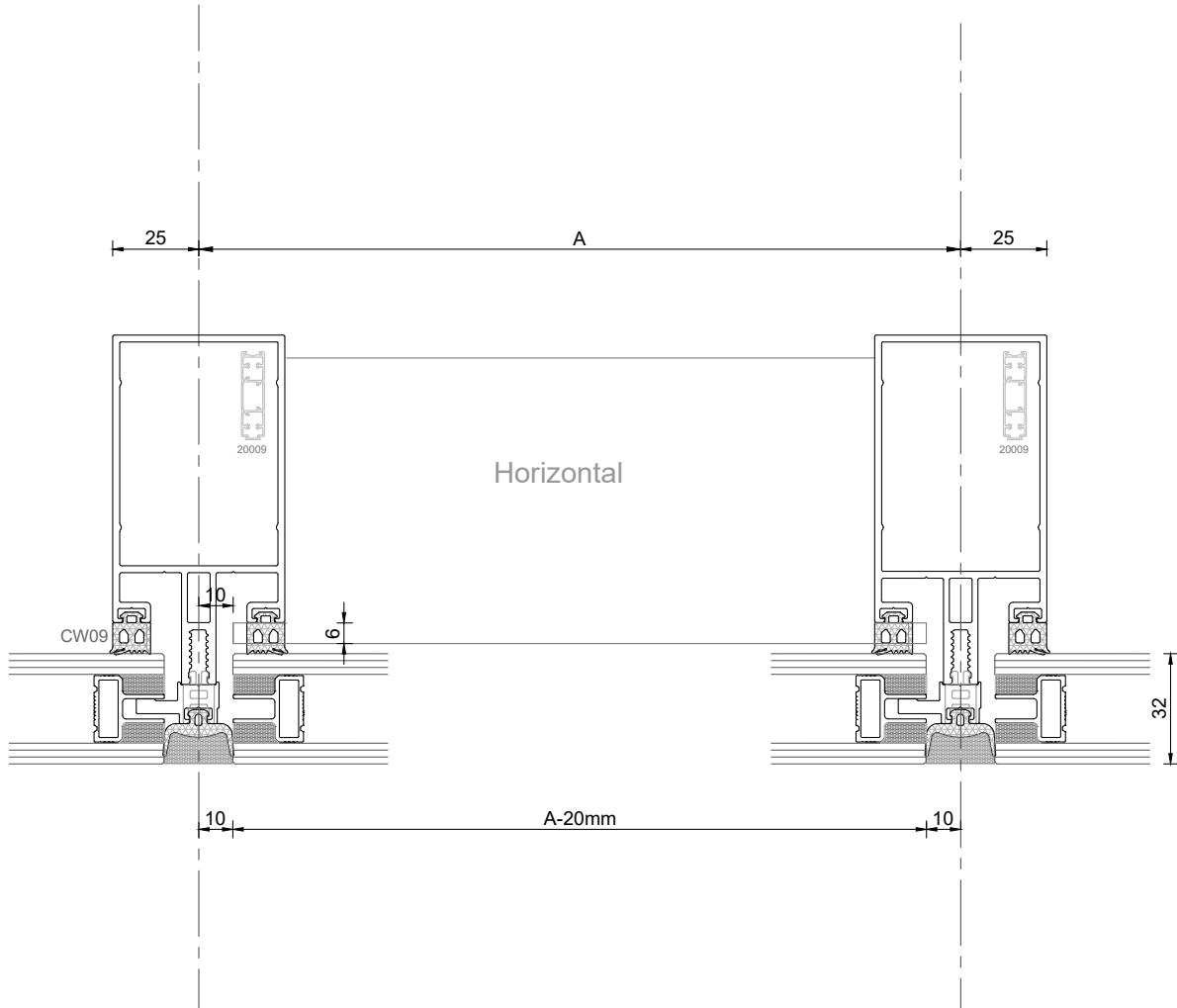
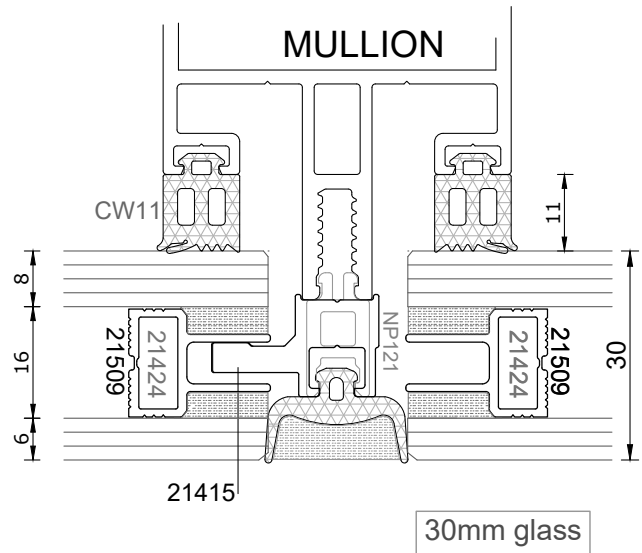
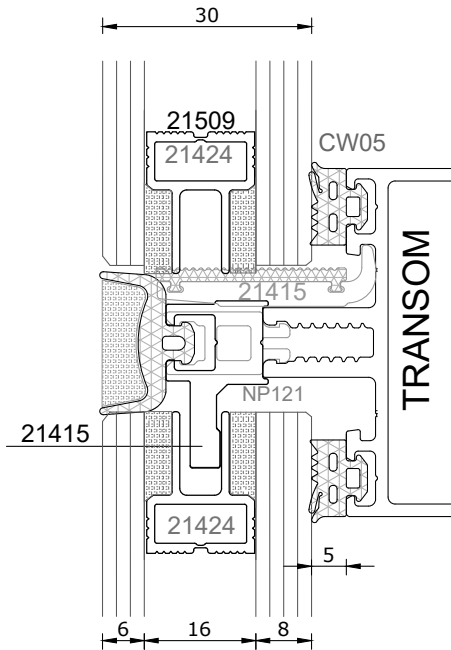
HANDRAIL
SKY LIGHT



20015
glass support pr
0.300kg/m



20026
glass support pr
0.420 kg/m


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

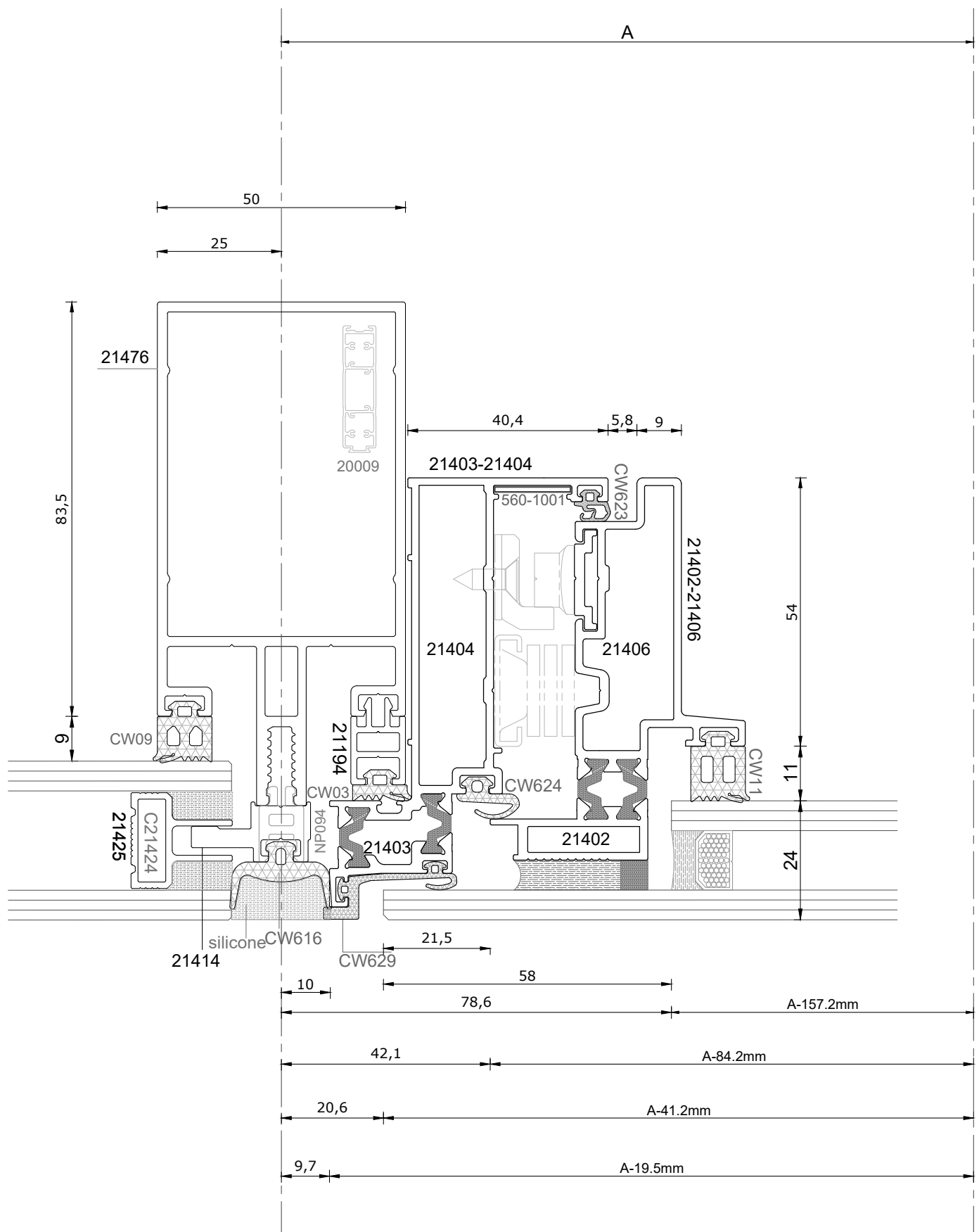
CW50
FACE CAP

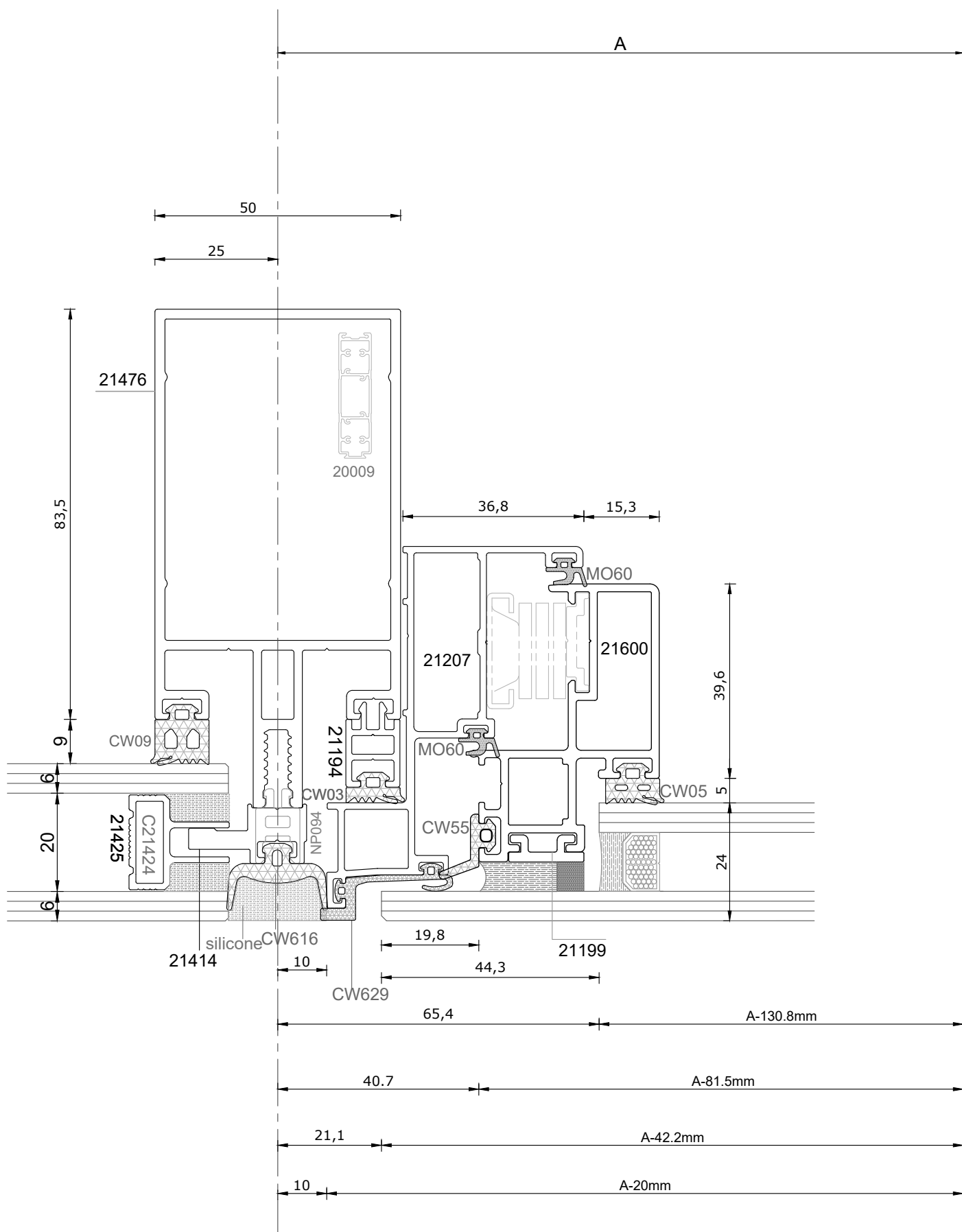
CW50
STRUCTURAL GLAZING

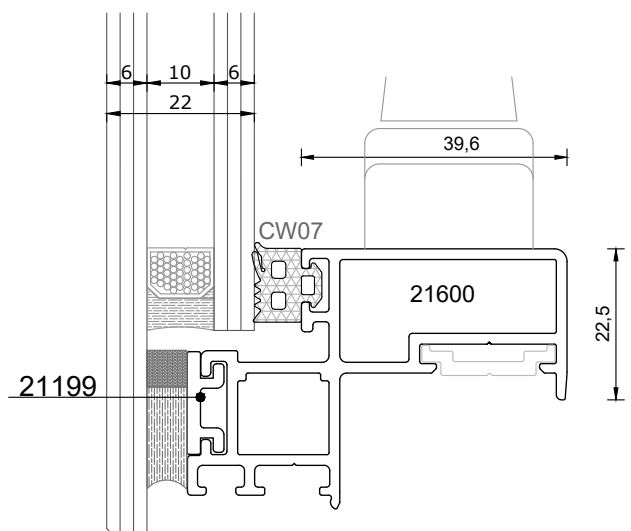
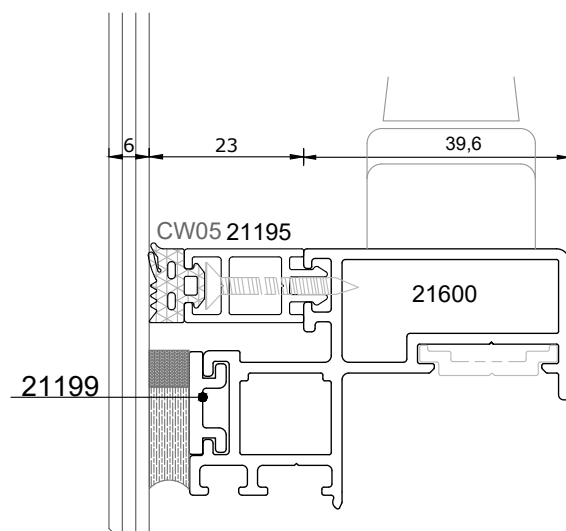
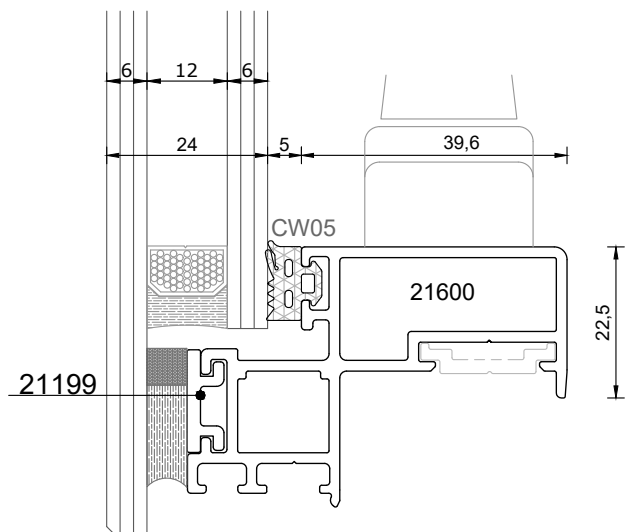
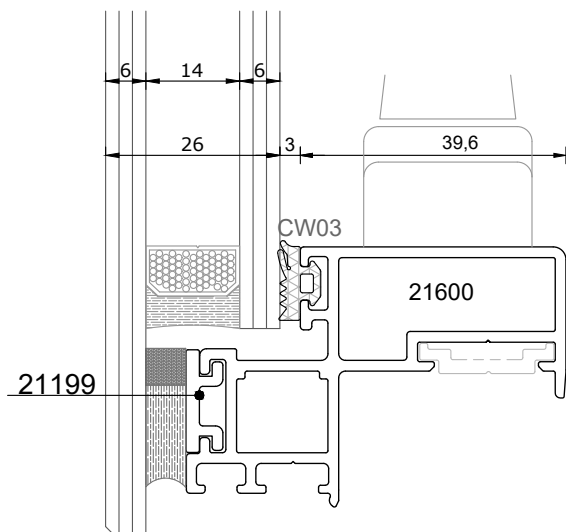
SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT







CW65
FACE CAP

CW65
STRUCTURAL GLAZING

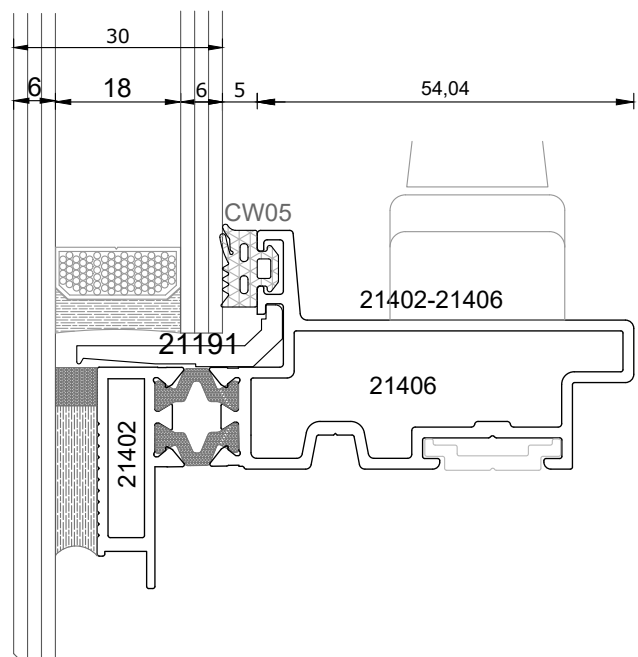
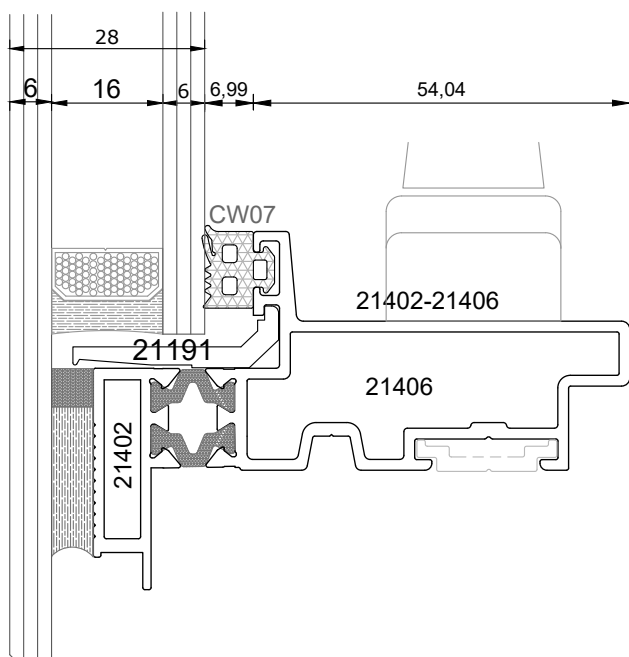
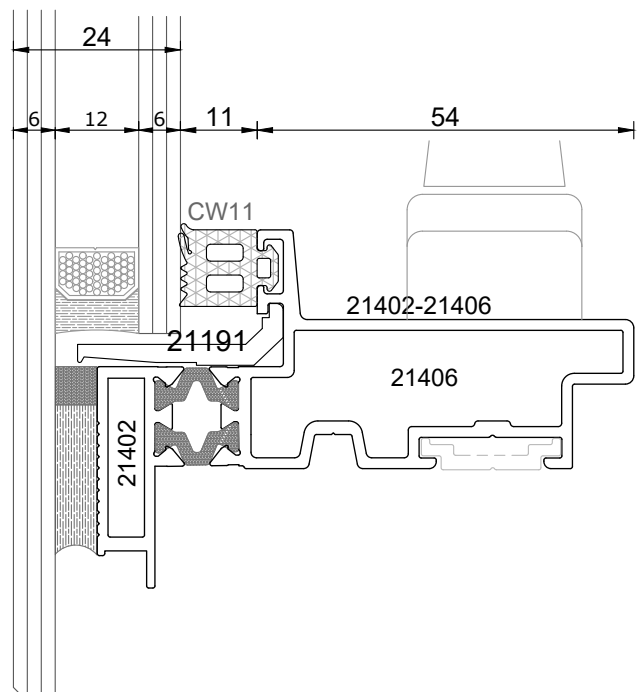
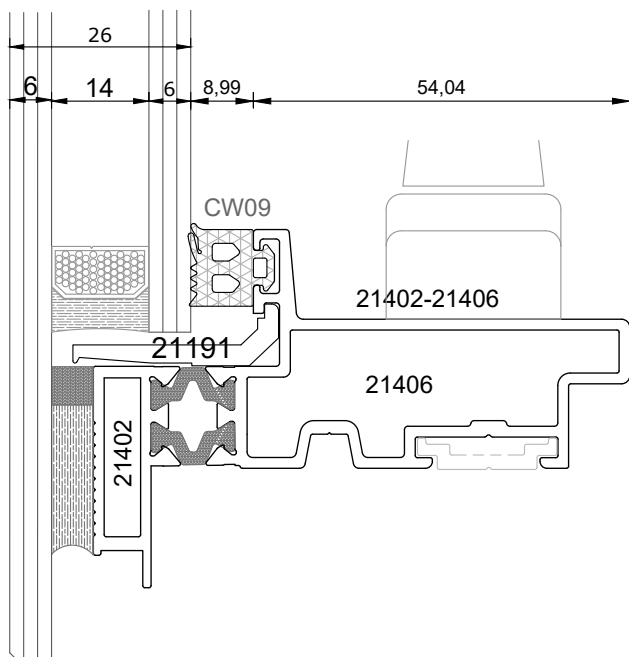
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

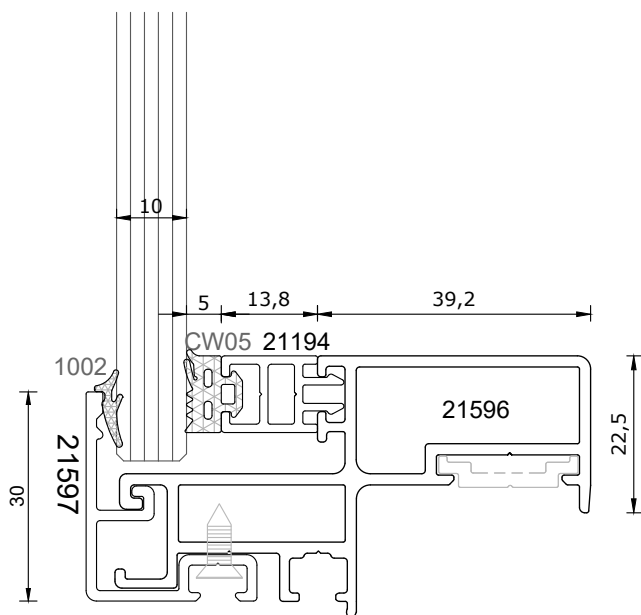
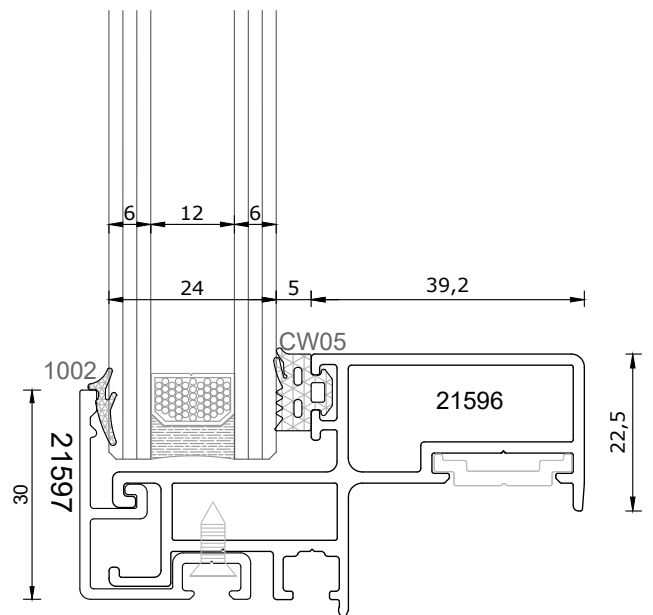
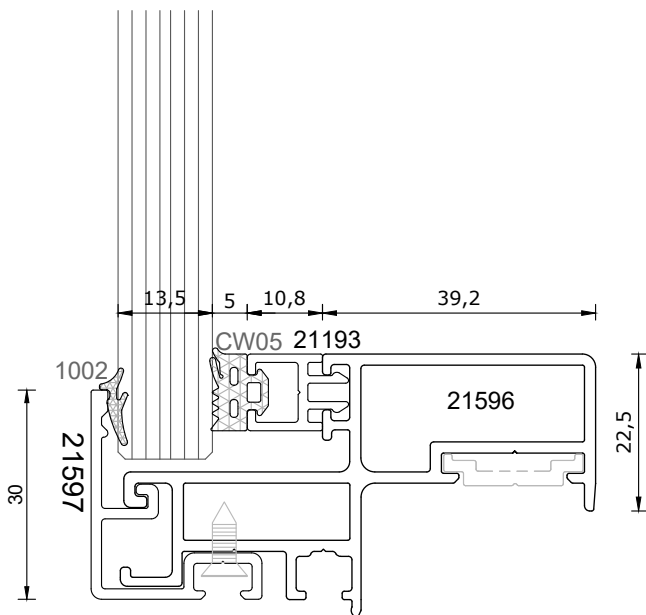
CW50
FACE CAP

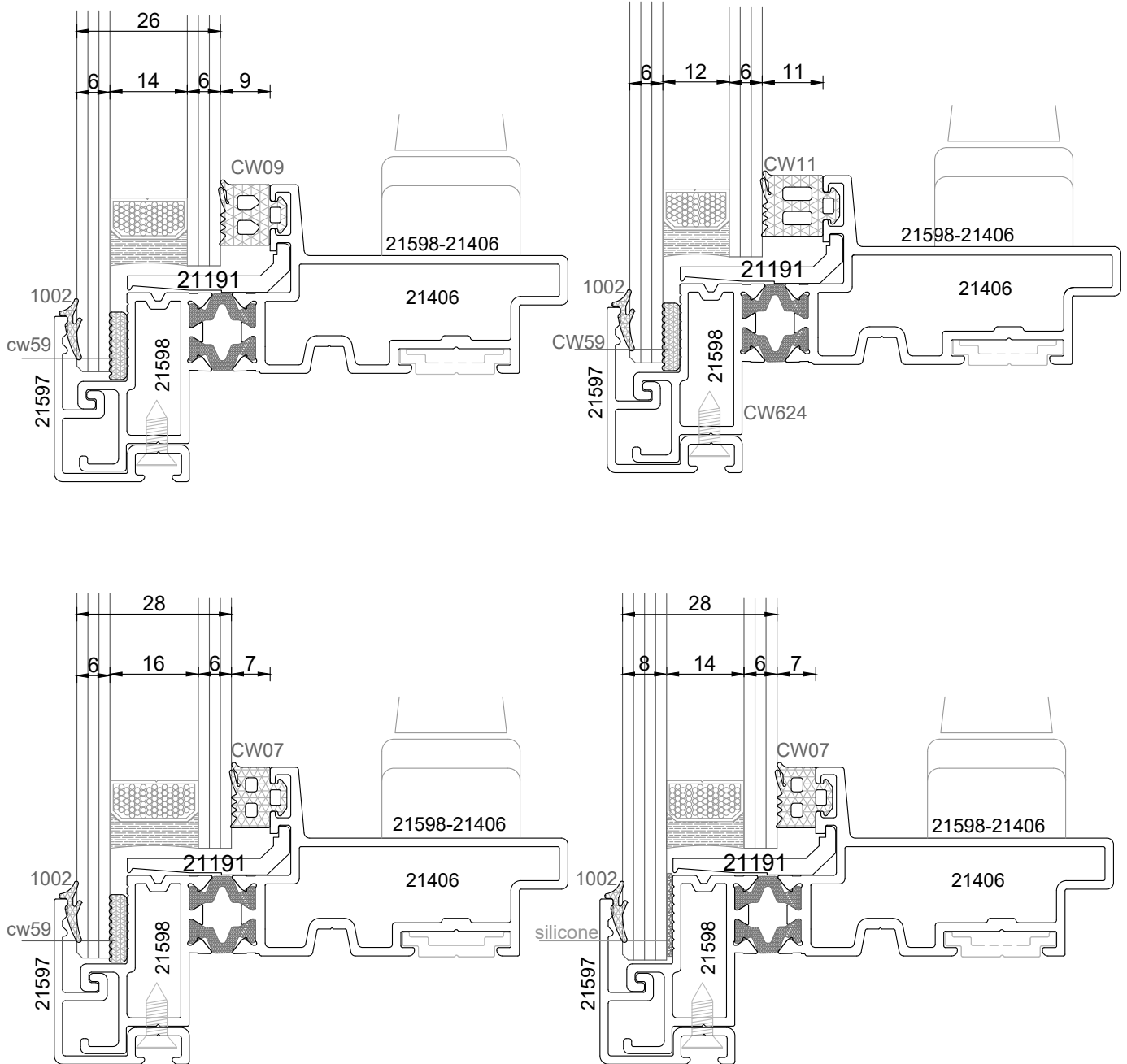
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT




CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

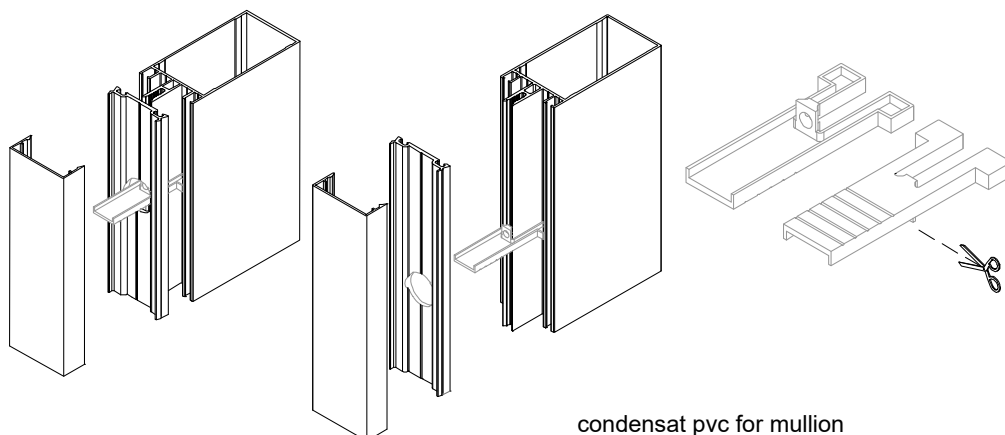
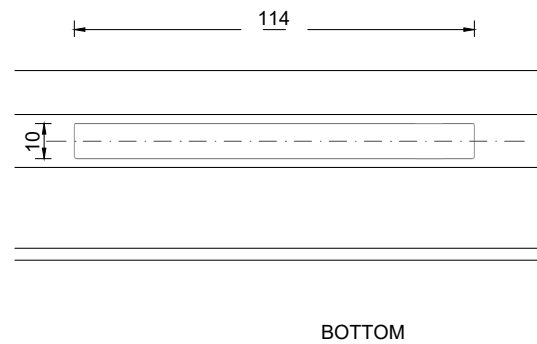
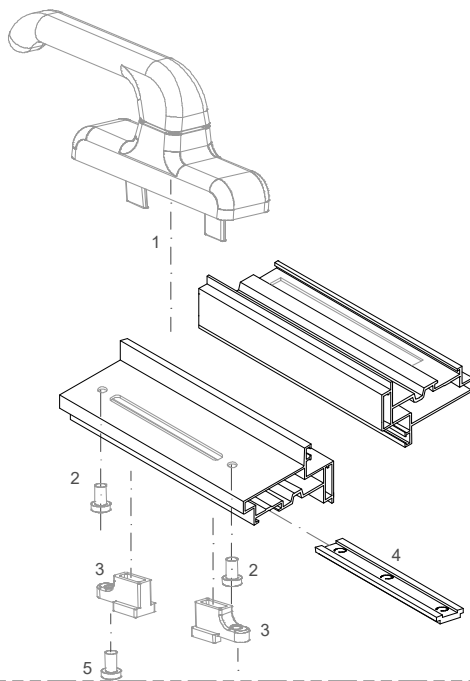
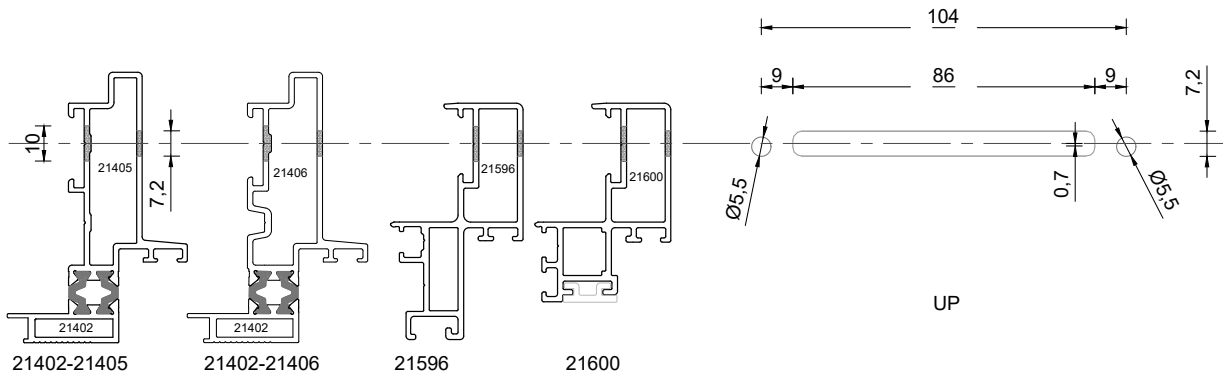
CW50
STRUCTURAL GLAZING

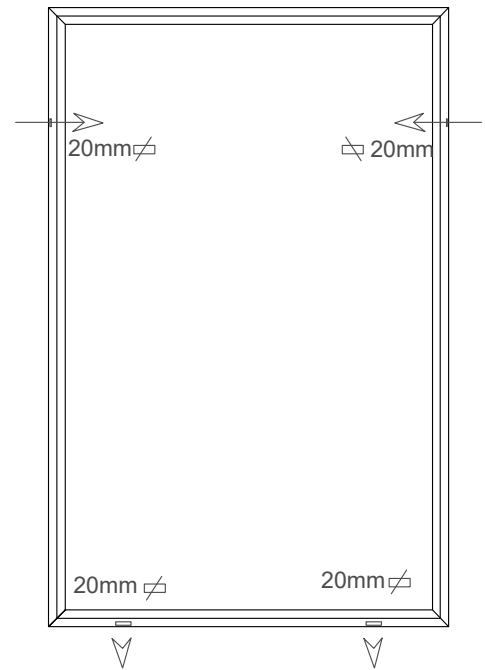
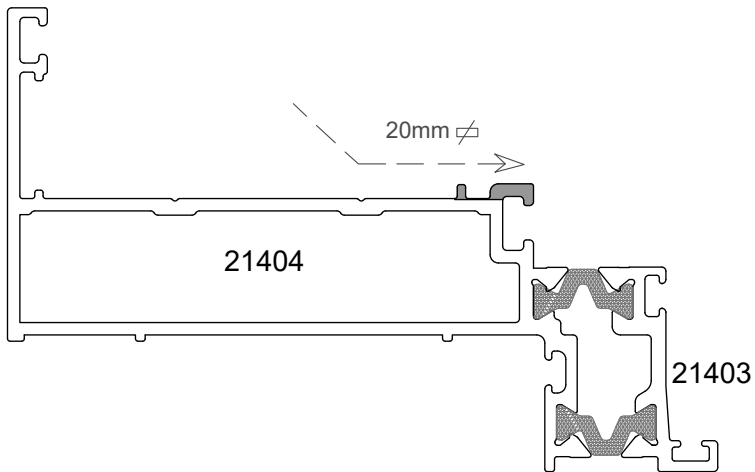
SF-50T
SLIDING FOLDING

HANDRAIL

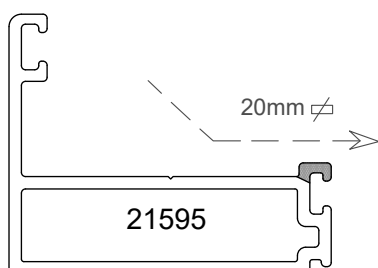
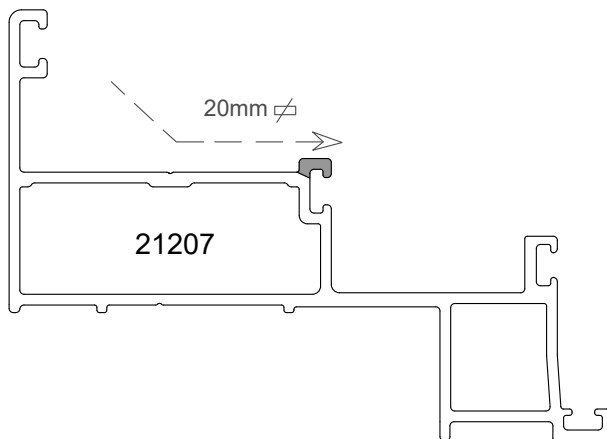
SKY LIGHT

CUTTING ASSEMBLY DRAWING





drainage and ventilation schema


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW/50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

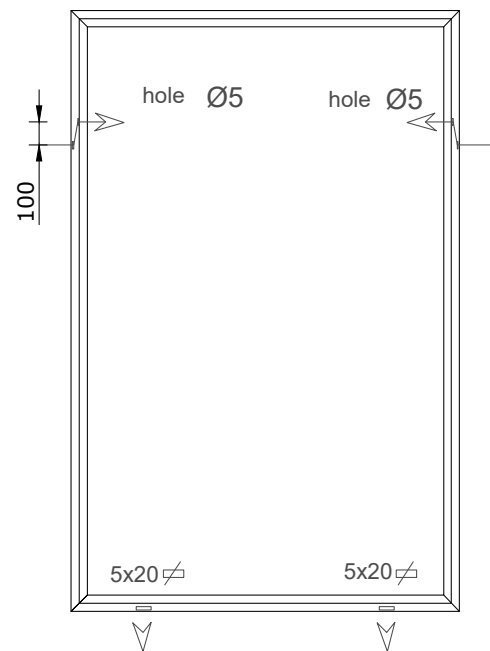
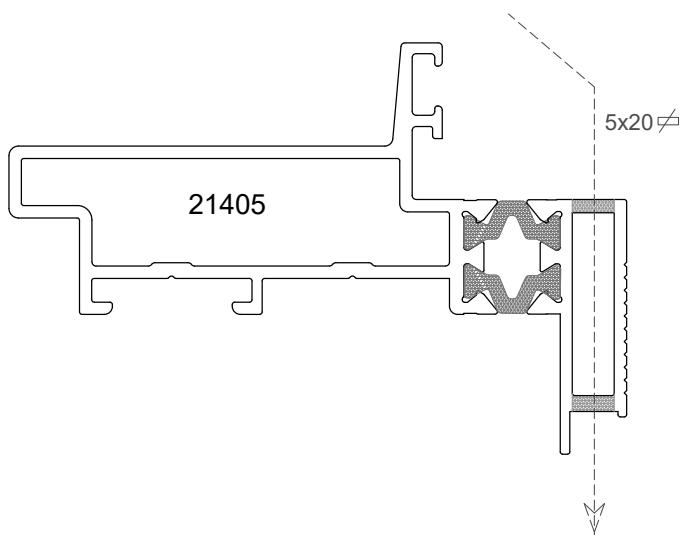
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

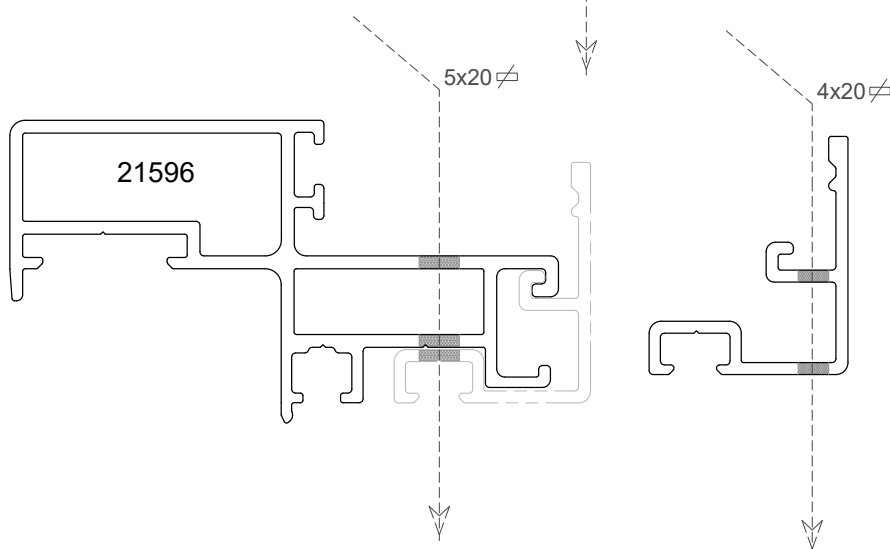
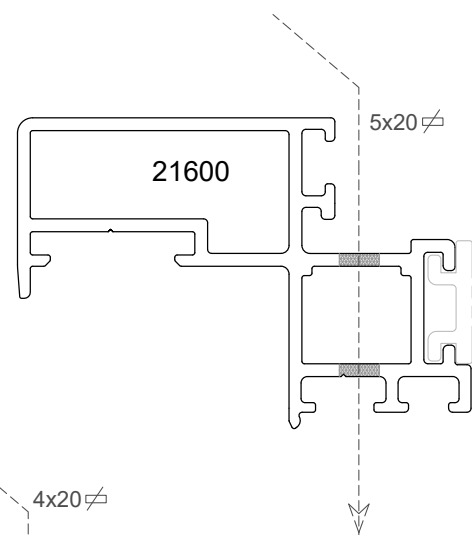
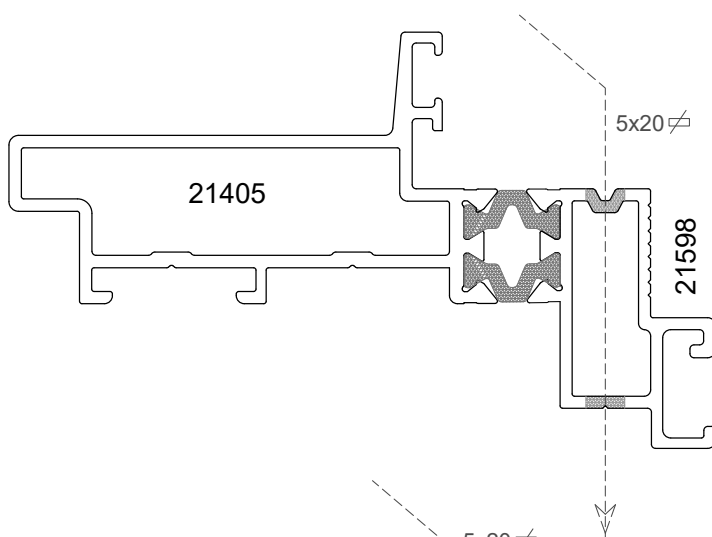
SF-50T
SLIDING FOLDING

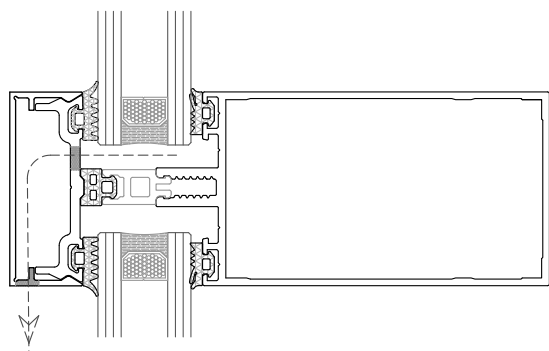
HANDRAIL

SKY LIGHT

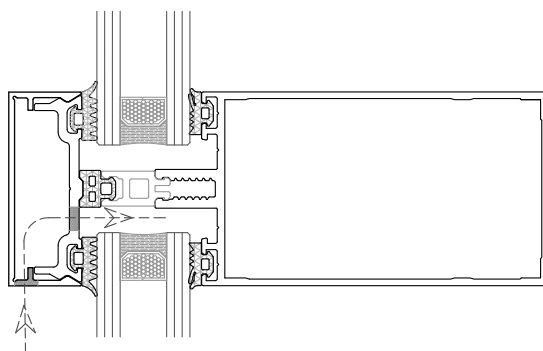


drainage and ventilation schema

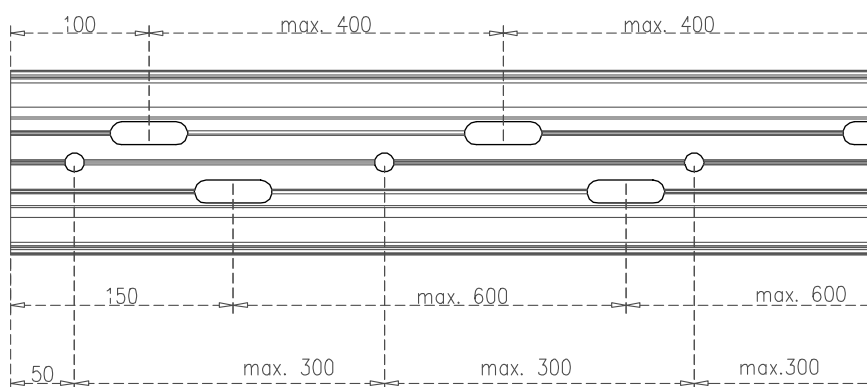




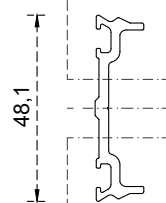
drainage



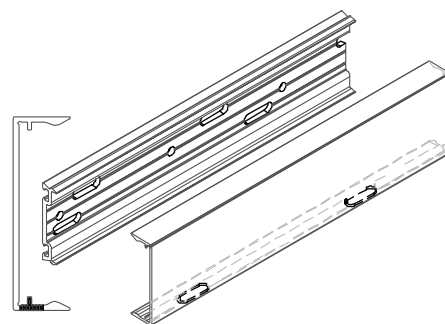
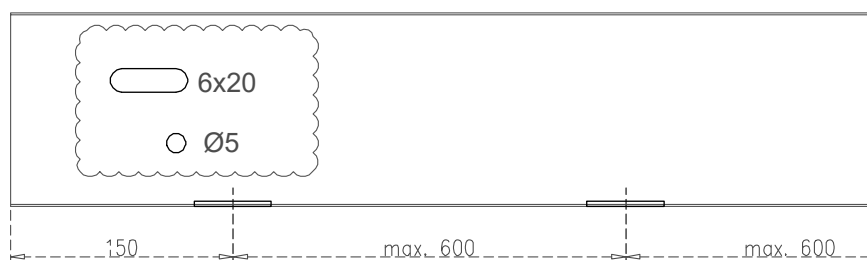
ventilation



drainage



ventilation


CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

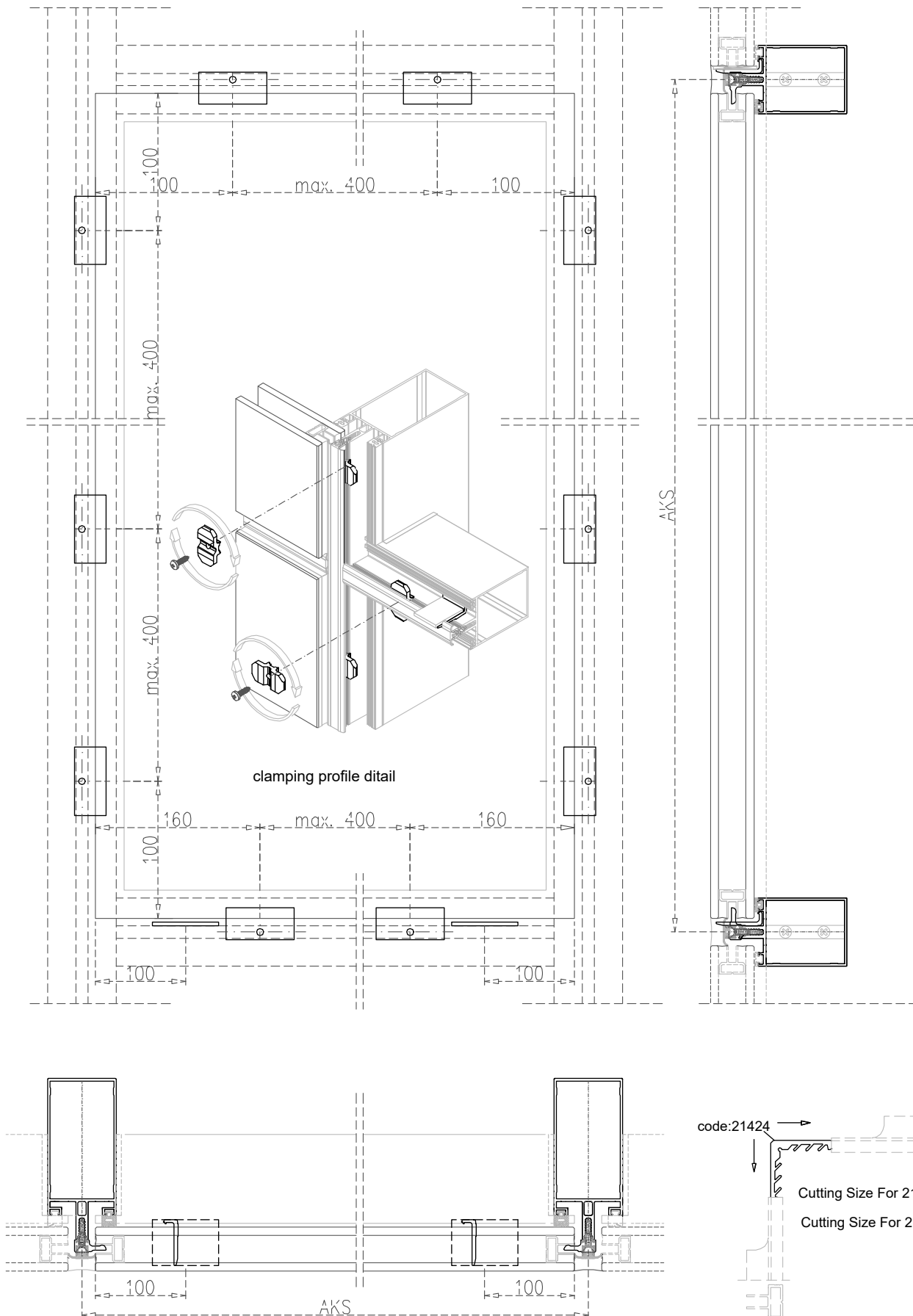
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

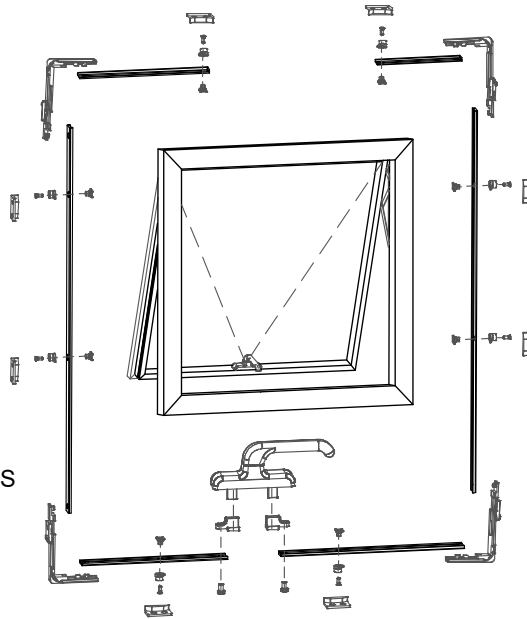
SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT



PRODUCTS TECHNICAL FEATURES



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

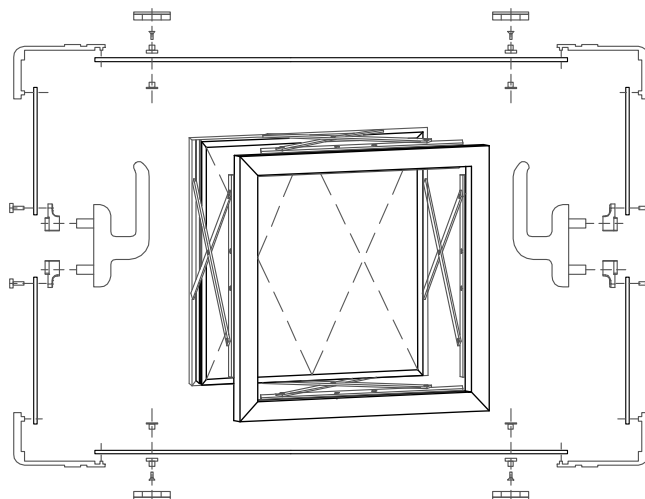
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

PRODUCTS TECHNICAL FEATURES



arm type	arm lenght	max.opening	max.vent H :	max.vent L :	max.weight (kg)
TYPE P- 10"	261,5	35°	700	1200	50
TYPE P- 12"	317,5	30°/35°	800	1200	60
TYPE P- 14"	353,5	30°/35°	1000	1300	69,5
TYPE P- 16"	414,5	25°/30°	1200	1400	88,5
TYPE P- 18"	458,5	25°/30°	1400	1400	102
TYPE P- 20"	511,5	20°/25°	1600	1500	135
TYPE P- 22"	556,5	20°/25°	1700	1500	137
TYPE P- 24"	602,5	20°/25°	1800	1500	139
TYPE P- 28"	707,5	10°/15°/20°	2000	1500	155

width according to the weight and the height

facade handle

facade handle (key)

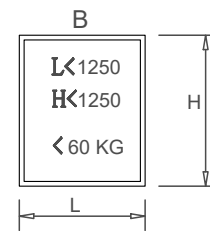
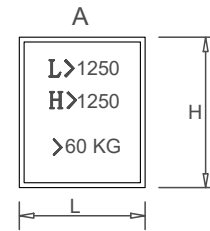
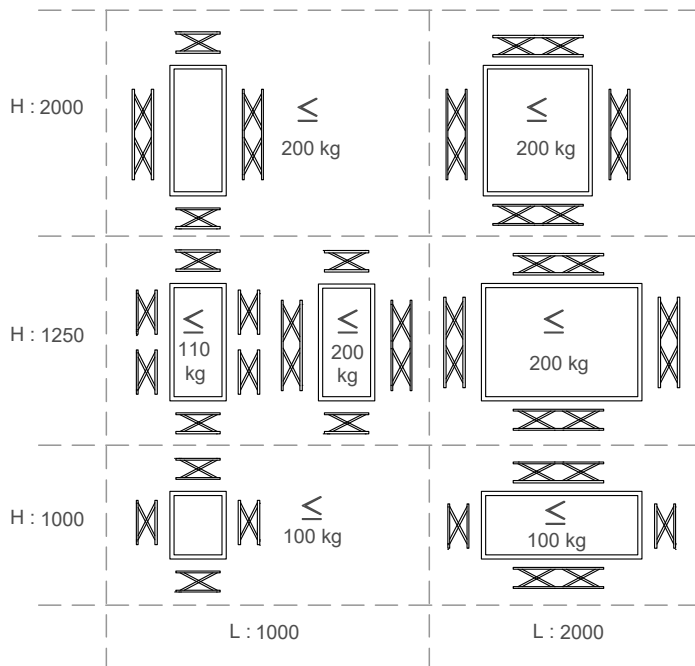
facade handle

adjustable fastening pawl

motion corner transmitter

connection block for facade handle

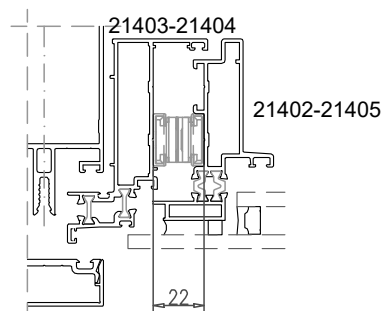
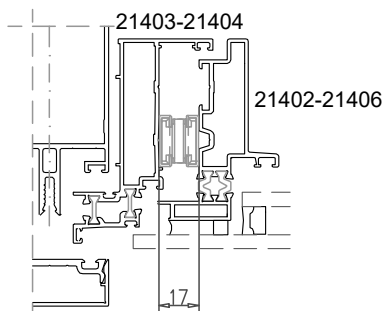
adjustable striker for window



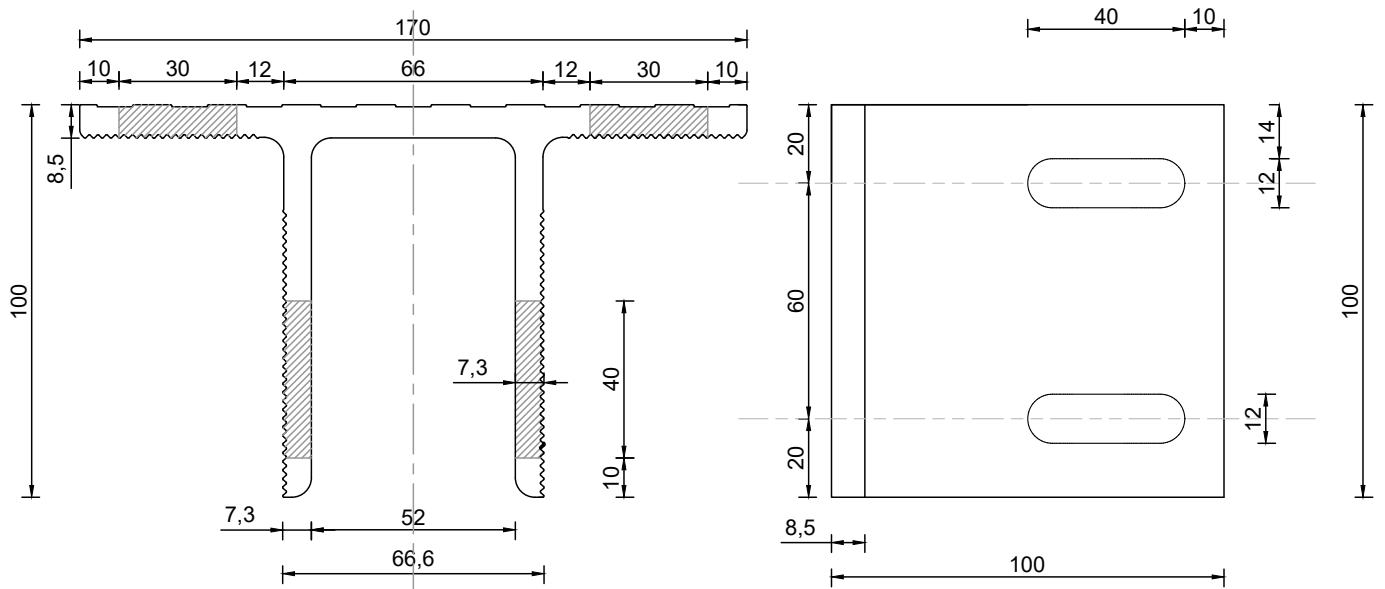
(A) automatic fastening mechanism

(B) manual or automatic fastening mechanism

description	type	max.opening	arm lenght	max.vent h :	max.vent L :	max.weight (kg)
16.9	parallel	180	470	1000	1000	100
16.9	parallel	180	940	2000	2000	200
21	parallel	180	470	1000	1000	100
21	parallel	180	940	2000	2000	200



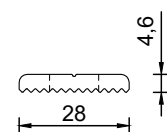
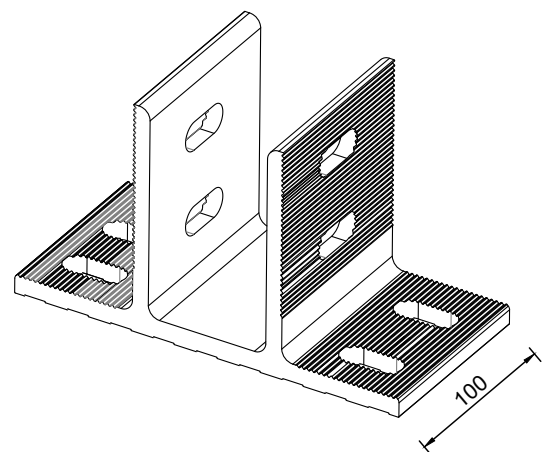
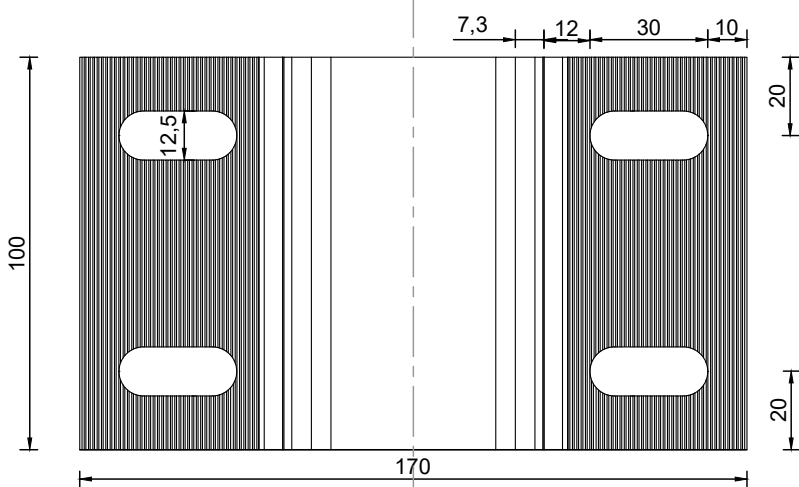
dip aluminium anchor horizontal



21482

10 cm bracket

7.262 kg/m

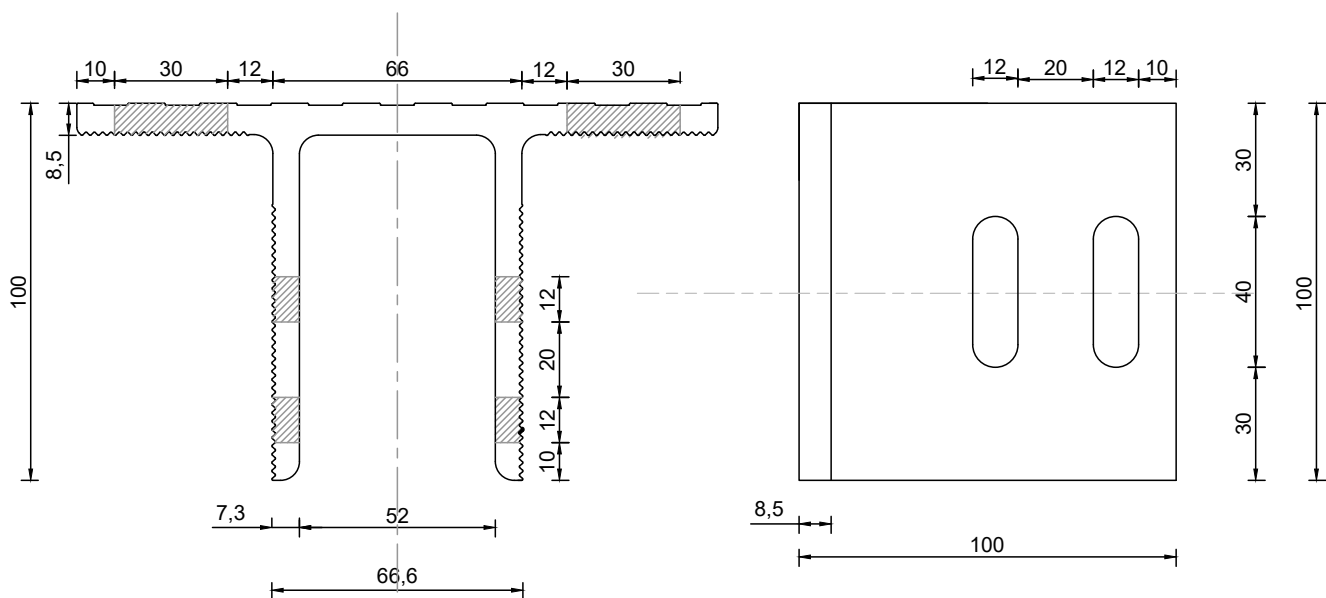


21488

Washer profile

0.315 kg/m

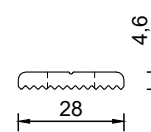
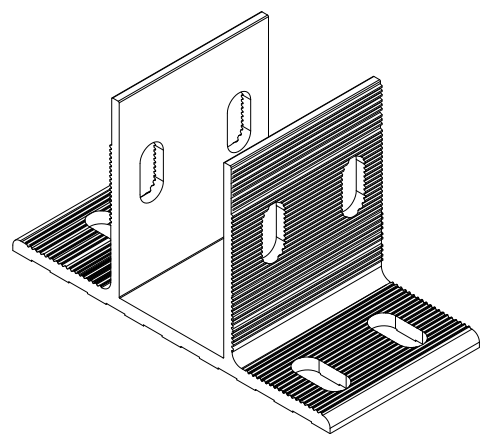
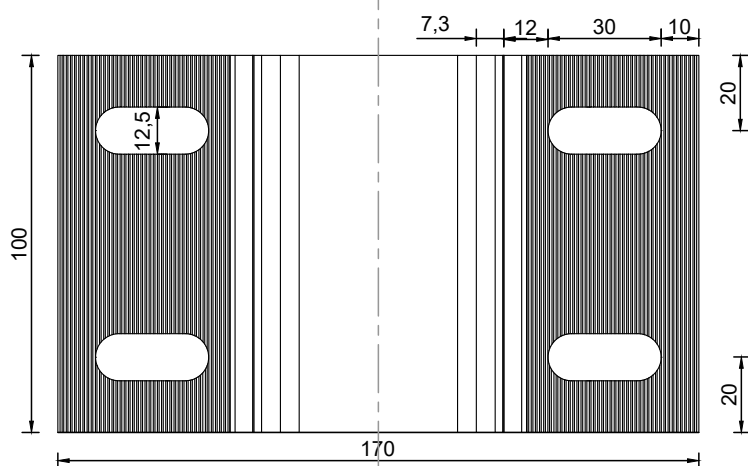
dip aluminium anchor vertical



21482

10 cm bracket

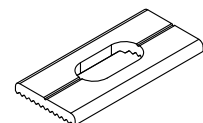
7.262 kg/m



21488

Washer profile

0.315 kg/m



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

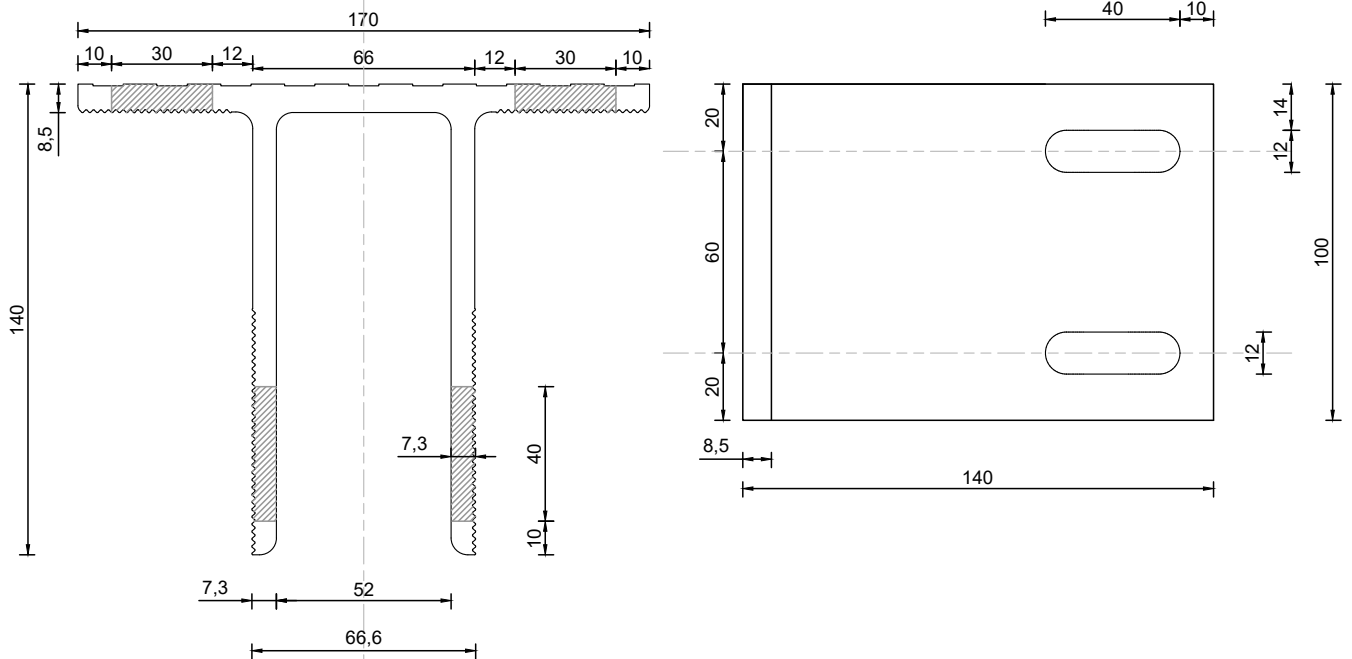
CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

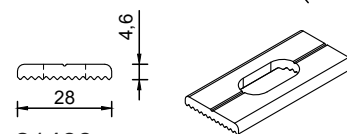
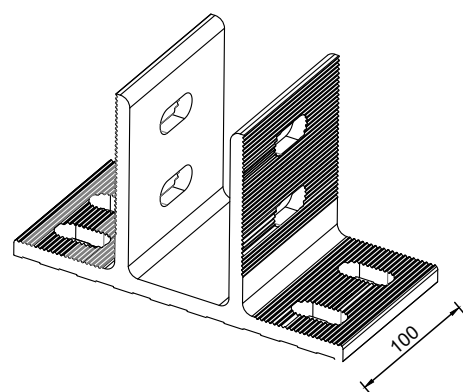
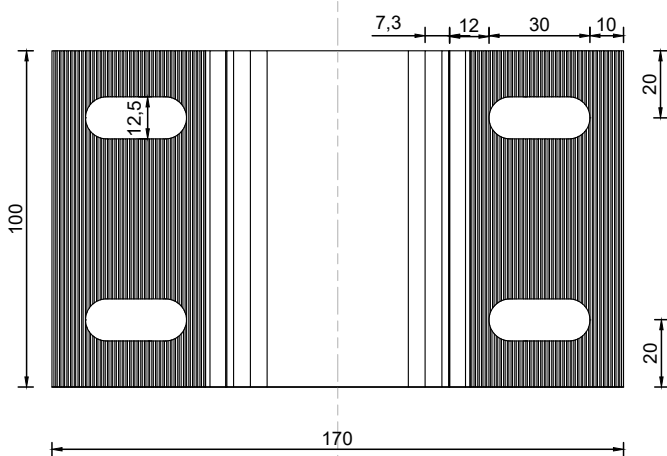
SKY LIGHT

dip aluminium anchor horizontal



21483
14 cm bracket

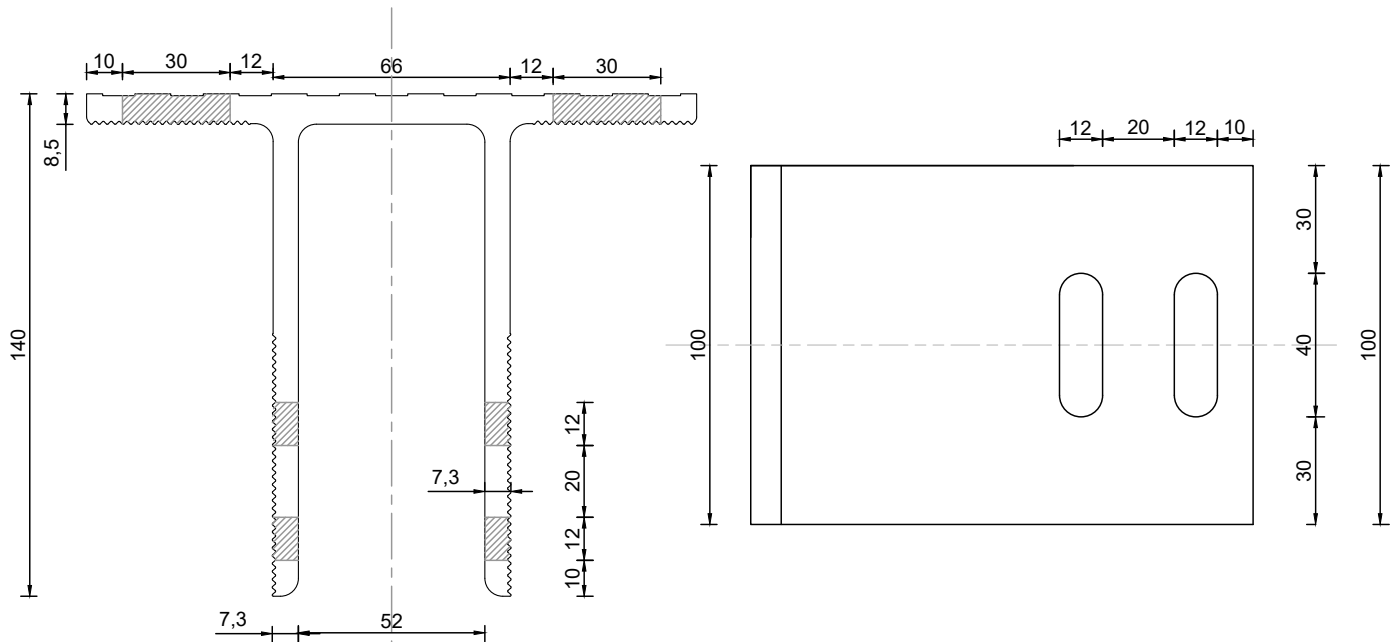
8.650 kg/m



21488
Washer profile

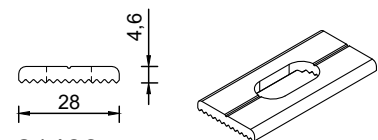
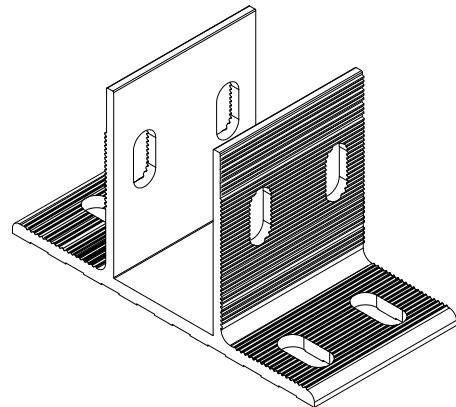
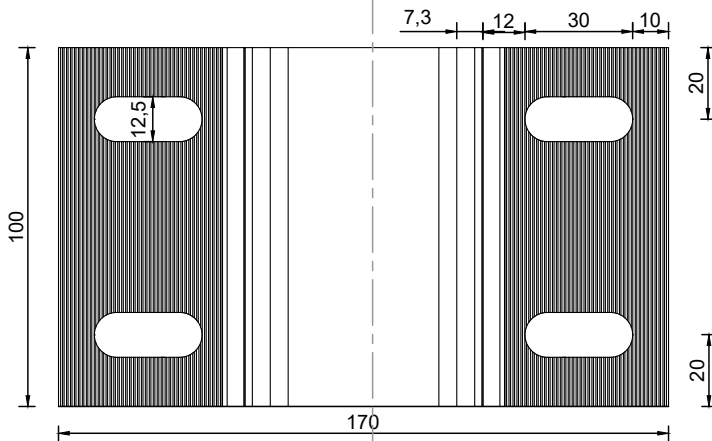
0.315 kg/m

dip aluminium anchor vertical



21483
14 cm bracket

8.650 kg/m



21488
Washer profile

0.315 kg/m

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

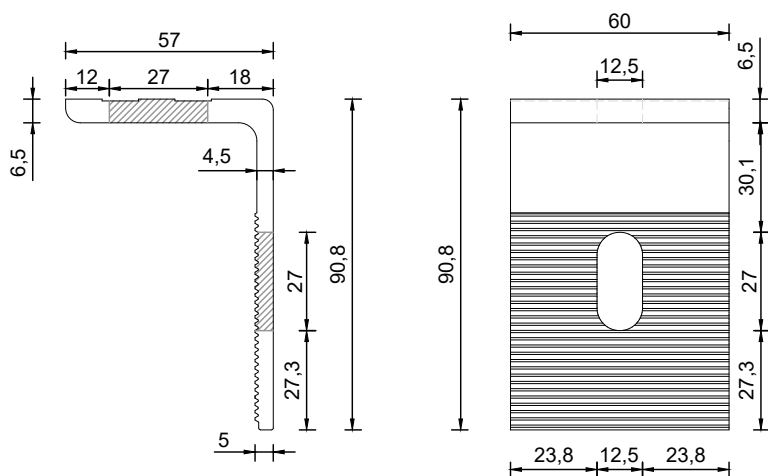
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

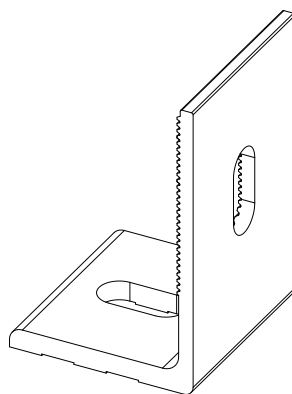
SKY LIGHT



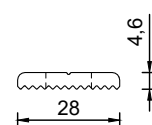
21487

L bracket

2.080kg/m



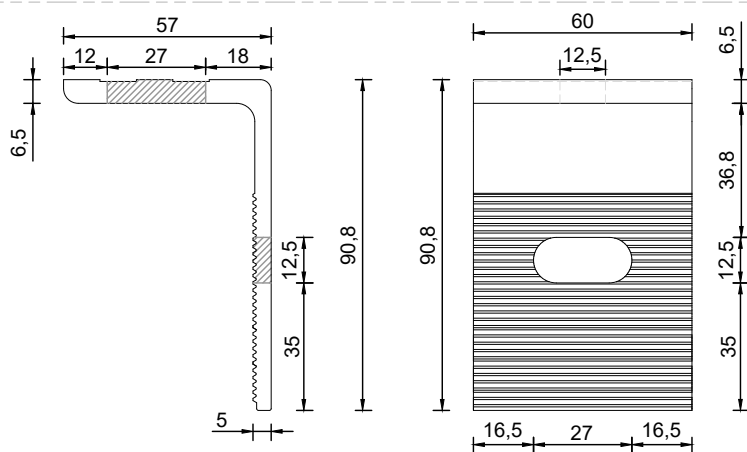
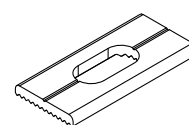
dip aluminium anchor horizontal



21488

frame profile

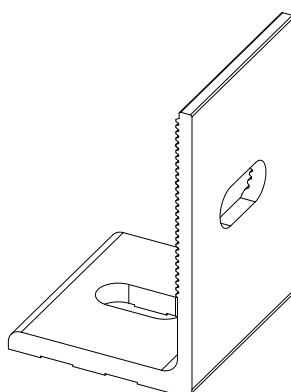
0.315 kg/m



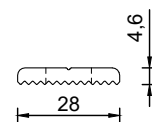
21487

L bracket

2.080kg/m



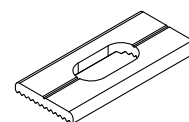
dip aluminium anchor vertical



21488

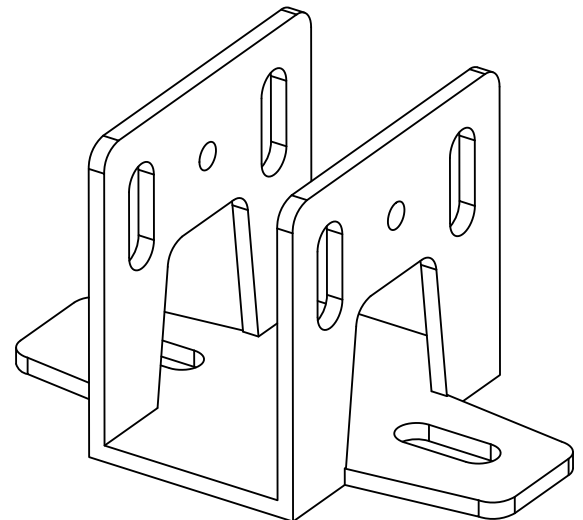
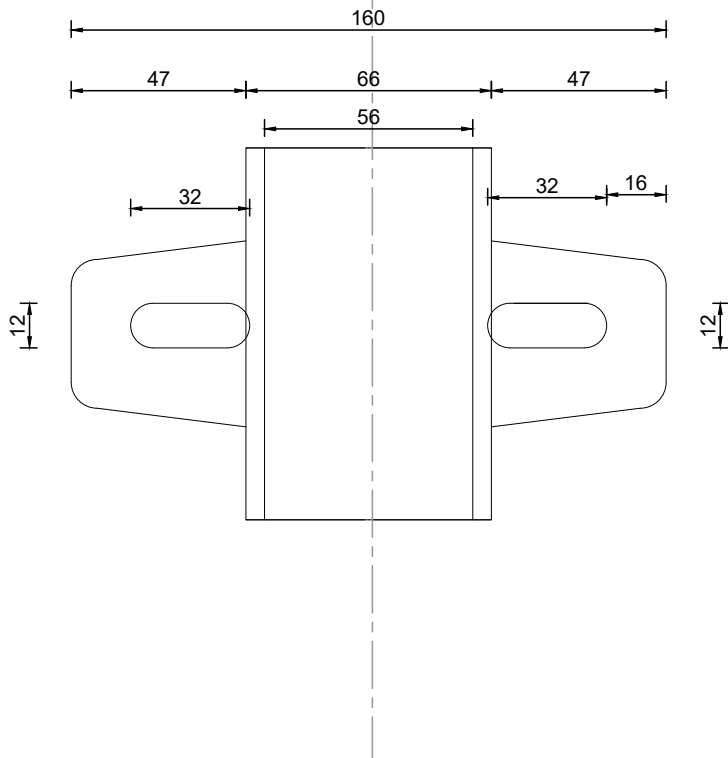
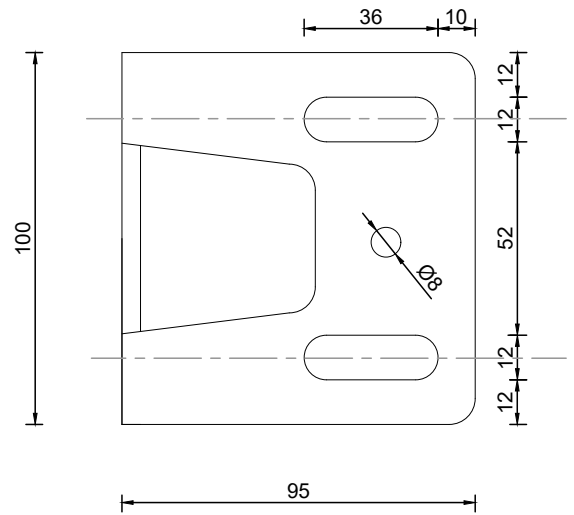
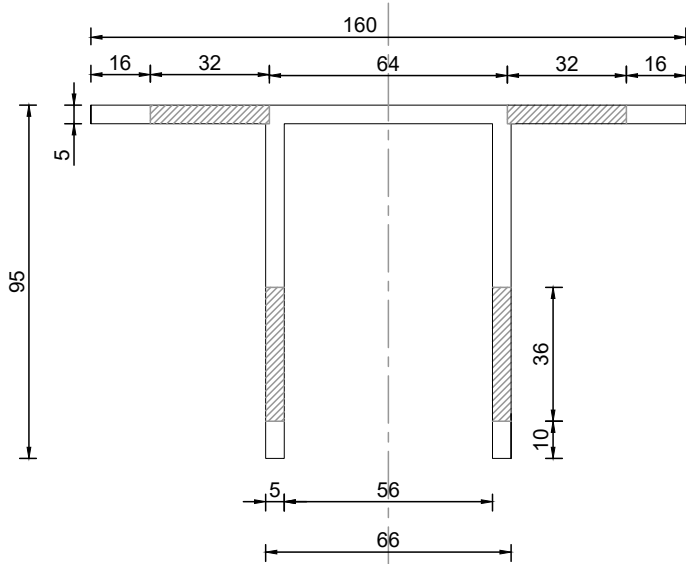
Washer profile

0.315 kg/m



dip galvanized anchor horizontal 4-5 mm

CODE :21711



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

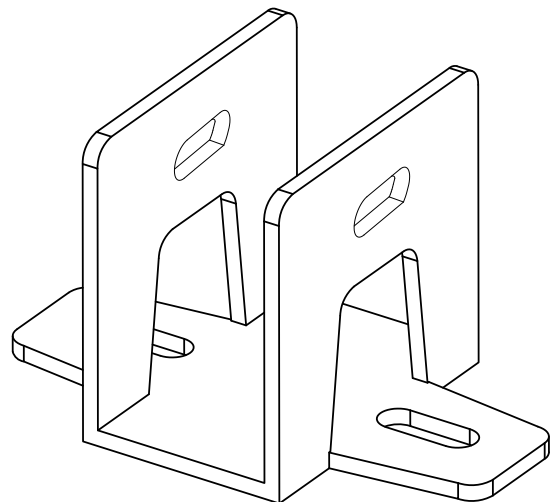
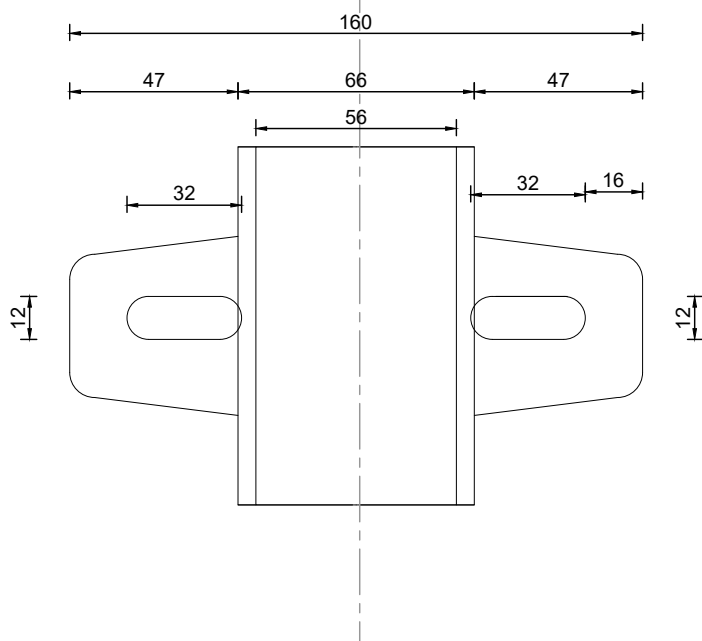
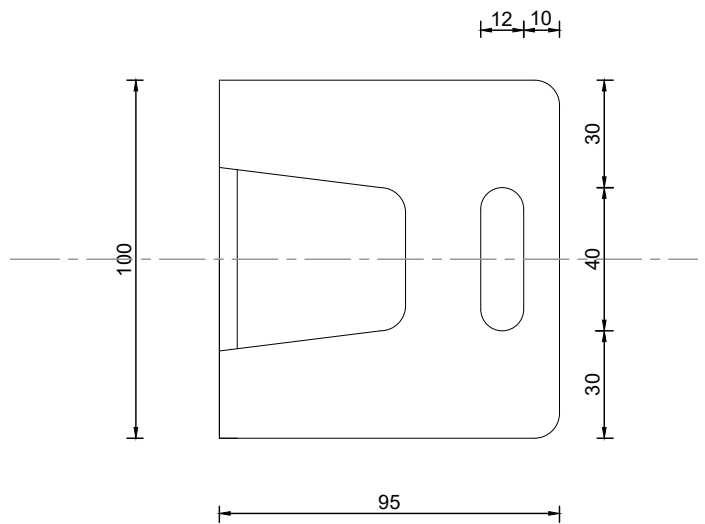
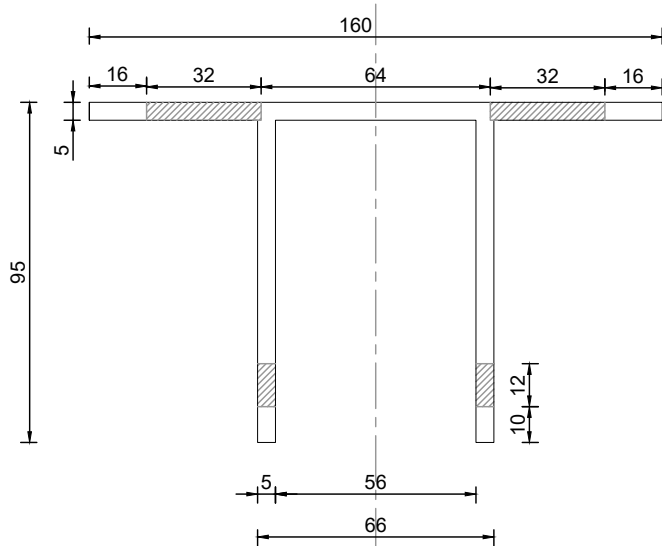
SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

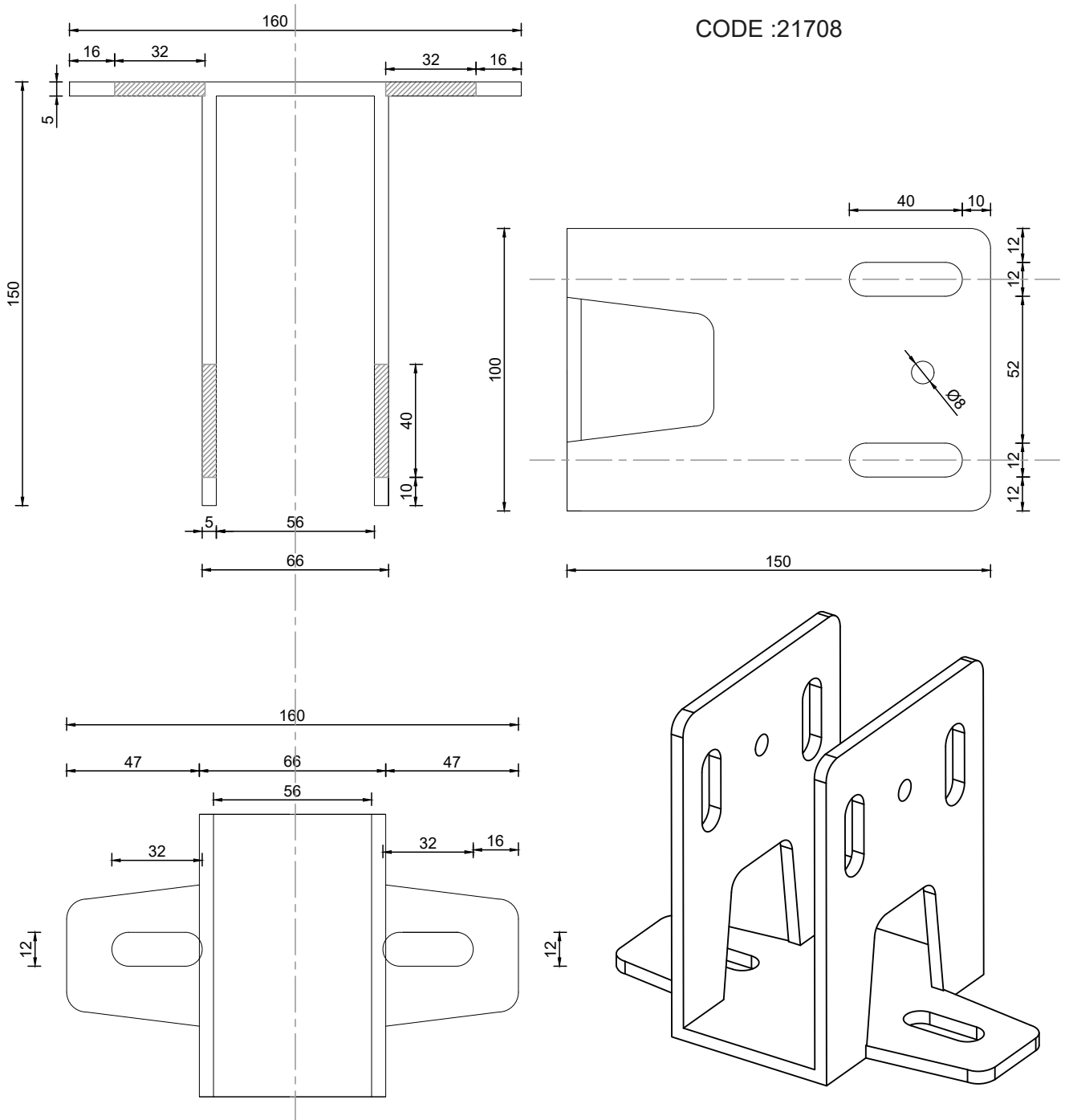
dip galvanized anchor vertical 4-5 mm

CODE :21710



dip galvanized anchor horizontal 5 mm

CODE :21708



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

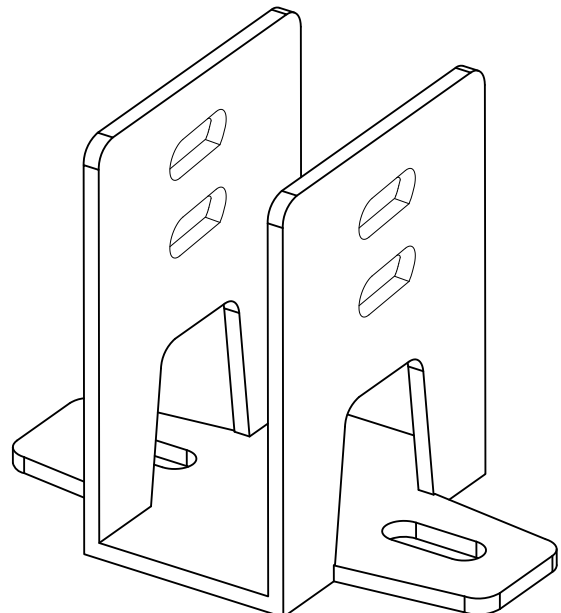
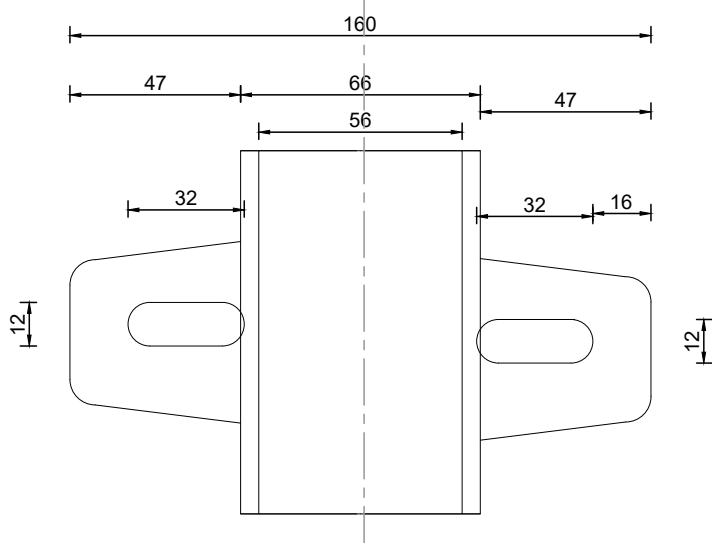
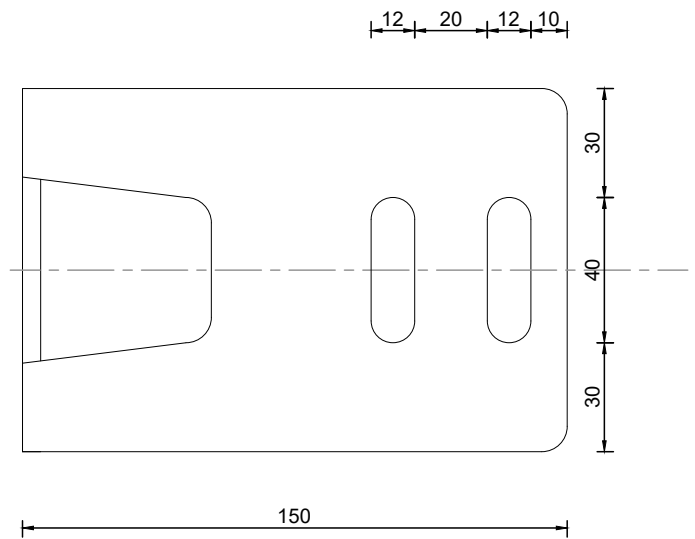
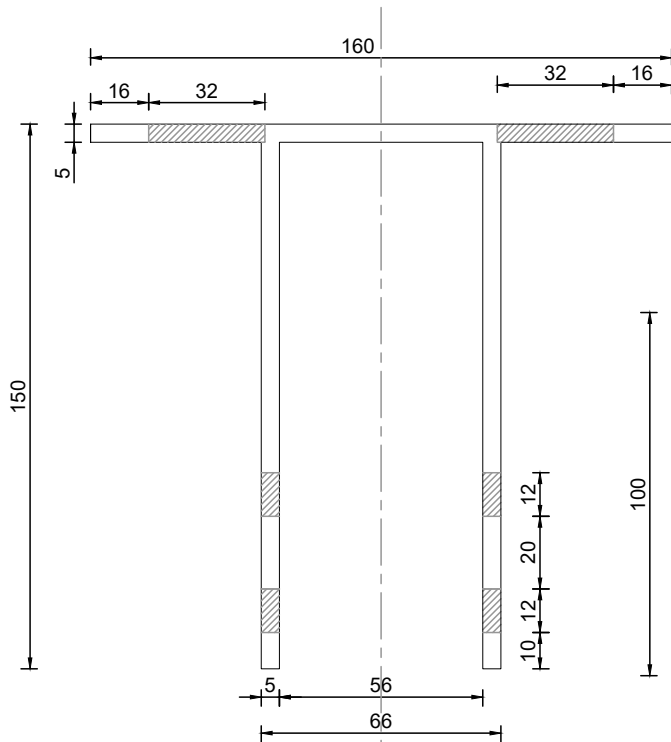
SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

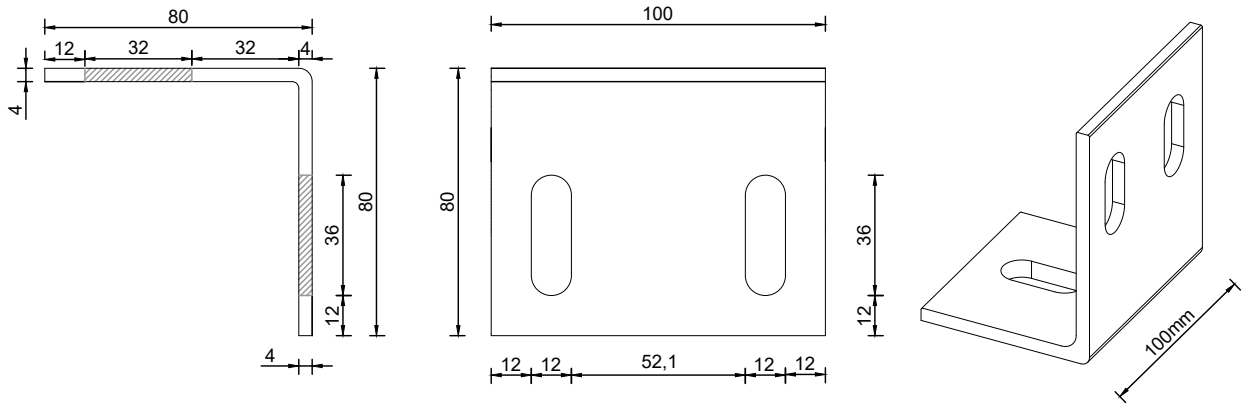
dip galvanized anchor vertical 5 mm

CODE :21709



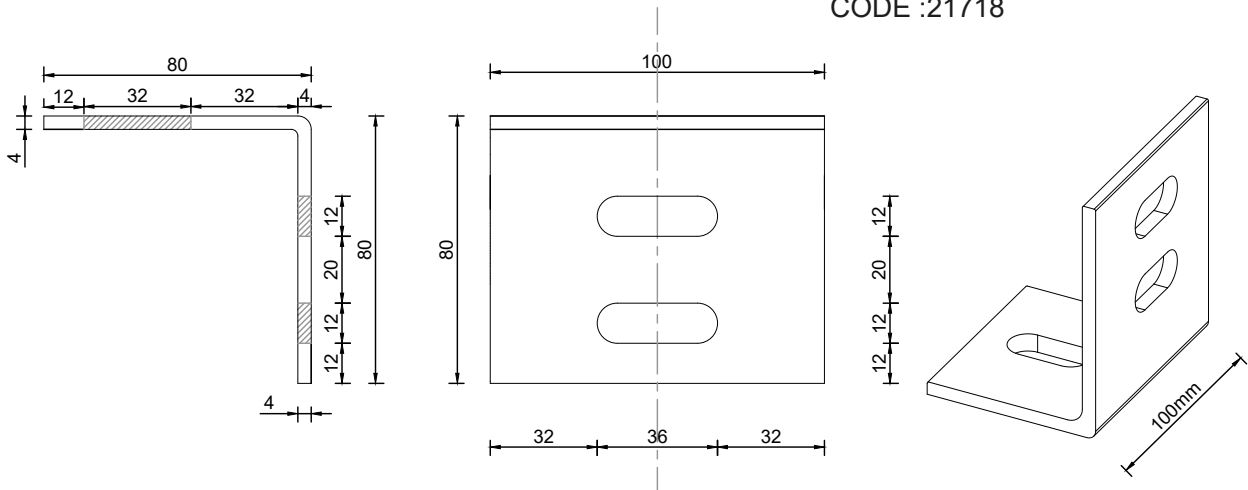
dip galvanized anchor horizontal 4 mm

CODE :21712



dip galvanized anchor vertical 4 mm

CODE :21718



CW65
FACE CAP

CW65
STRUCTURAL GLAZING

CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

HANDRAIL

SKY LIGHT

CW65
FACE CAP

CW65
STRUCTURAL GLAZING

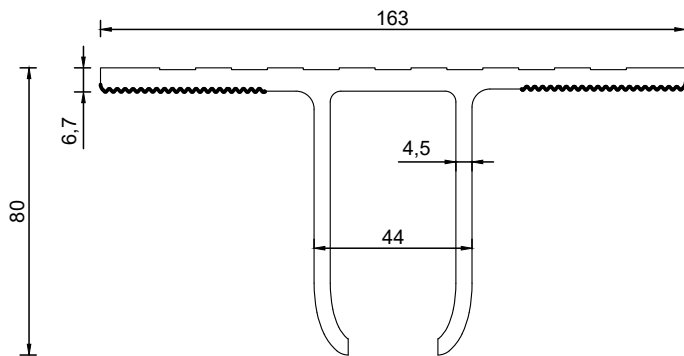
CW50
FACE CAP

CW50
STRUCTURAL GLAZING

SF-50T
SLIDING FOLDING

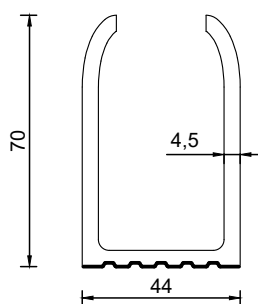
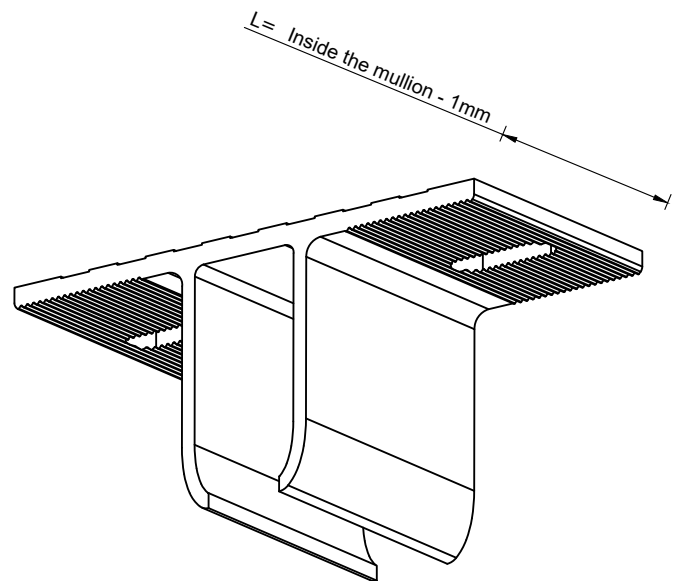
HANDRAIL

SKY LIGHT



21485
Mullion up bracket

4.680 kg/m



21484
Mullion bottom bracket

2.170 kg/m

