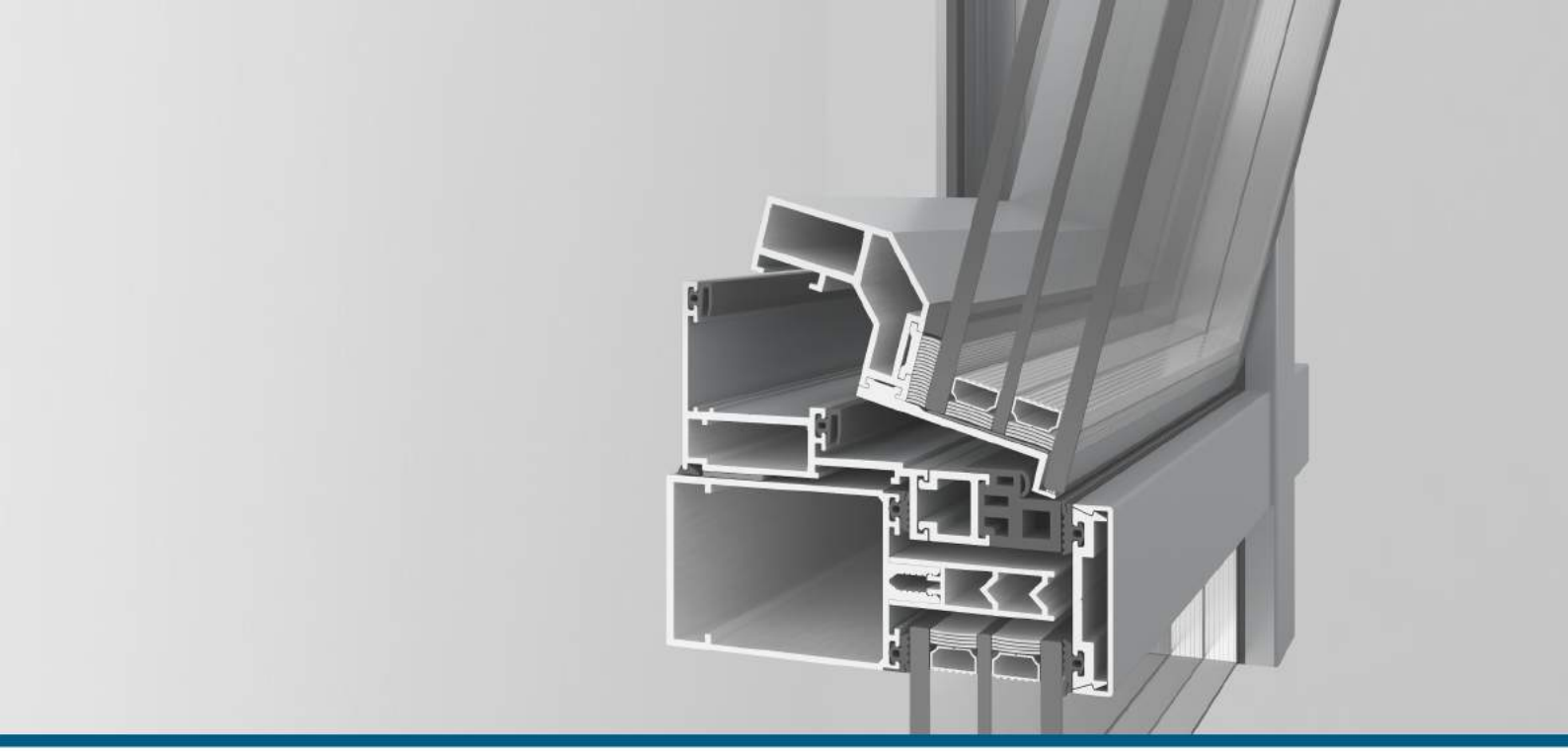

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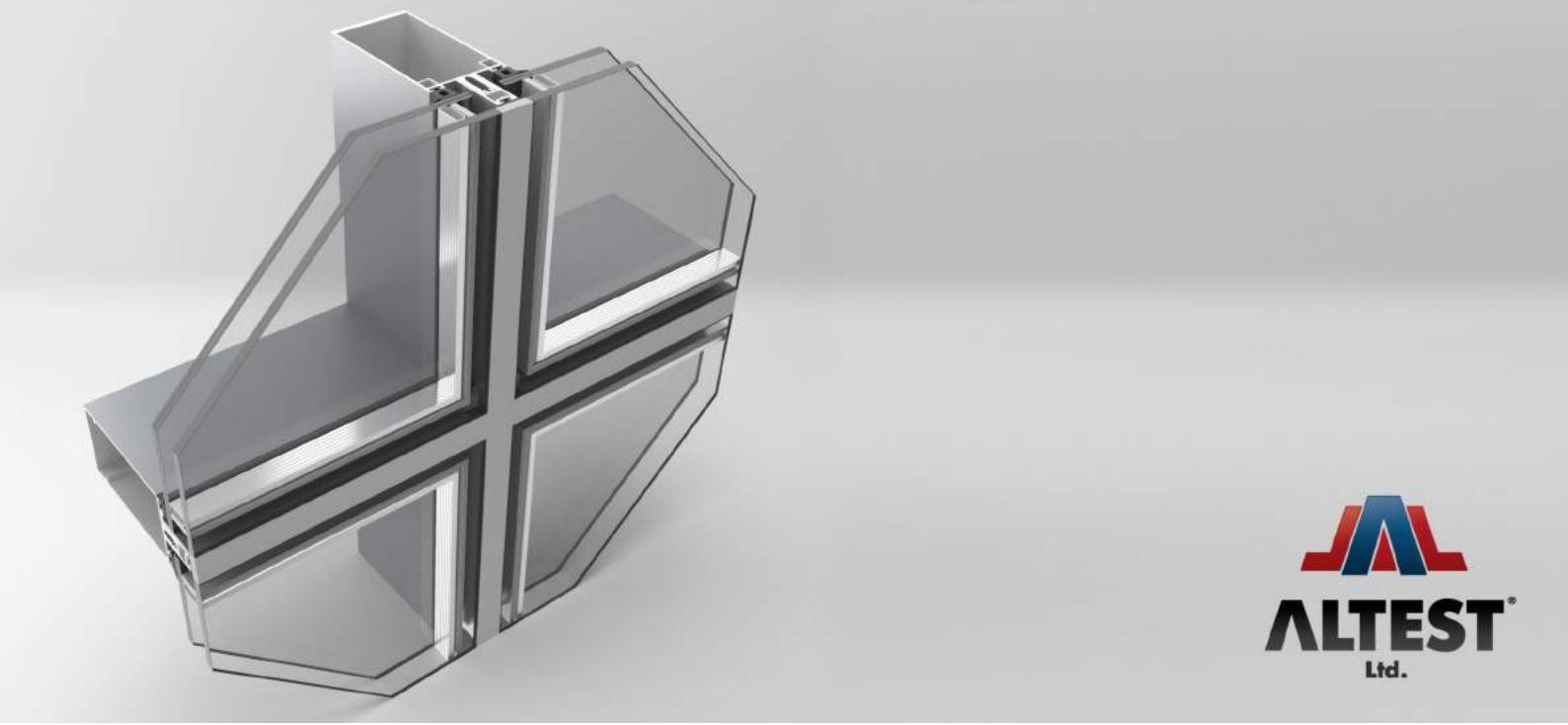

ALTEST Ltd.

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Curtain Wall system

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ATTENTION !

For faultless operation, please read carefully this catalogue!

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The profiles presented in the catalogue are patended and ALTEST Company has the exclusive rights. ALTEST Company reserves that right to modify the profiles and the presented sections at its own discretion. The system is equipped with full set of calculations made in accordance with the existing manufacturing requirements, presented in this catalogue.

In conclusion - use original ALTEST profiles in compliance with the peculiarities and the technical characteristics presented in this catalogue.

PROFILES OVERVIEW

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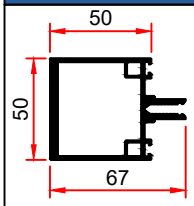
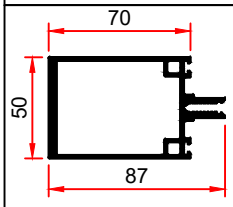
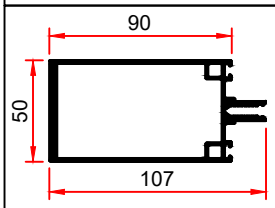
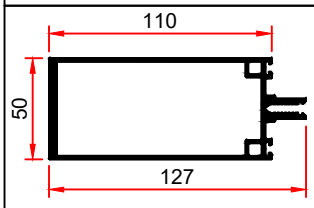
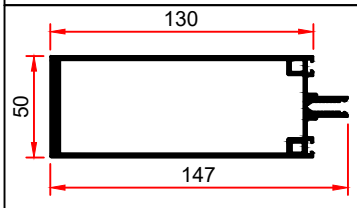
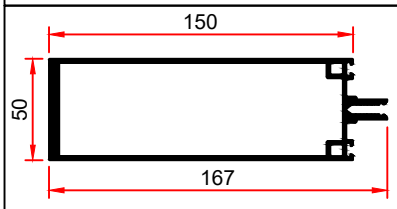
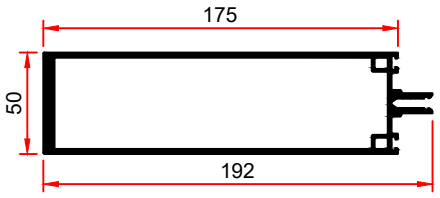
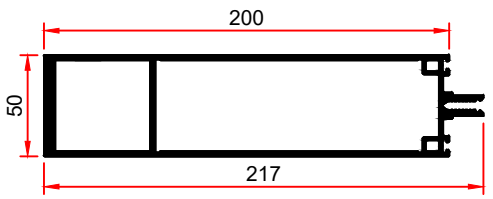
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

PROFILES OVERVIEW

Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0100 mullion	1675 gr/m 311 mm 226 mm	I_x=29.81 cm^4 I_y=16.93 cm^4 W_x=7.70 cm^3 W_y=6.77 cm^3
	01 0101 mullion	1913 gr/m 351 mm 262 mm	I_x=62.12 cm^4 I_y=21.65 cm^4 W_x=13.05 cm^3 W_y=8.66 cm^3
	01 0102 mullion	2100 gr/m 389 mm 303 mm	I_x=107.97 cm^4 I_y=25.75 cm^4 W_x=18.91 cm^3 W_y=10.30 cm^3
	01 0103 mullion	2295 gr/m 431 mm 342 mm	I_x=169.48 cm^4 I_y=29.93 cm^4 W_x=25.49 cm^3 W_y=11.97 cm^3
	01 0104 mullion	2767 gr/m 471 mm 376 mm	I_x=275.07 cm^4 I_y=37.74 cm^4 W_x=34.77 cm^3 W_y=15.10 cm^3
	01 0105 mullion	2982 gr/m 511 mm 416 mm	I_x=382.55 cm^4 I_y=42.34 cm^4 W_x=43.03 cm^3 W_y=16.94 cm^3
	01 0106 mullion	3737 gr/m 561 mm 464 mm	I_x=596.62 cm^4 I_y=56.69 cm^4 W_x=57.64 cm^3 W_y=22.68 cm^3
	01 0107 mullion	4377 gr/m 611 mm 602 mm	I_x=847.25 cm^4 I_y=65.45 cm^4 W_x=71.08 cm^3 W_y=26.18 cm^3

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

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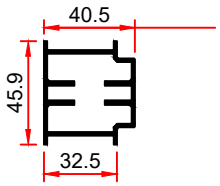
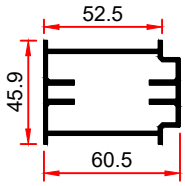
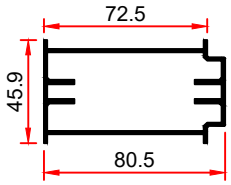
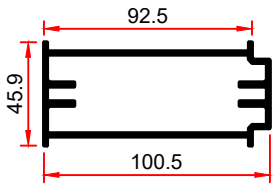
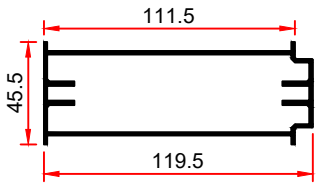
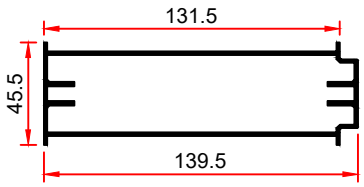
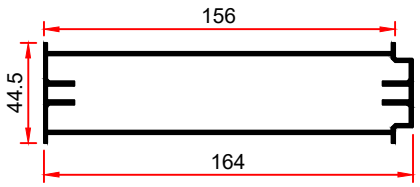
PROFILES OVERVIEW

Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0400 Insert for *01 0100*	938 gr/m 188 mm 237 mm	I_x=7.69 cm^4 I_y=6.00 cm^4 W_x=3.68 cm^3 W_y=2.61 cm^3
	01 0401 Insert for *01 0101*	1101 gr/m 228 mm 277 mm	I_x=20.93 cm^4 I_y=7.99 cm^4 W_x=6.84 cm^3 W_y=3.47 cm^3
	01 0402 Insert for *01 0102*	1263 gr/m 268 mm 317 mm	I_x=42.30 cm^4 I_y=9.98 cm^4 W_x=10.37 cm^3 W_y=4.36 cm^3
	01 0403 Insert for *01 0103*	1426 gr/m 308 mm 357 mm	I_x=72.97 cm^4 I_y=11.96 cm^4 W_x=14.36 cm^3 W_y=5.22 cm^3
	01 0404 Insert for *01 0104*	1577 gr/m 345 mm 394 mm	I_x=111.52 cm^4 I_y=13.55 cm^4 W_x=18.52 cm^3 W_y=5.94 cm^3
	01 0405 Insert for *01 0105* *& 01 0107*	1740 gr/m 385 mm 434 mm	I_x=163.70 cm^4 I_y=15.50 cm^4 W_x=23.32 cm^3 W_y=6.80 cm^3
	01 0406 Insert for *01 0106*	1931 gr/m 432 mm 481 mm	I_x=243.45 cm^4 I_y=16.92 cm^4 W_x=29.54 cm^3 W_y=7.59 cm^3

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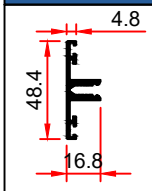
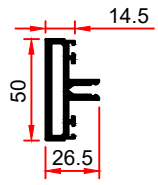
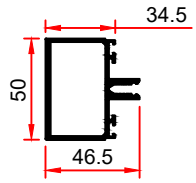
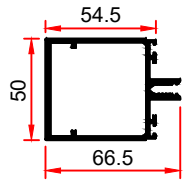
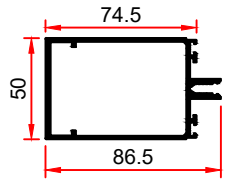
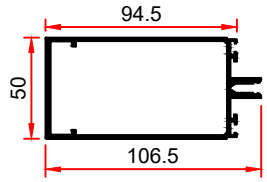
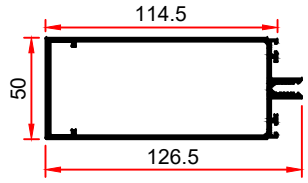
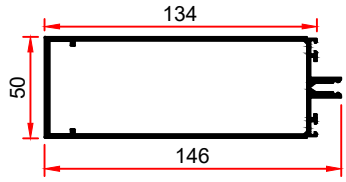
PROFILES OVERVIEW

Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0313 transom	505 gr/m 204 mm	I_x=2.55 cm^4 I_y=0.39 cm^4 W_x=1.05 cm^3 W_y=0.32 cm^3
	01 0310 transom	946 gr/m 226 mm 105 mm	I_x=1.69 cm^4 I_y=6.93 cm^4 W_x=0.95 cm^3 W_y=2.77 cm^3
	01 0311 transom	1141 gr/m 266 mm 145 mm	I_x=9.43 cm^4 I_y=11.12 cm^4 W_x=3.57 cm^3 W_y=4.45 cm^3
	01 0300 transom	1377 gr/m 306 mm 195 mm	I_x=26.02 cm^4 I_y=16.06 cm^4 W_x=7.21 cm^3 W_y=6.42 cm^3
	01 0301 transom	1575 gr/m 346 mm 235 mm	I_x=52.64 cm^4 I_y=20.25 cm^4 W_x=11.54 cm^3 W_y=8.10 cm^3
	01 0302 transom	1767 gr/m 386 mm 275 mm	I_x=90.84 cm^4 I_y=24.43 cm^4 W_x=16.43 cm^3 W_y=9.77 cm^3
	01 0303 transom	2013 gr/m 426 mm 314 mm	I_x=143.49 cm^4 I_y=29.63 cm^4 W_x=22.08 cm^3 W_y=11.85 cm^3
	01 0304 transom	2220 gr/m 466 mm 354 mm	I_x=210.29 cm^4 I_y=34.03 cm^4 W_x=28.15 cm^3 W_y=13.61 cm^3

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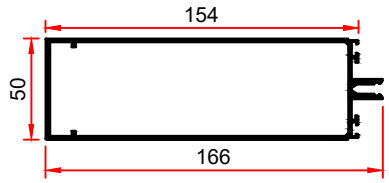
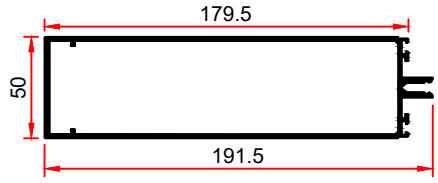
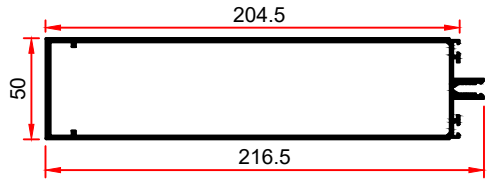
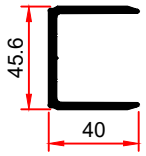
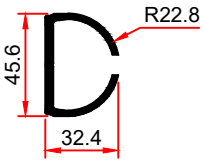
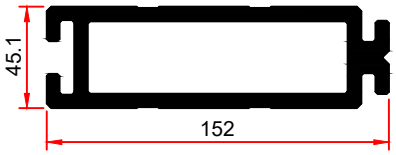
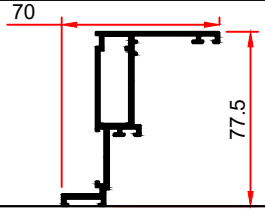
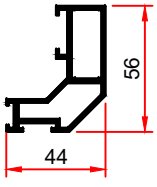
PROFILES OVERVIEW

Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0305 transom	2499 gr/m 506 mm 394 mm	I_x=297.52 cm^4 I_y=39.85 cm^4 W_x=35.21 cm^3 W_y=15.94 cm^3
	01 0306 transom	2769 gr/m 556 mm 444 mm	I_x=429.55 cm^4 I_y=45.61 cm^4 W_x=44.38 cm^3 W_y=18.24 cm^3
	01 0307 transom	3041 gr/m 606 mm 494 mm	I_x=593.50 cm^4 I_y=51.38 cm^4 W_x=54.35 cm^3 W_y=20.55 cm^3
	01 0700 transom connector	974 gr/m 273 mm - mm	I_x=11.82 cm^4 I_y=5.34 cm^4 W_x=5.18 cm^3 W_y=1.95 cm^3
	01 0701 transom connector	919 gr/m 237 mm - mm	I_x=8.15 cm^4 I_y=3.97 cm^4 W_x=3.57 cm^3 W_y=1.89 cm^3
	01 0710 roof connector	6900 gr/m 483 mm 293 mm	I_x=629.48 cm^4 I_y=73.48 cm^4 W_x=82.18 cm^3 W_y=32.51 cm^3
	01 0601 frame for outwards projecting window	1269 gr/m 376 mm 107 mm	I_x=31.46 cm^4 I_y=10.52 cm^4 W_x=6.82 cm^3 W_y=2.45 cm^3
	01 0602 sash for outwards projecting window	1118 gr/m 240 mm 190 mm	I_x=13.10 cm^4 I_y=6.74 cm^4 W_x=4.20 cm^3 W_y=2.53 cm^3

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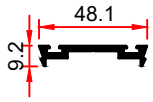
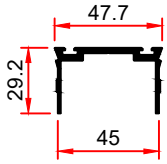
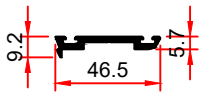
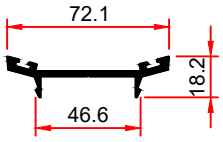
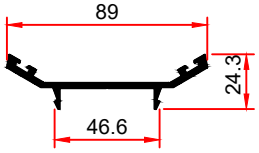
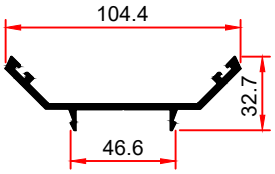
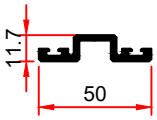
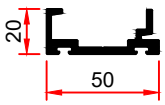
PROFILES OVERVIEW

Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0500 pressure plate	447 gr/m 147 mm	
	01 0510 pressure plate	618 gr/m 228 mm	
	01 0520 pressure plate	405 gr/m 136 mm	
	01 0531 pressure plate for 5°-15° angle	702 gr/m 224 mm	
	01 0532 pressure plate for 15°-30° angle	836 gr/m 266 mm	
	01 0533 pressure plate for 30°-45° angle	992 gr/m 316 mm	
	01 0506	587 gr/m 170 mm	
	01 0522 pressure plate for rainwater pipe	767 gr/m 211 mm - mm	

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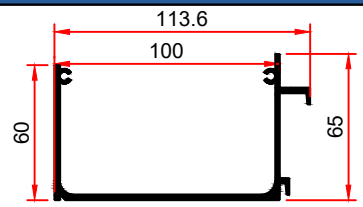
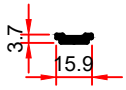
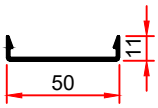
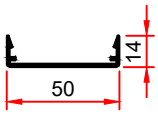
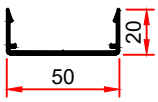
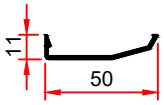
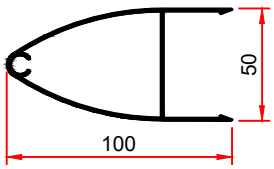
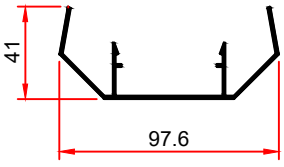
Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0523 rainwater pipe	1684 gr/m 529 mm - mm	
	01 0603 rod for outwards projecting window	119 gr/m 39 mm - mm	
	01 0501 cover cap	280 gr/m 140 mm	
	01 0502 cover cap	322 gr/m 162 mm	
	01 0503 cover cap	363 gr/m 187 mm	
	01 0521 cover cap	257 gr/m 129 mm	
	01 0512 cover cap	1123 gr/m 325 mm 211 mm	
	300 1455 cover cap	797 gr/m 416 mm	

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

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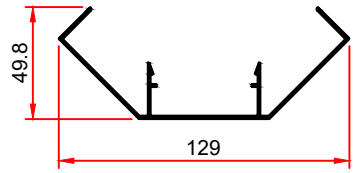
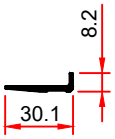
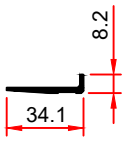
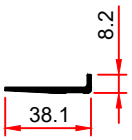
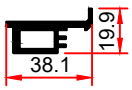
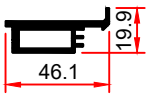
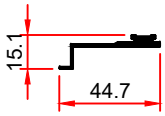
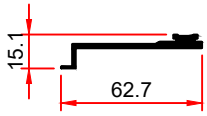
PROFILES OVERVIEW

Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	300 1456 cover cap	938 gr/m 497 mm	
	01 0731 glazing shim *24/26mm glass*	186 gr/m 74 mm	
	01 0732 glazing shim *28/30mm glass*	206 gr/m 83 mm - mm	
	01 0733 glazing shim *32/34mm glass*	225 gr/m 91 mm - mm	
	01 0743 glazing shim *36 mm glass*	609 gr/m 130 mm 47 mm	
	01 0744 glazing shim *44 mm glass*	737 gr/m 146 mm 63 mm	
	01 0604 glazing shim for outwards projecting window	295 gr/m 122 mm	
	01 0606 glazing shim for outwards projecting window	489 gr/m 158 mm	

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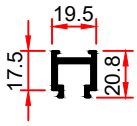
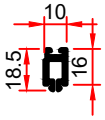
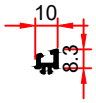
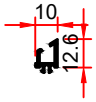
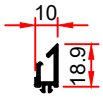
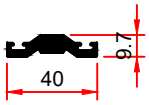
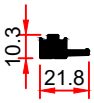
Profile shape	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0607 spacer for outwards projecting window *17.5 mm*	372 gr/m 132 mm - mm	
	01 0621 spacer *16 mm*	198 gr/m 108 mm - mm	
	01 0623 spacer 5°-15°	99 gr/m 65 mm - mm	
	01 0624 spacer 15°-30°	126 gr/m 78 mm - mm	
	01 0625 spacer 30°-45°	170 gr/m 99 mm - mm	
	01 0630 suppl. profile for sealing membrane	152 gr/m 98 mm - mm	
	01 0640 glazing clip for structural glazing	608 gr/m 119 mm - mm	
	01 0641 glazing clip for structural glazing	355 gr/m 67 mm - mm	

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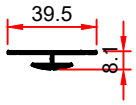
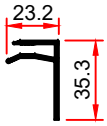
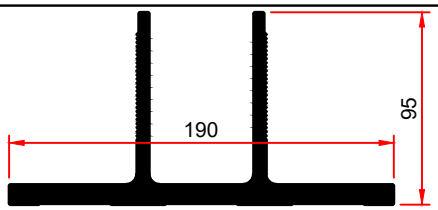
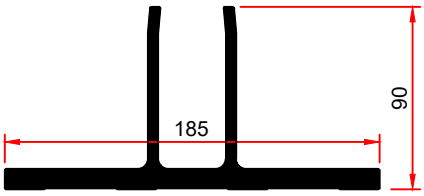
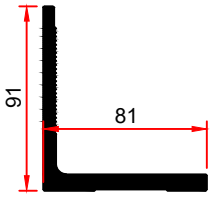
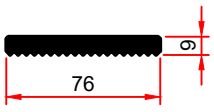
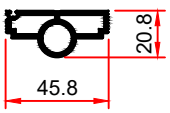
	Profile code / Description	Weight / ext. P / vis. P	Statical values
	01 0650 T-profile for etalbond	239 gr/m 126 mm - mm	
	01 0651 F-profile for etalbond	380 gr/m 154 mm - mm	
	01 0720 fixing brackets profile	7742 gr/m 772 mm - mm	I_x=199.01 cm^4 I_y=640.13 cm^4 W_x=26.97 cm^3 W_y=67.38 cm^3
	01 0722 fixing brackets profile	7092 gr/m 701 mm - mm	I_x=155.56 cm^4 I_y=546.27 cm^4 W_x=21.88 cm^3 W_y=59.06 cm^3
	01 0723 fixing brackets profile	3022 gr/m 361 mm - mm	I_x=81.69 cm^4 I_y=73.20 cm^4 W_x=12.07 cm^3 W_y=12.89 cm^3
	01 0724 suppl. pad for fixing brackets	412 gr/m 98 mm - mm	
	01-3 profile for the spring joint *APE 14*	745 gr/m 138 mm 145 mm	

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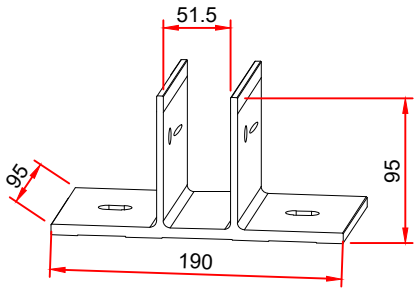
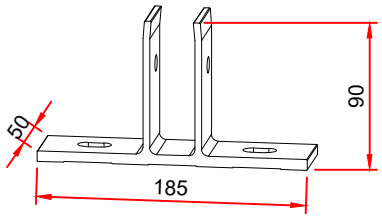
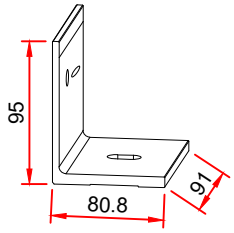
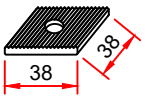
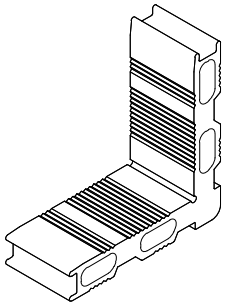
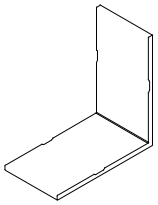
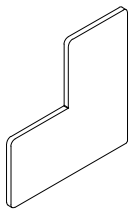
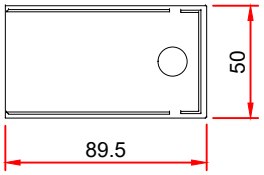
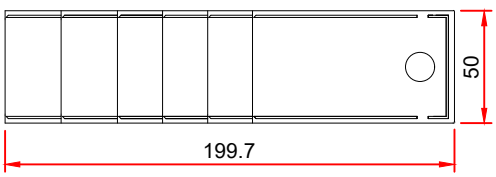
ACCESSORIES

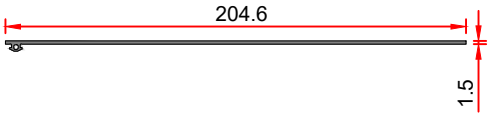
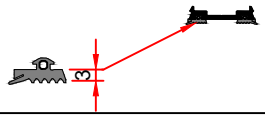
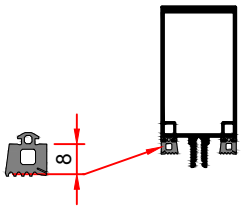
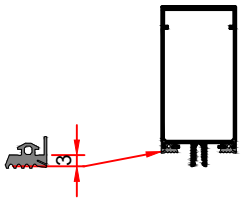
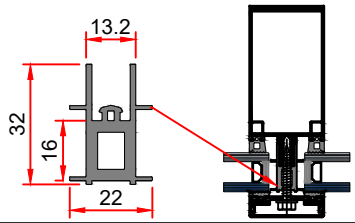
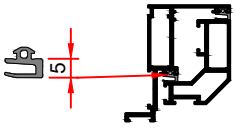
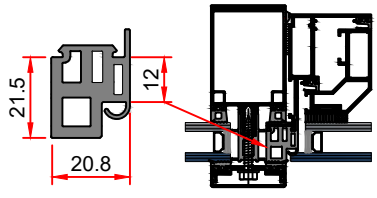
ACCESSORIES OVERVIEW

Code	Description	Shape
AKA 006	Fixing bracket from profile 01 0720	
AKA 007	Fixing bracket from profile 01 0722	
AKA 008	Fixing bracket from profile 01 0723	
AKA 009	Supplying pad for the fixing brackets (from profile 01 0724)	

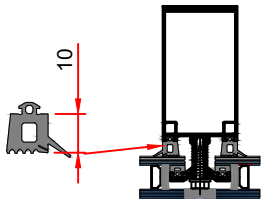
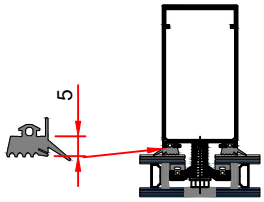
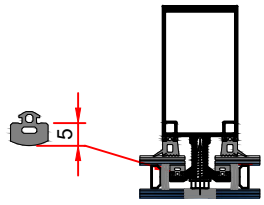
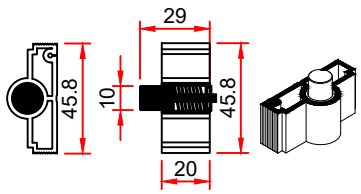
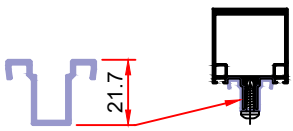
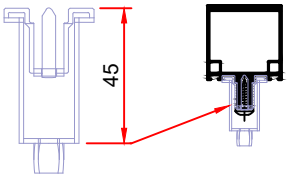
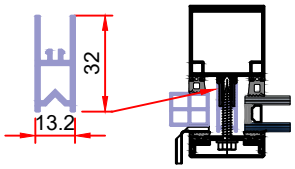
ACCESSORIES OVERVIEW

Code	Description	Shape
CW0111/for profile 01.0601/ CW0110/for profile 01.0602/	Press corner for outwards projecting window	
CW0121/for profile 01.0601/ CW0120/for profile 01.0602/	Press corner for outwards projecting window	
APE 710 /for profile 01.0601/	Steel corner for outwards projecting window	
APE 141	EPDM muff between mullion & transom	
APE 1411	EPDM muff between mullion & transom (for transoms 01 0303/04/05/06/07)	

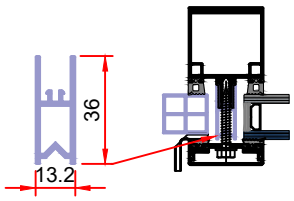
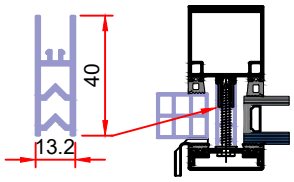
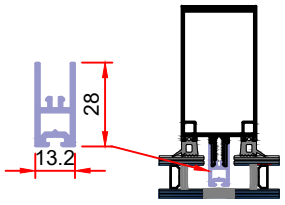
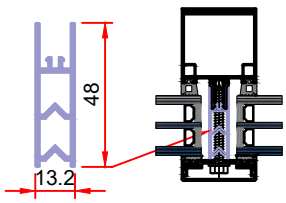
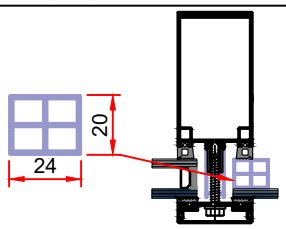
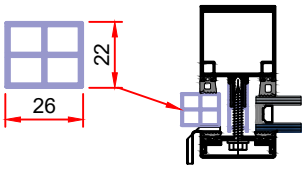
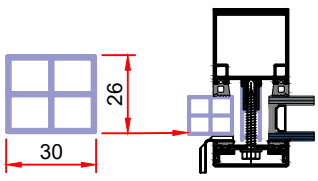
ACCESSORIES OVERVIEW

Code	Description	Shape
US 11.1501	EPDM gasket for hydro insulation	
US 11.1000	EPDM glazing gasket-3mm /for pressure plates/	
US 11.1008	EPDM glazing gasket-8mm /for mullions/	
US 11.1003	EPDM glazing gasket-8mm /for transoms/	
US 11.1600	EPDM thermal insulation gasket /for mullions & transoms/	
US 11.1400	Outwards projecting window EPDM gasket	
US 11.1404	Outwards projecting window EPDM gasket	

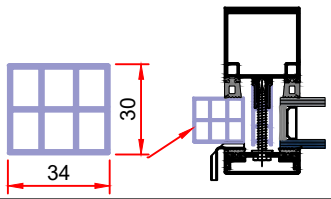
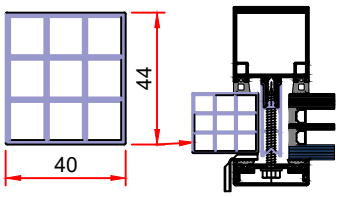
ACCESSORIES OVERVIEW

Code	Description	Shape
US 11.1110	EPDM gasket for structural glazing-10.5mm /for mullions/	
US 11.1105	EPDM gasket for structural glazing-5.5mm /for transoms/	
US 11.1106	EPDM gasket for structural glazing-6mm /for the glazing clip/	
APE140	Spring joint for transoms /inserted in the opening of 01-3 profile 01 0703 + 01 0704 profile /	
APE143	PVC grainage profile	
APE142	PVC grainage profile	
CW21 10.1501	PVC thermal insulation spacer	

ACCESSORIES OVERVIEW

Code	Description	Shape
CW22 10.1502	PVC thermal insulation spacer	
CW23 10.1503	PVC thermal insulation spacer	
CW24 10.1504	PVC thermal insulation spacer	
CW20 10.1506	PVC thermal insulation spacer	
CW25 10.1601	PVC thermal insulation spacer - 20x24 mm	
CW26 10.1602	PVC thermal insulation spacer - 22x26 mm	
CW27 10.1603	PVC thermal insulation spacer - 26x30 mm	

ACCESSORIES OVERVIEW

Code	Description	Shape
CW28 10.1604	PVC thermal insulation spacer - 30x34 mm	
CW29 10.1605	PVC thermal insulation spacer - 40x44 mm	

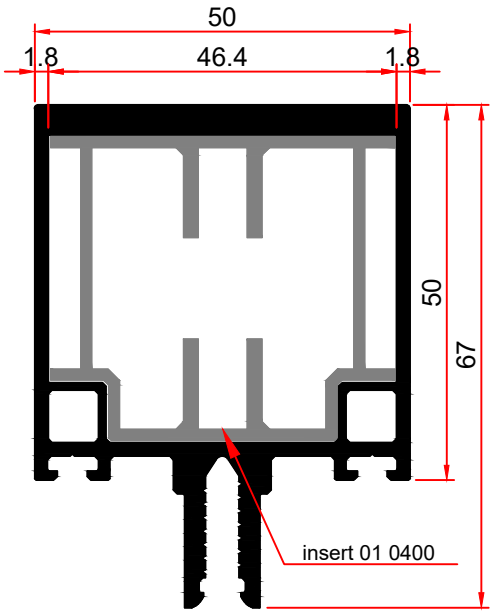
PROFILES

CW 50
Curtain Wall system

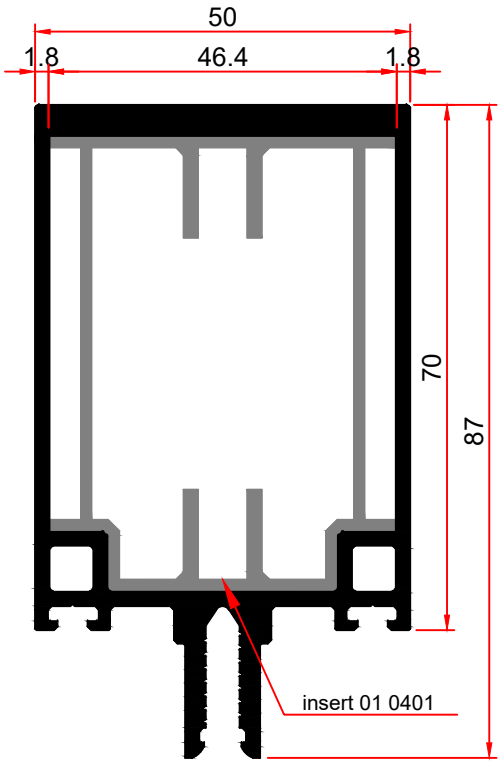
ALTEST®
ALUMINIUM PROFILES SYSTEM

MULLIONS

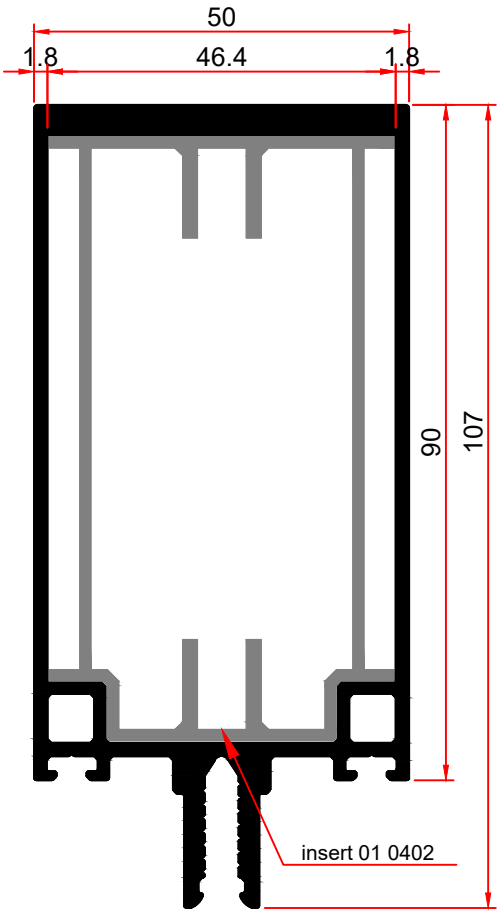
01 0100



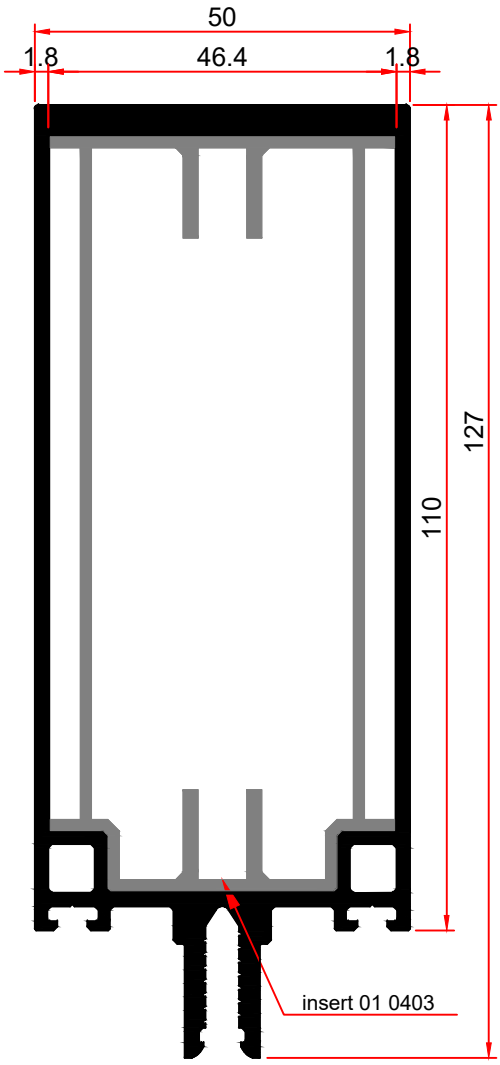
01 0101



01 0102



01 0103



Profile code	Weight / ext. P / vis. P	Statical values
01 0100	1675 gr/m 311 mm 226 mm	I_x=29.81 cm^4 I_y=16.93 cm^4 W_x=7.70 cm^3 W_y=6.77 cm^3
01 0101	1913 gr/m 351 mm 262 mm	I_x=62.12 cm^4 I_y=21.65 cm^4 W_x=13.05 cm^3 W_y=8.66 cm^3
01 0102	2100 gr/m 389 mm 303 mm	I_x=107.97 cm^4 I_y=25.75 cm^4 W_x=18.91 cm^3 W_y=10.30 cm^3
01 0103	2295 gr/m 431 mm 342 mm	I_x=169.48 cm^4 I_y=29.93 cm^4 W_x=25.49 cm^3 W_y=11.97 cm^3

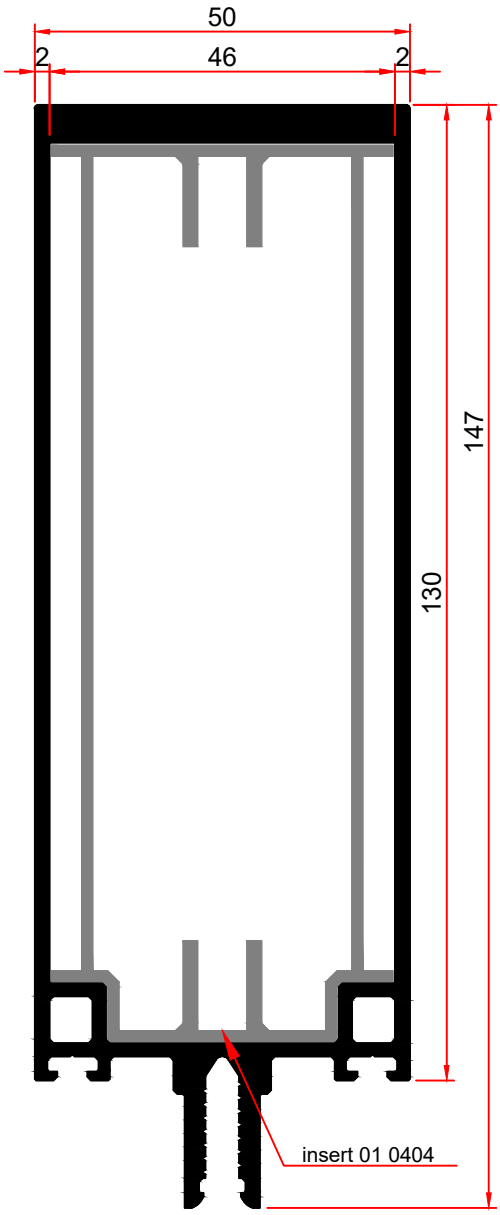
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

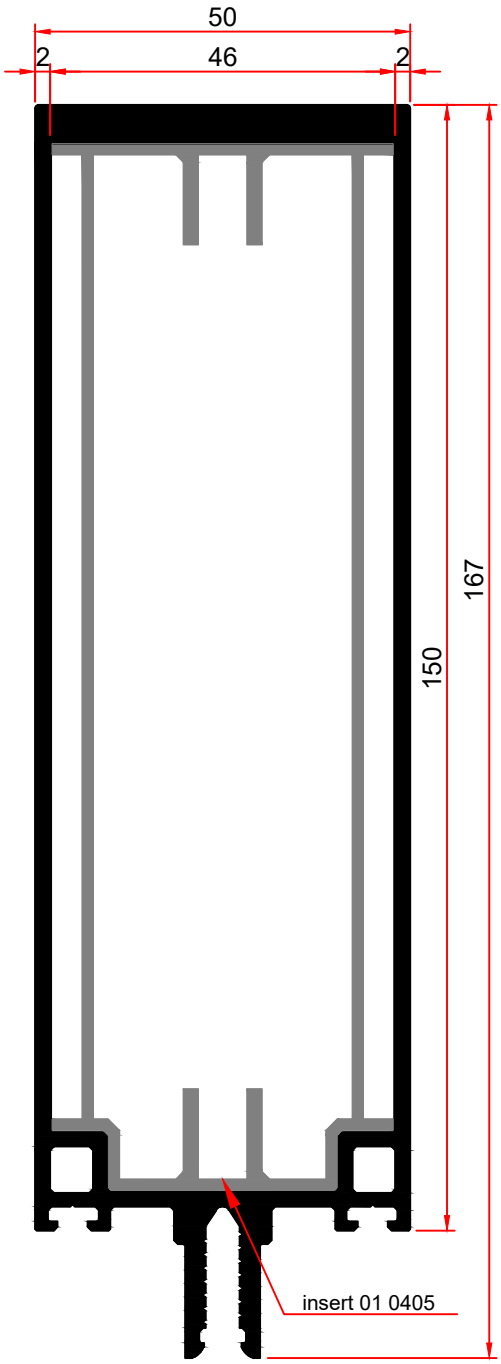
ALTEST®
ALUMINIUM PROFILES SYSTEM

MULLIONS

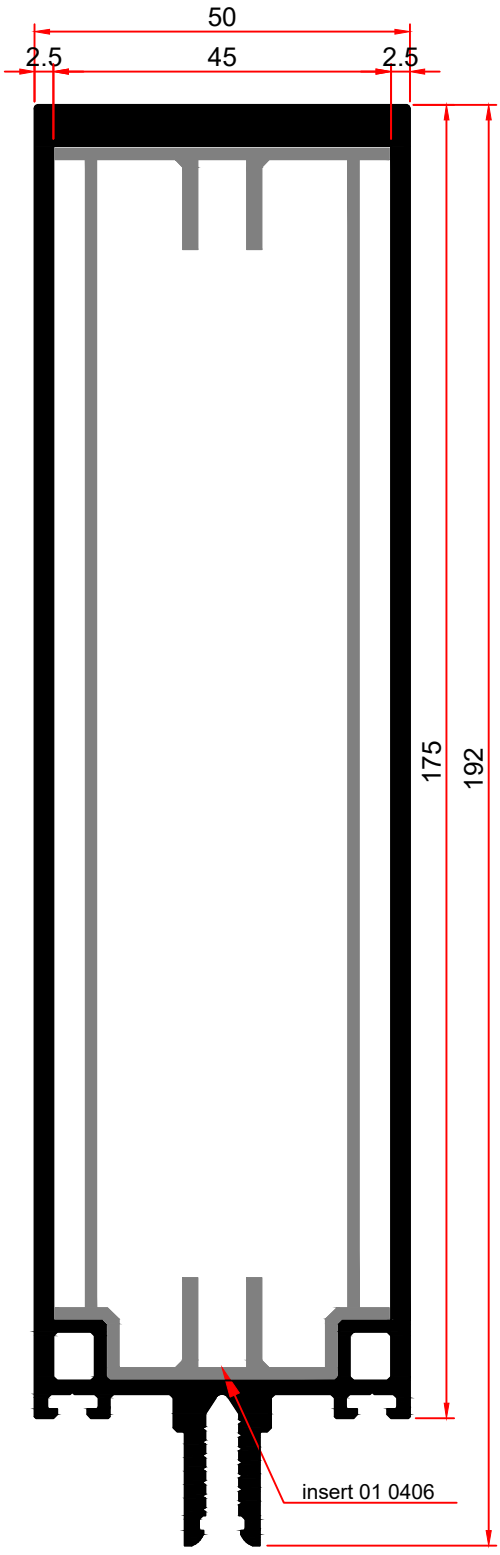
01 0104



01 0105



01 0106



Profile code	Weight / ext. P / vis. P	Statical values
01 0104	2767 gr/m 471 mm 376 mm	I_x=275.07 cm^4 I_y=37.74 cm^4 W_x=34.77 cm^3 W_y=15.10 cm^3
01 0105	2982 gr/m 511 mm 416 mm	I_x=382.55 cm^4 I_y=42.34 cm^4 W_x=43.03 cm^3 W_y=16.94 cm^3
01 0106	3737 gr/m 561 mm 464 mm	I_x=596.62 cm^4 I_y=56.69 cm^4 W_x=57.64 cm^3 W_y=22.68 cm^3

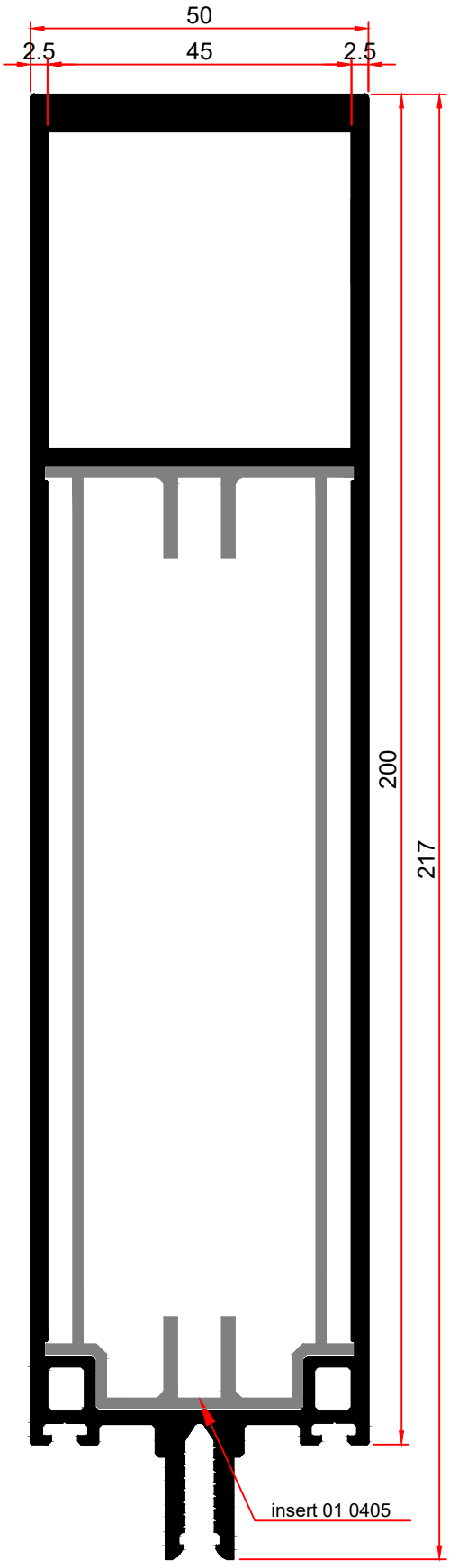
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

MULLIONS

01 0107



Profile code	Weight / ext. P / vis. P	Statical values
01 0107	4377 gr/m 611 mm 602 mm	I_x=847.25 cm^4 I_y=65.45 cm^4 W_x=71.08 cm^3 W_y=26.18 cm^3

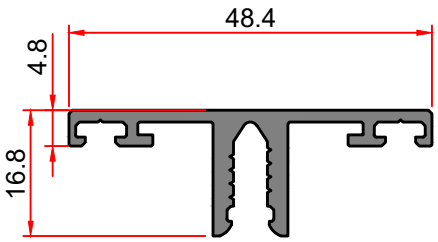
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

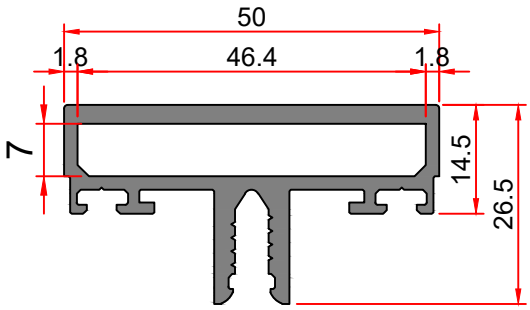
ALTEST®
ALUMINIUM PROFILES SYSTEM

TRANSOMS

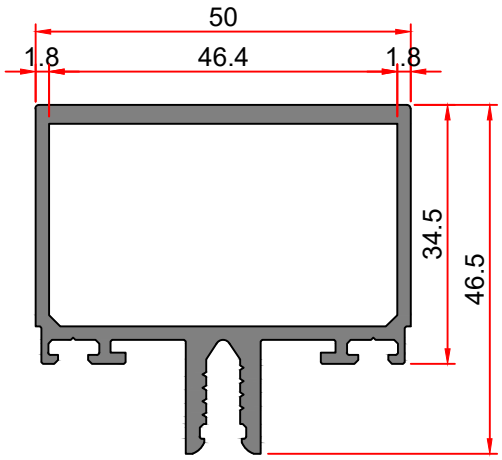
01 0313



01 0310



01 0311



Profile code	*Weight / ext. P / vis. P*	*Statical values*
01 0313	505 gr/m 204 mm	I_x=2.55 cm^4 I_y=0.39 cm^4 W_x=1.05 cm^3 W_y=0.32 cm^3
01 0310	946 gr/m 226 mm 105 mm	I_x=1.69 cm^4 I_y=6.93 cm^4 W_x=0.95 cm^3 W_y=2.77 cm^3
01 0311	1141 gr/m 266 mm 145 mm	I_x=9.43 cm^4 I_y=11.12 cm^4 W_x=3.57 cm^3 W_y=4.45 cm^3

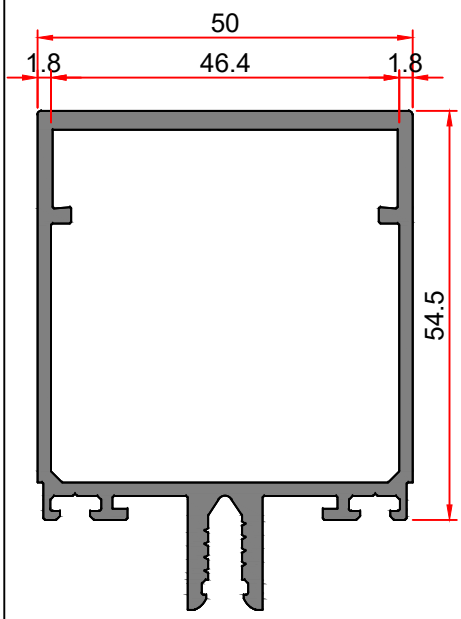
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

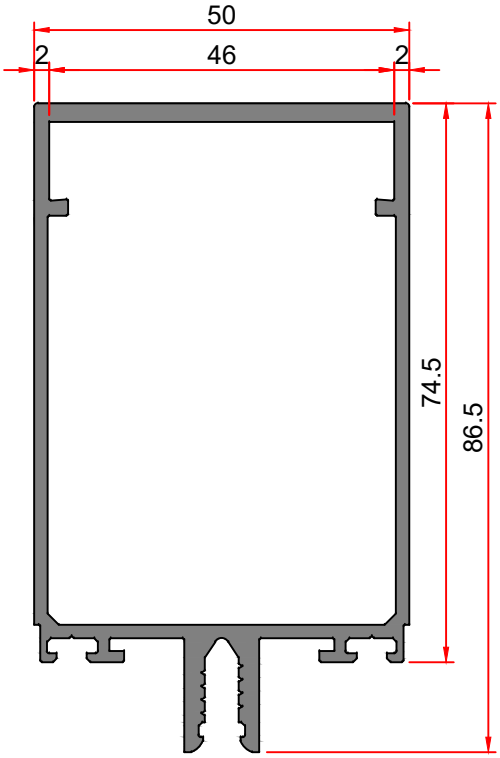
ALTEST®
ALUMINIUM PROFILES SYSTEM

TRANSOMS

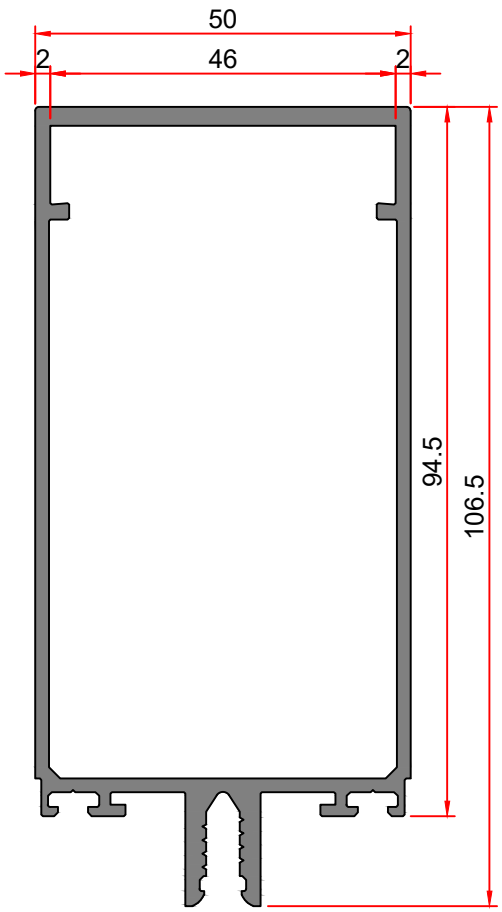
01 0300



01 0301



01 0302



Profile code	*Weight / ext. P / vis. P*	*Statical values*
01 0300	1377 gr/m 306 mm 195 mm	I_x=26.02 cm^4 I_y=16.06 cm^4 W_x=7.21 cm^3 W_y=6.42 cm^3
01 0301	1575 gr/m 346 mm 235 mm	I_x=52.64 cm^4 I_y=20.25 cm^4 W_x=11.54 cm^3 W_y=8.10 cm^3
01 0302	1767 gr/m 386 mm 275 mm	I_x=90.84 cm^4 I_y=24.43 cm^4 W_x=16.43 cm^3 W_y=9.77 cm^3

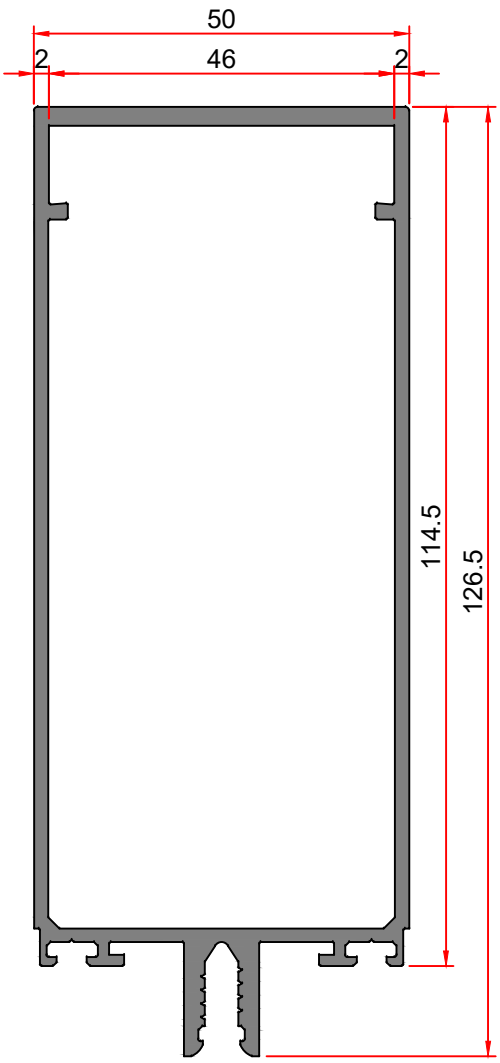
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

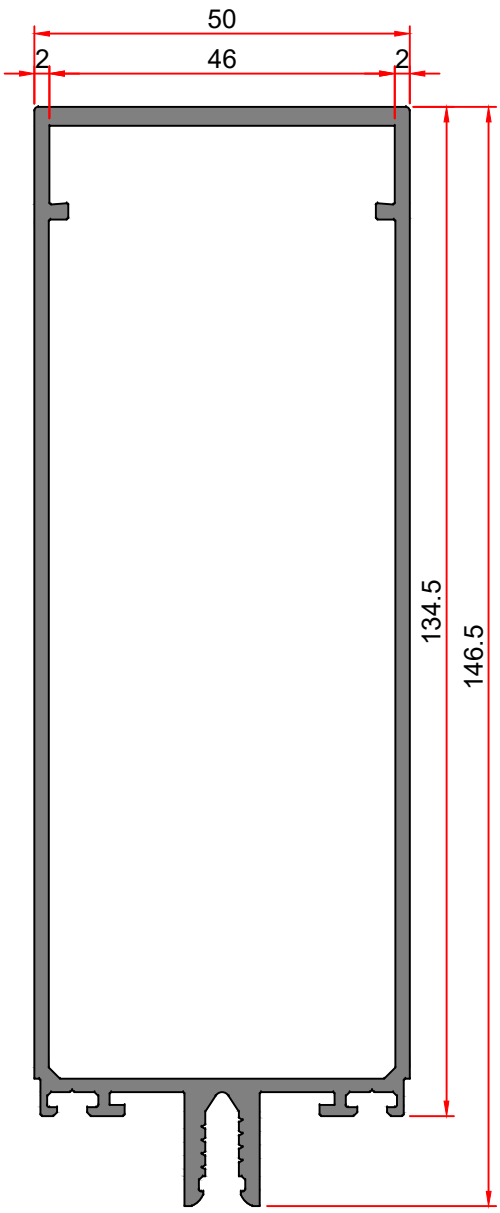
ALTEST® ALUMINIUM PROFILES SYSTEM

TRANSOMS

01 0303



01 0304



Profile code	Weight / ext. P / vis. P	Statical values
01 0303	2013 gr/m 426 mm 314 mm	I_x=143.49 cm^4 I_y=29.63 cm^4 W_x=22.08 cm^3 W_y=11.85 cm^3
01 0304	2220 gr/m 466 mm 354 mm	I_x=210.29 cm^4 I_y=34.03 cm^4 W_x=28.15 cm^3 W_y=13.61 cm^3

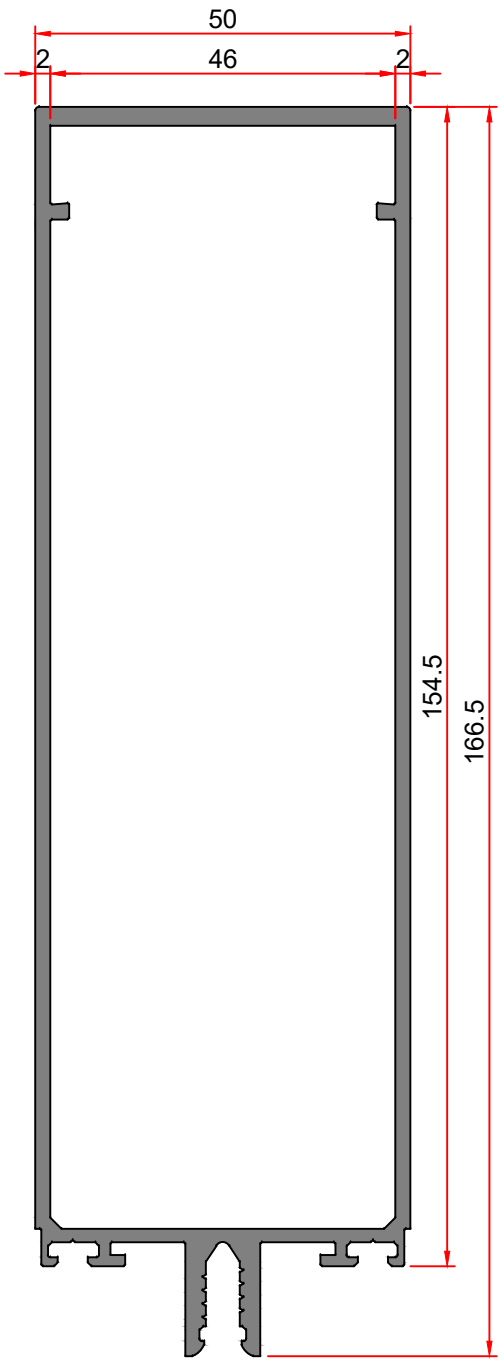
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

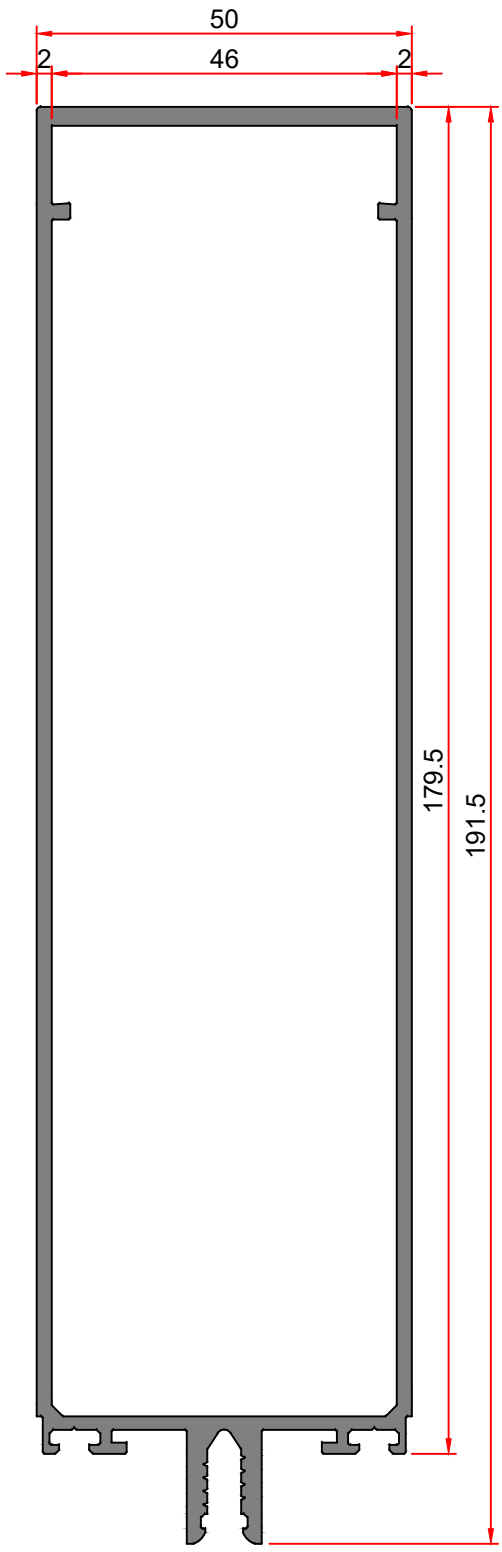
ALTEST® ALUMINIUM PROFILES SYSTEM

TRANSOMS

01 0305



01 0306



Profile code	*Weight / ext. P / vis. P*	*Statical values*
01 0305	2499 gr/m 506 mm 394 mm	I_x=297.52 cm^4 I_y=39.85 cm^4 W_x=35.21 cm^3 W_y=15.94 cm^3
01 0306	2769 gr/m 556 mm 444 mm	I_x=429.55 cm^4 I_y=45.61 cm^4 W_x=44.38 cm^3 W_y=18.24 cm^3

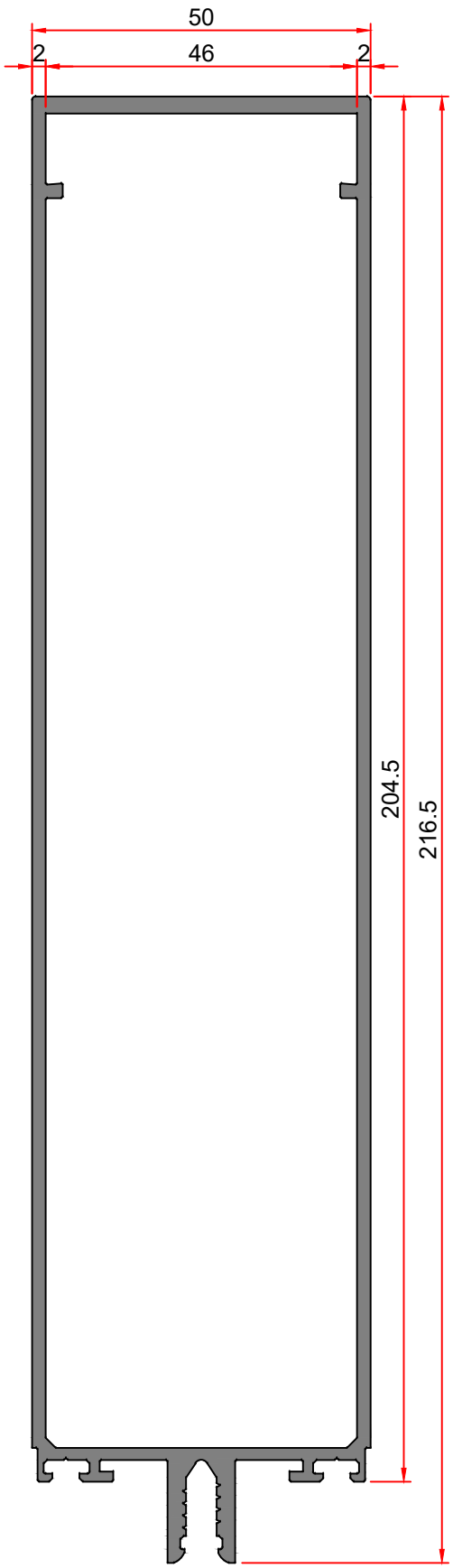
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

TRANSOMS

01 0307



Profile code	Weight / ext. P / vis. P	Statical values
01 0307	3041 gr/m 606 mm 494 mm	I_x=593.50 cm^4 I_y=51.38 cm^4 W_x=54.35 cm^3 W_y=20.55 cm^3

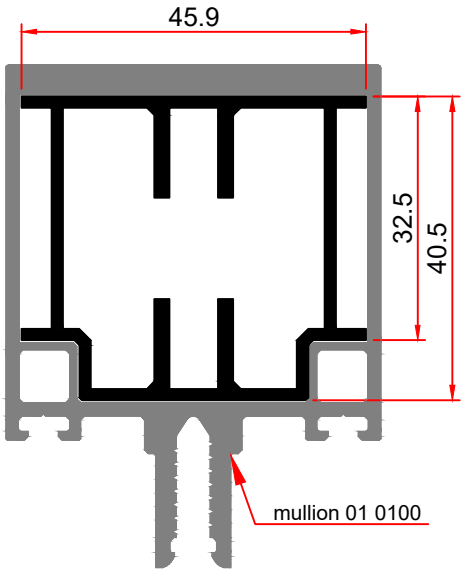
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

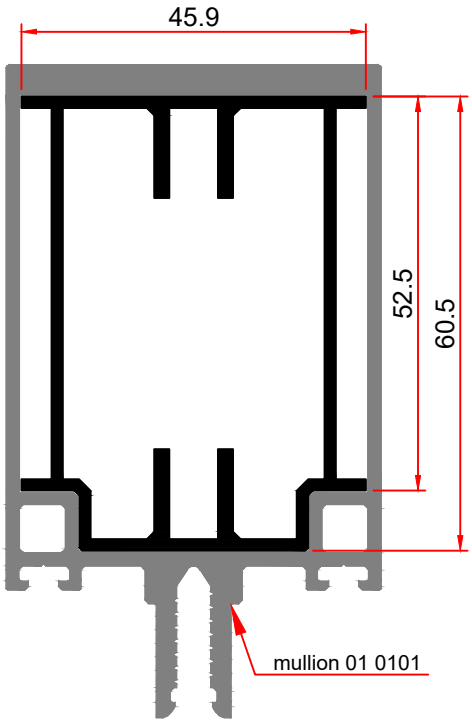
ALTEST® ALUMINIUM PROFILES SYSTEM

TRANSOMS

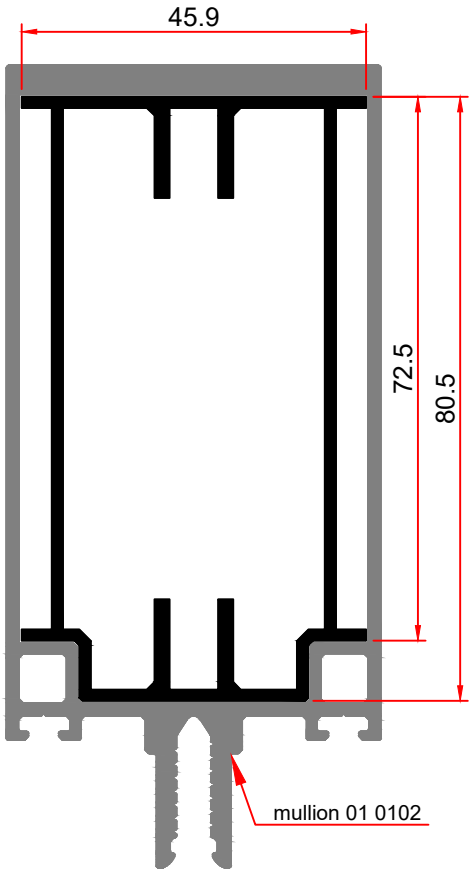
01 0400



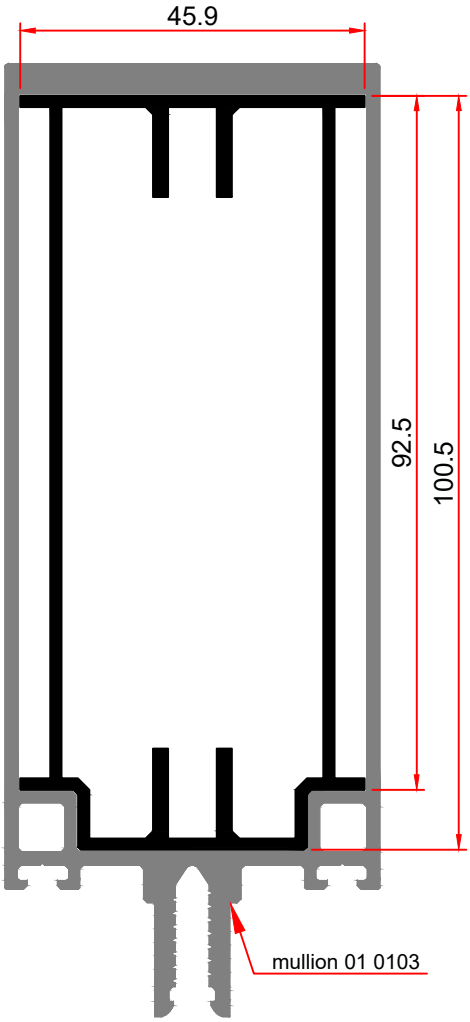
01 0401



01 0402



01 0403



Profile code	*Weight / ext. P / vis. P*	*Statical values*
01 0400	938 gr/m 188 mm 237 mm	I_x=7.69 cm^4 I_y=6.00 cm^4 W_x=3.68 cm^3 W_y=2.61 cm^3
01 0401	1101 gr/m 228 mm 277 mm	I_x=20.93 cm^4 I_y=7.99 cm^4 W_x=6.84 cm^3 W_y=3.47 cm^3
01 0402	1263 gr/m 268 mm 317 mm	I_x=42.30 cm^4 I_y=9.98 cm^4 W_x=10.37 cm^3 W_y=4.36 cm^3
01 0403	1426 gr/m 308 mm 357 mm	I_x=72.97 cm^4 I_y=11.96 cm^4 W_x=14.36 cm^3 W_y=5.22 cm^3

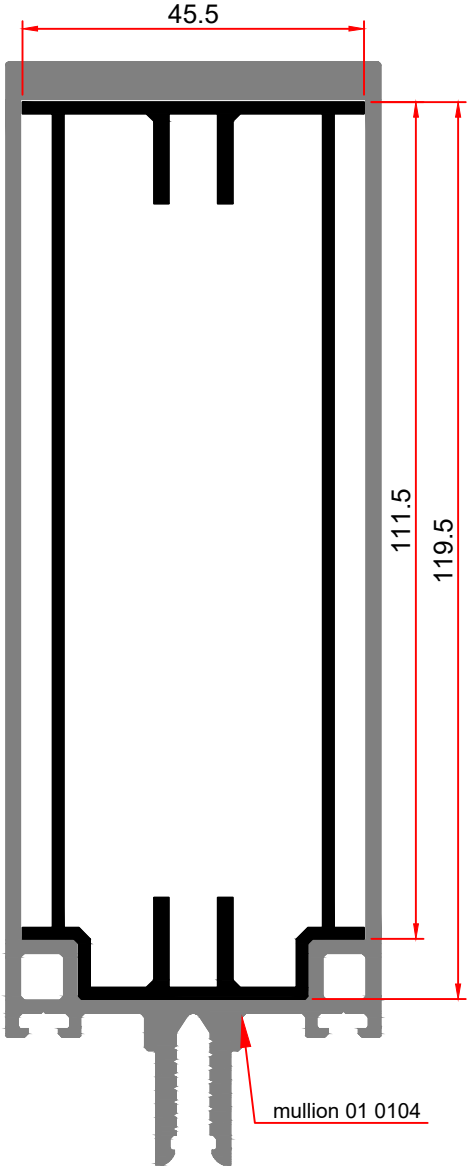
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

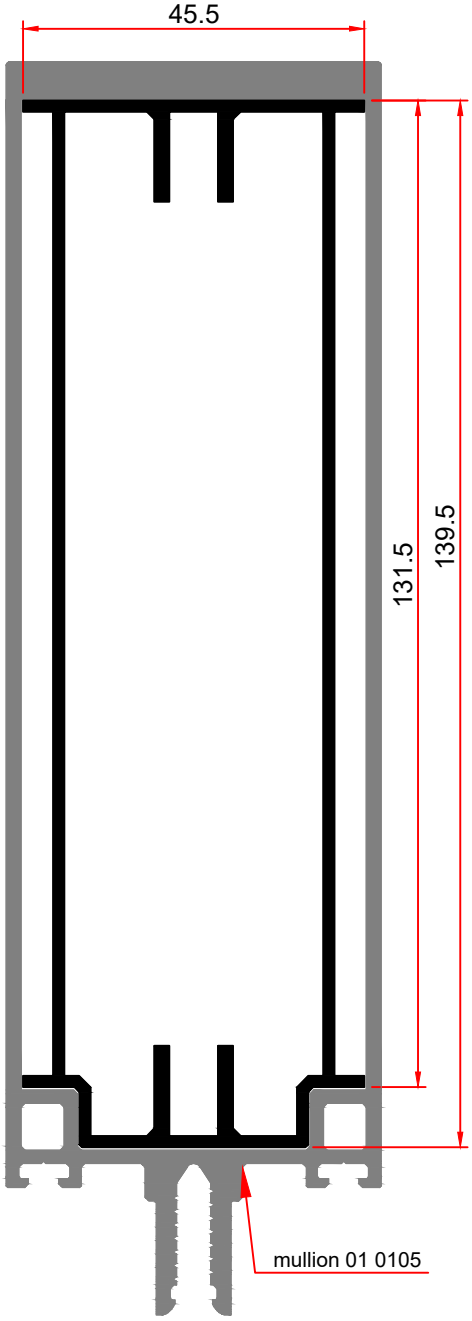
ALTEST® ALUMINIUM PROFILES SYSTEM

TRANSOMS

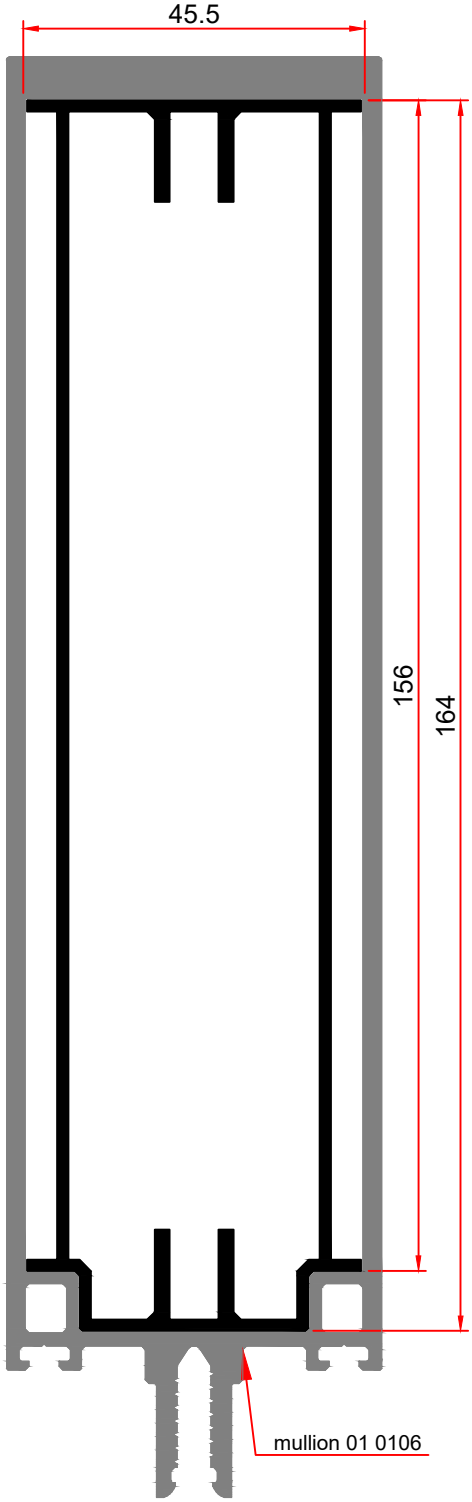
01 0404



01 0405



01 0406



Profile code	*Weight / ext. P / vis. P*	*Statical values*
01 0404	1577 gr/m 345 mm 394 mm	I_x=111.52 cm^4 I_y=13.55 cm^4 W_x=18.52 cm^3 W_y=5.94 cm^3
01 0405	1740 gr/m 385 mm 434 mm	I_x=163.70 cm^4 I_y=15.50 cm^4 W_x=23.32 cm^3 W_y=6.80 cm^3
01 0406	1931 gr/m 432 mm 481 mm	I_x=243.45 cm^4 I_y=16.92 cm^4 W_x=29.54 cm^3 W_y=7.59 cm^3

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

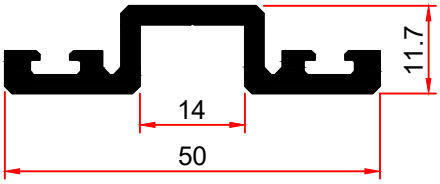
CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

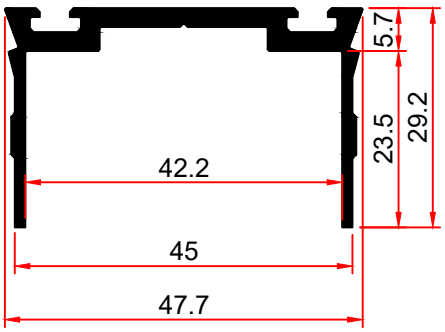
PRESSURE PLATES

01 0500

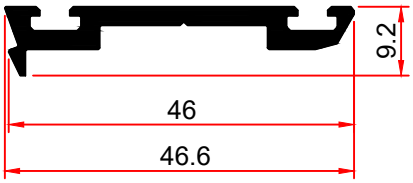
01 0506



01 0510

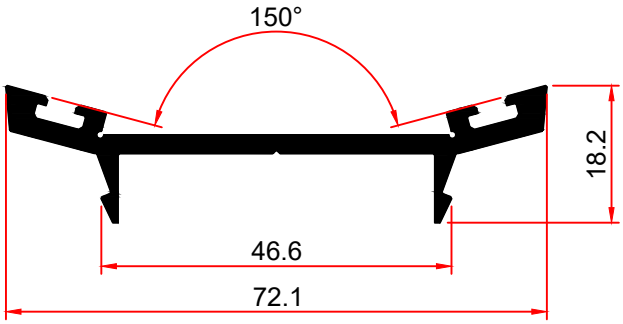


01 0520

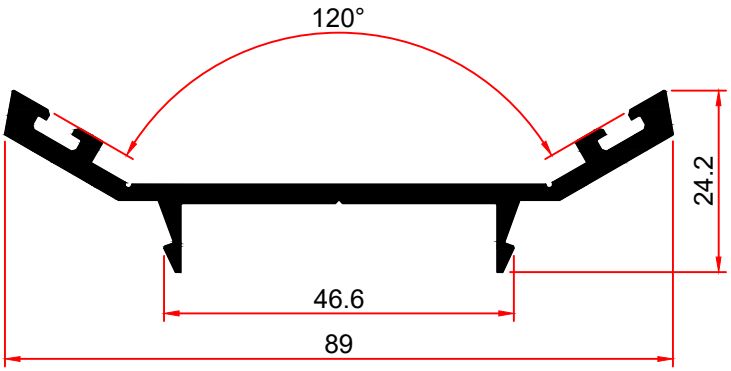


Profile code	Weight /P
01 0500	447 gr/m 147 mm
01 0506	587 gr/m 170 mm
01 0510	618 gr/m 228 mm
01 0520	405 gr/m 136 mm

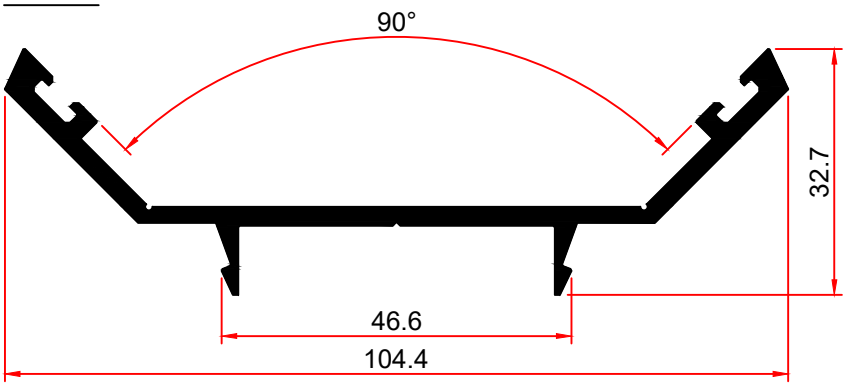
01 0531



01 0532



01 0533



Profile code	Weight /P
01 0531 for 5°-15° angle	702 gr/m 224 mm
01 0532 for 15°-30° angle	836 gr/m 266 mm
01 0533 for 30°- 45° angle	992 gr/m 316 mm

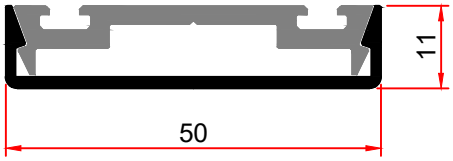
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

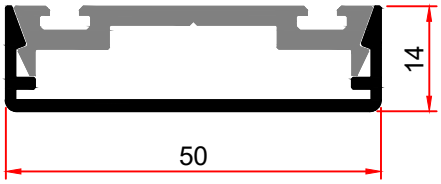
ALTEST® ALUMINIUM PROFILES SYSTEM

COVER CAPS

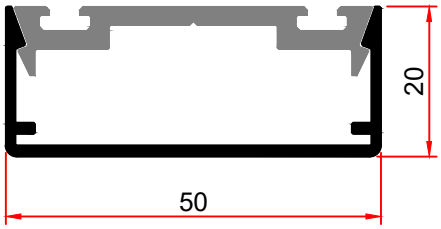
01 0501



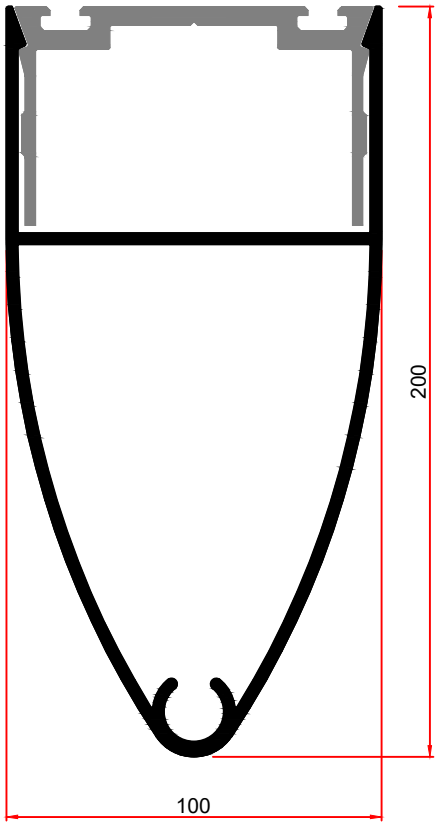
01 0502



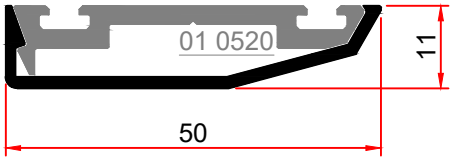
01 0503



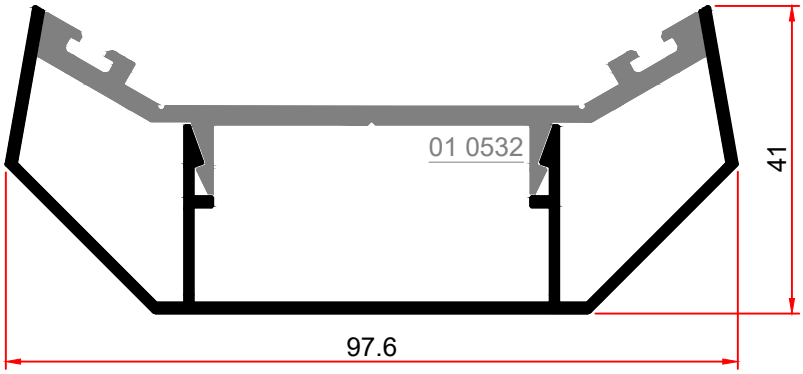
01 0512



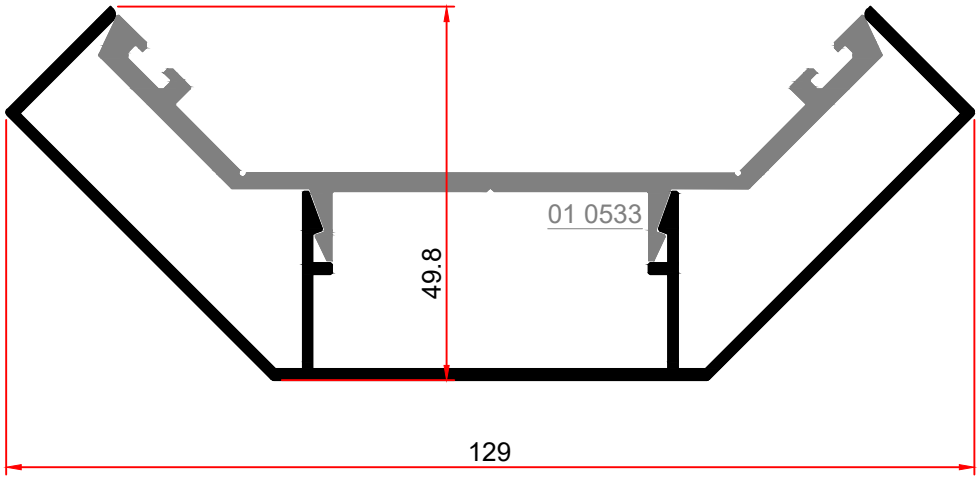
01 0521



300 1455



01 0502



Profile code	Weight /P	Profile code	Weight /P
01 0501	280 gr/m 140 mm	01 0521 for 01 0520	257 gr/m 129 mm
01 0502	322 gr/m 162 mm	300 1455 for 01 0532	797 gr/m 416 mm
01 0503	363 gr/m 187 mm	300 1455 for 01 0533	938 gr/m 497 mm
01 0512	1123 gr/m 325 mm 211 mm		

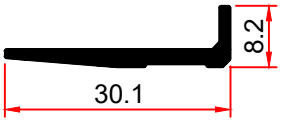
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

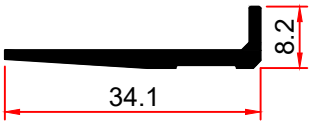
ALTEST® ALUMINIUM PROFILES SYSTEM

GLAZING SHIMS

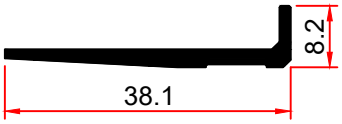
01 0731



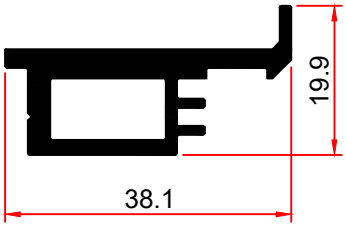
01 0732



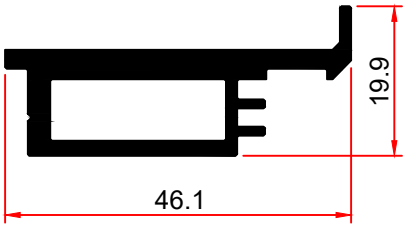
01 0733



01 0743



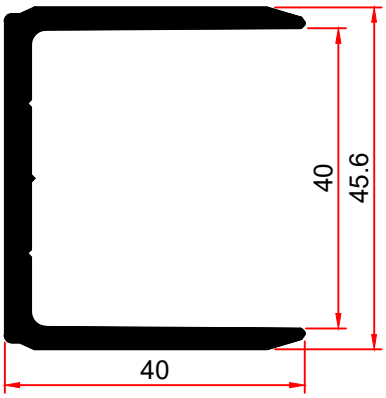
01 0744



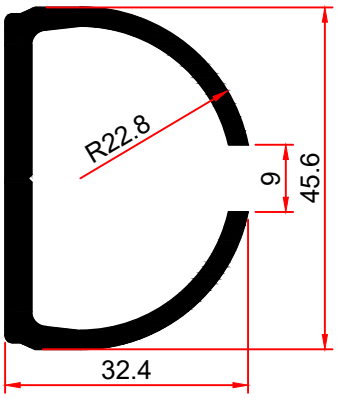
Profile code	Weight / ext. P / vis. P
01 0731 glazing shim *24/26mm glass*	186 gr/m 74 mm - mm
01 0732 glazing shim *28/30mm glass*	206 gr/m 83 mm - mm
01 0733 glazing shim *32/34mm glass*	225 gr/m 91 mm - mm
01 0743 glazing shim *36 mm glass*	609 gr/m 130 mm 47 mm
01 0744 glazing shim *44 mm glass*	737 gr/m 146 mm 63 mm

TRANSOM CONNECTORS

01 0700



01 0701



Profile code	Weight /P
01 0700	974 gr/m 273 mm
01 0701 /inclined transom/	919 gr/m 237 mm

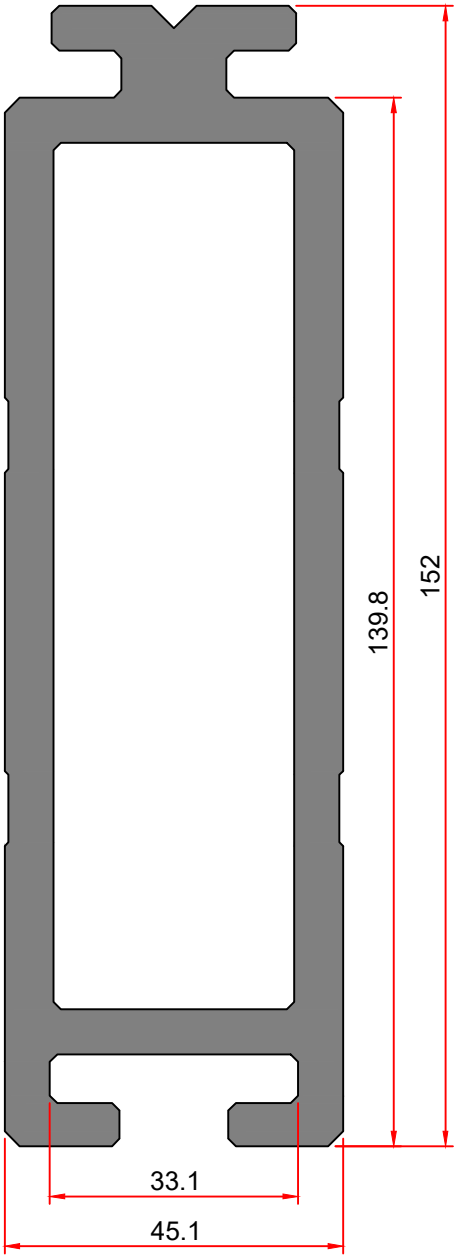
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

ROOF CONNECTORS

01 0710



Profile code	Weight /P
01 0710	6900 gr/m 483 mm 293 mm

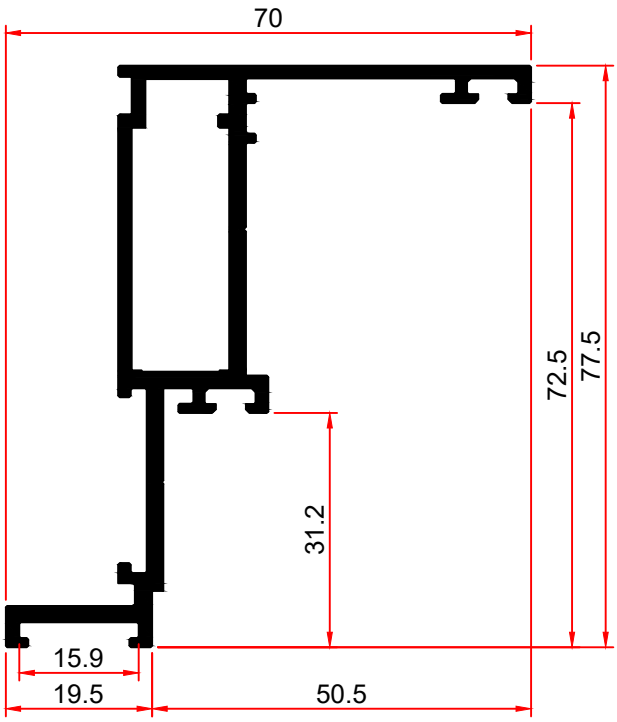
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

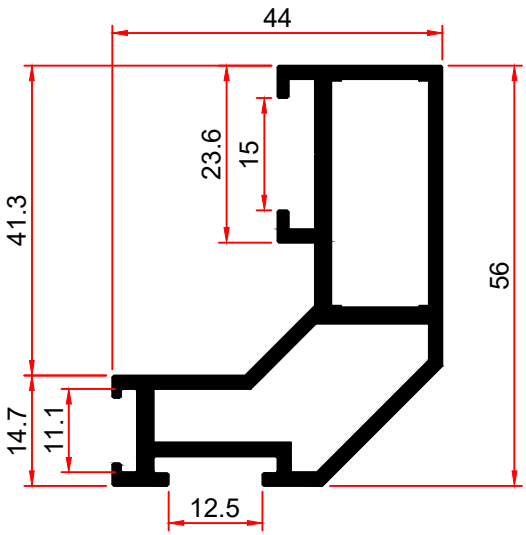
ALTEST® ALUMINIUM PROFILES SYSTEM

PROFILES FOR OUTWARDS PROJECTING WINDOW

01 0601

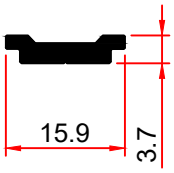


01 0602

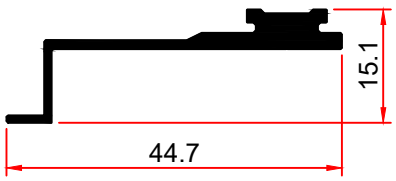


Profile code	Weight /P
01 0601 frame for outwards projecting window	1269 gr/m 376 mm 107 mm
01 0602 sash for outwards projecting window	1118 gr/m 240 mm 190 mm

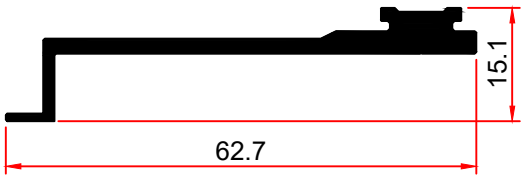
01 0603



01 0604



01 0606



Profile code	Weight /P
01 0603 rod for outwards projecting window	123 gr/m 39 mm
01 0604 glazing shim for outwards projecting window	295 gr/m 122 mm
01 0606 glazing shim for outwards projecting window	489 gr/m 158 mm

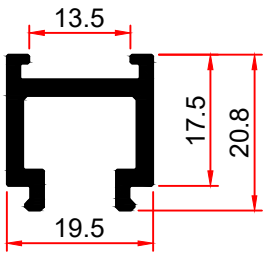
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

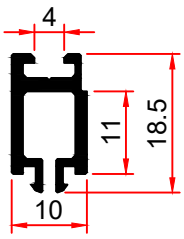
ALTEST® ALUMINIUM PROFILES SYSTEM

SPACERS

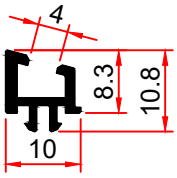
01 0607



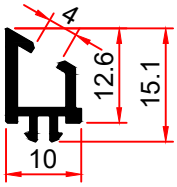
01 0621



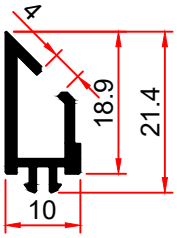
01 0623



01 0624

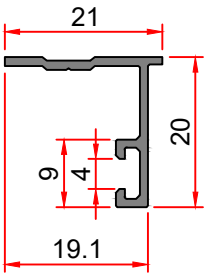


01 0625

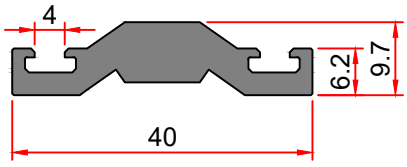


Profile code	Weight /P
01 0607 spacer for outwards projecting window *17.5 mm*	372 gr/m 132 mm - mm
01 0621 spacer *16 mm*	198 gr/m 108 mm - mm
01 0623 spacer 5°-15°	99 gr/m 65 mm - mm
01 0624 spacer 15°-30°	126 gr/m 78 mm - mm
01 0625 spacer 30°-45°	170 gr/m 99 mm - mm

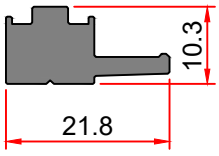
01 0630



01 0640



01 0641



Profile code	Weight /P
01 0630 suppl. profile for sealing membrane	152 gr/m 98 mm - mm
01 0640 glazing clip for structural glazing	608 gr/m 119 mm - mm
01 0641 glazing clip for structural glazing	355 gr/m 67 mm - mm

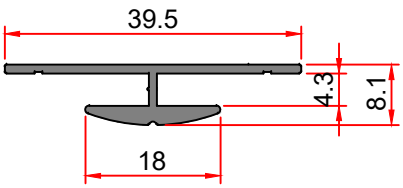
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.
SCALE 1:1

CW 50
Curtain Wall system

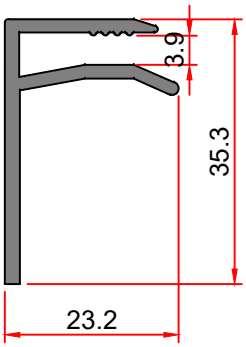
ALTEST® ALUMINIUM PROFILES SYSTEM

PROFILES FOR ETALBOND

01 0650



01 0651

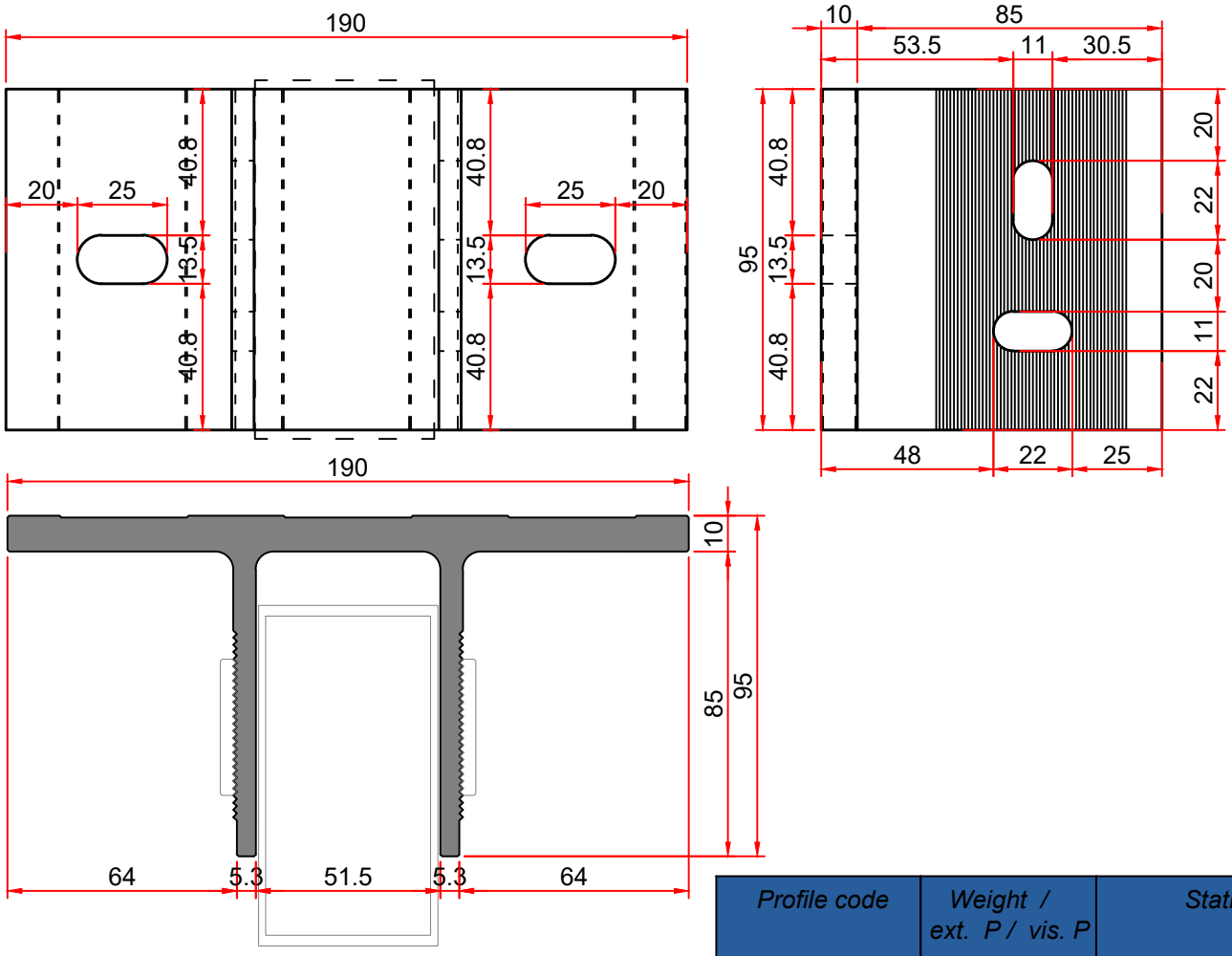


Profile code	Weight /P
01 0650 T-profile for etalbond (4 mm)	239 gr/m 126 mm - mm
01 0651 F-profile for etalbond (4 mm)	380 gr/m 154 mm - mm

SCALE 1:1

PROFILES FOR FIXING BRACKETS

AKA 006



Profile code	Weight / ext. P / vis. P	Statical values
AKA 006 fixing brackets profile 01 0720	7742 gr/m 772 mm	I_x=199.01 cm^4 I_y=640.13 cm^4 W_x=26.97 cm^3 W_y=67.38 cm^3

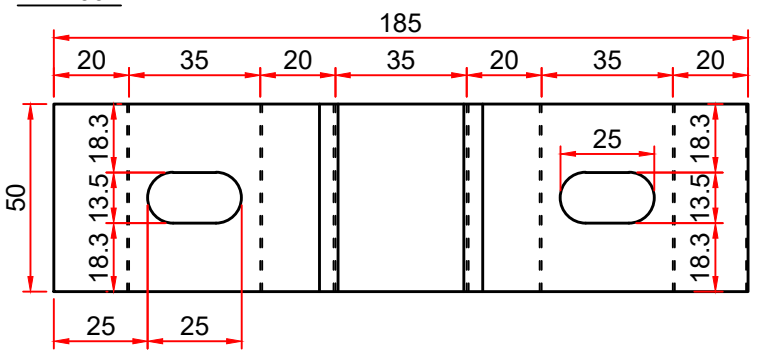
SCALE 0,5:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

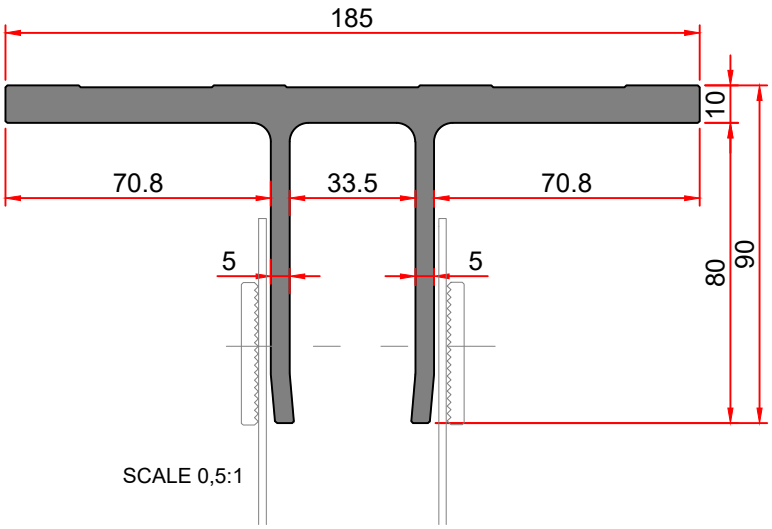
CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

AKA 007

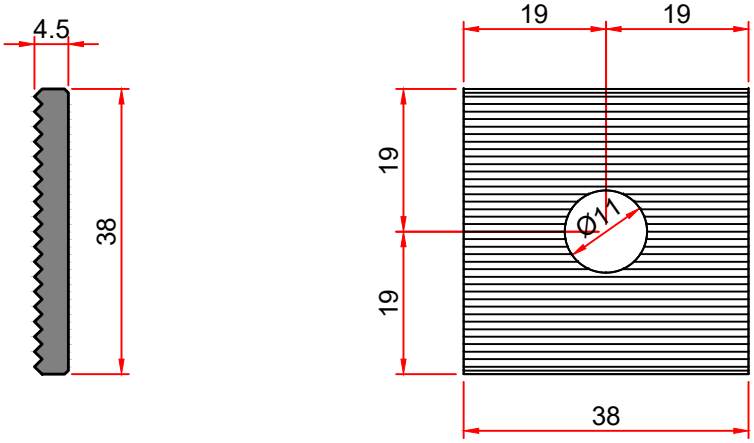


Profile code	Weight / ext. P / vis. P	Statical values
AKA 007 fixing brackets profile 01 0722	7092 gr/m 701 mm - mm	I_x=155.56 cm^4 I_y=546.27 cm^4 W_x=21.88 cm^3 W_y=59.06 cm^3



SCALE 0,5:1

AKA 009



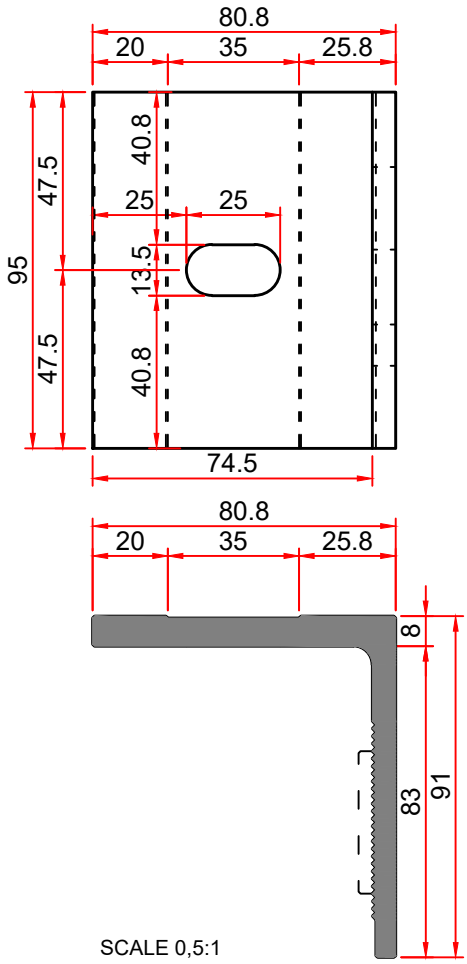
SCALE 1:1

Profile code	Weight / ext. P / vis. P	Statical values
AKA 009 suppl. pad for fixing brackets 01 0724	412 gr/m 98 mm - mm	

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

CW 50
Curtain Wall system

AKA 008



Profile code	*Weight / ext. P / vis. P*	*Statical values*
AKA 008 fixing brackets profile 01 0723	3022 gr/m 361 mm - mm	I_x=81.69 cm^4 I_y=73.20 cm^4 W_x=12.07 cm^3 W_y=12.89 cm^3

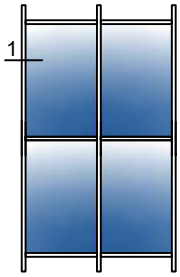
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

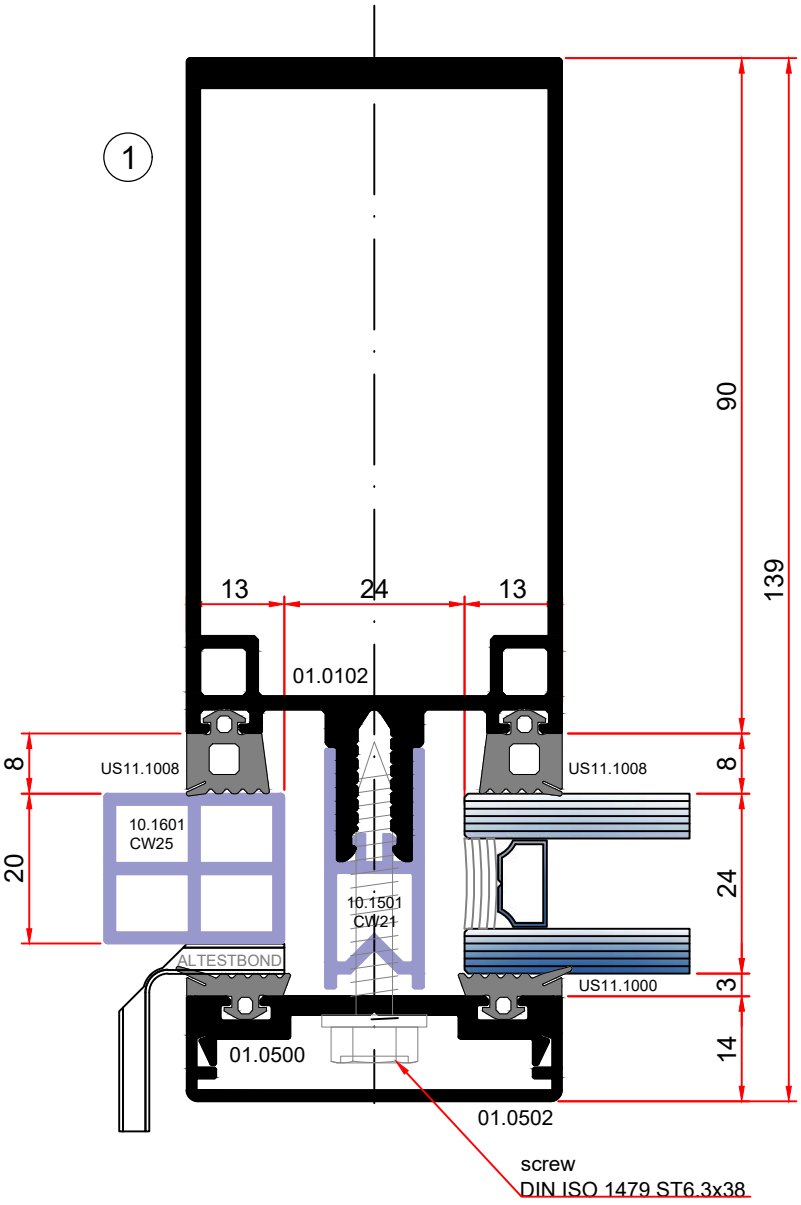
SYSTEM DETAILS

CW 50
Curtain Wall system

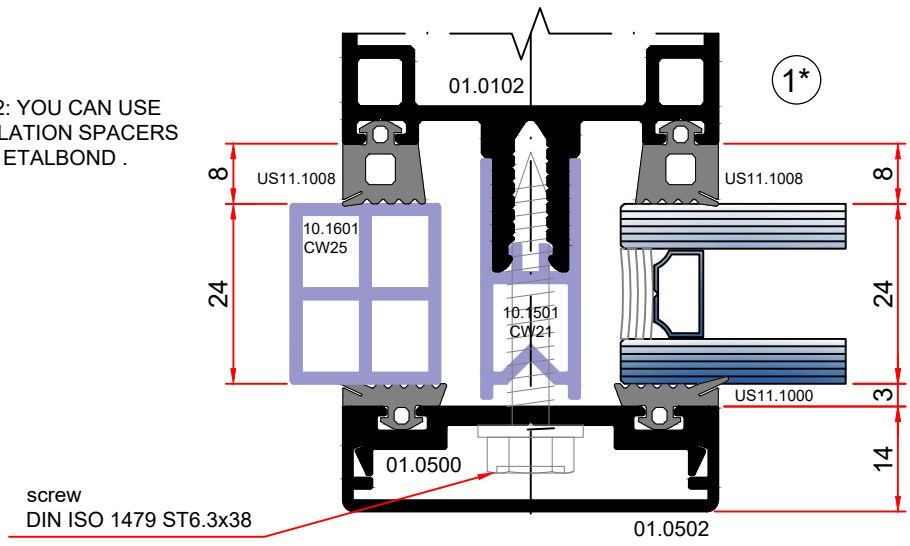
ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 24 mm glazing
Mullion





*OPTION 2: YOU CAN USE THE INSULATION SPACERS WITHOUT ETALBOND .

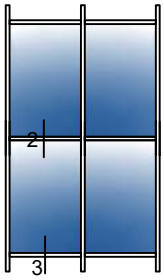


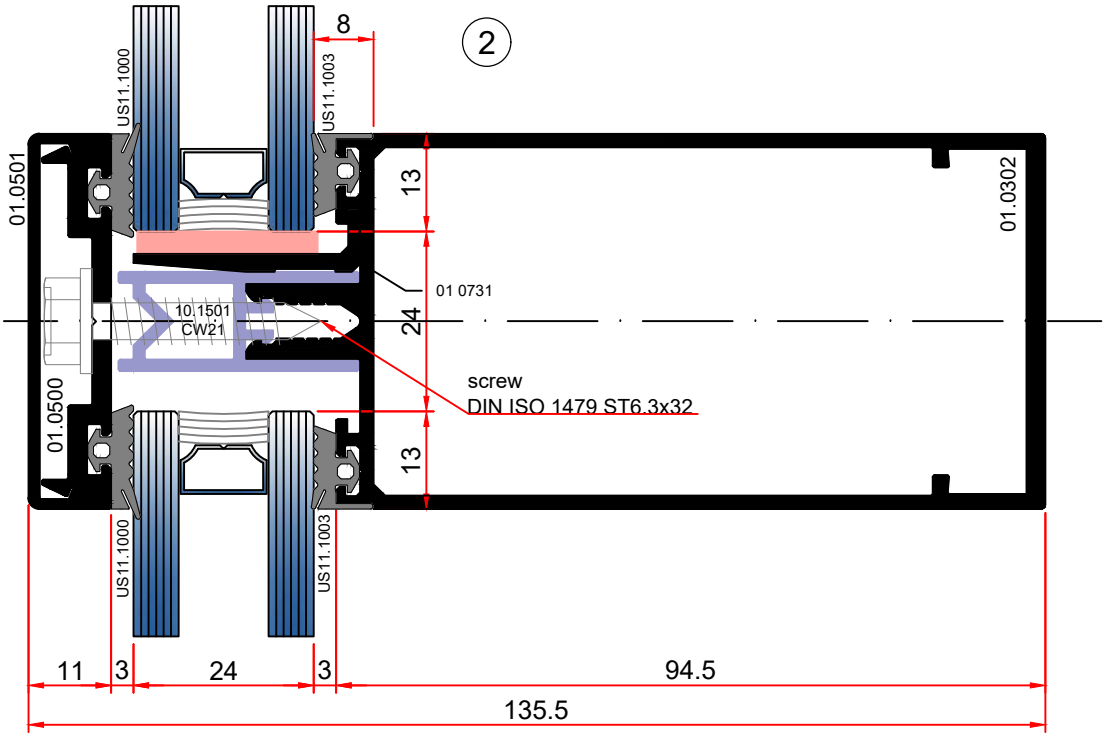
SCALE 1:1

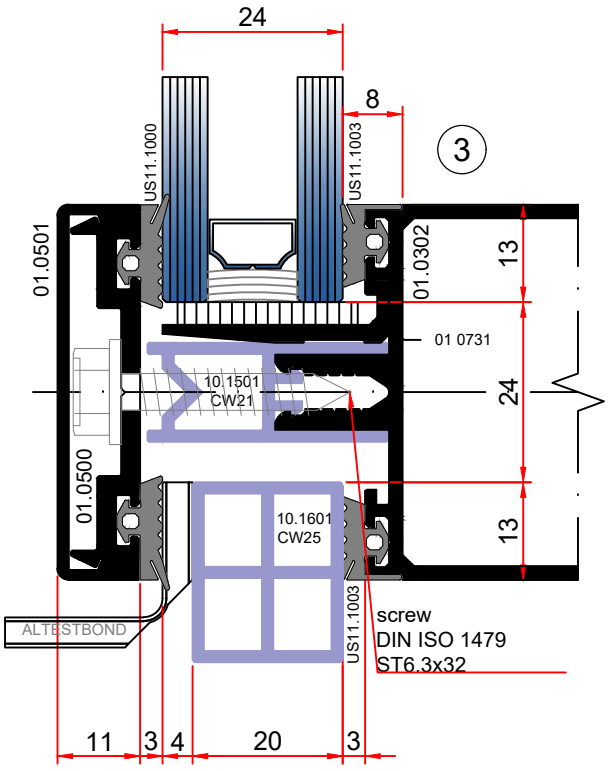
CW 50
Curtain Wall system

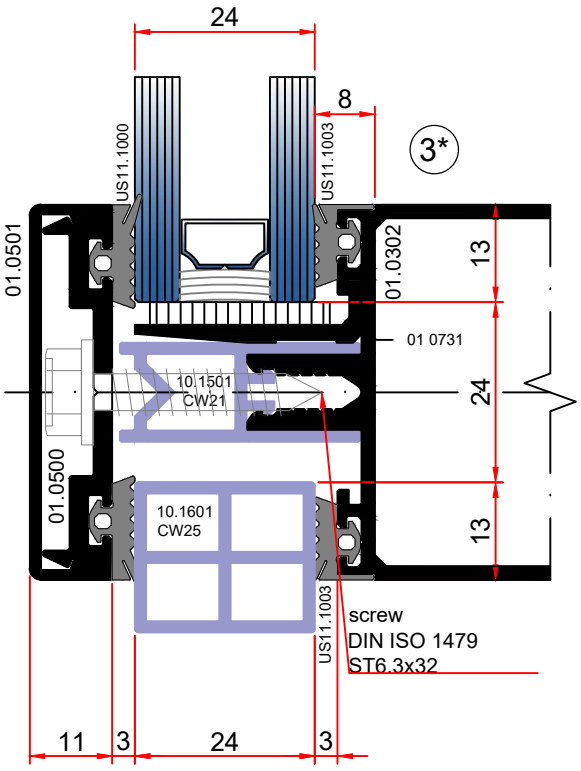
ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 24 mm glazing
Transom









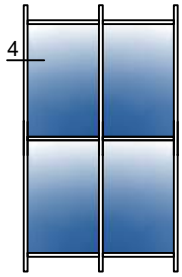
*OPTION 2: YOU CAN USE
THE INSULATION SPACERS
WITHOUT ETALBOND .

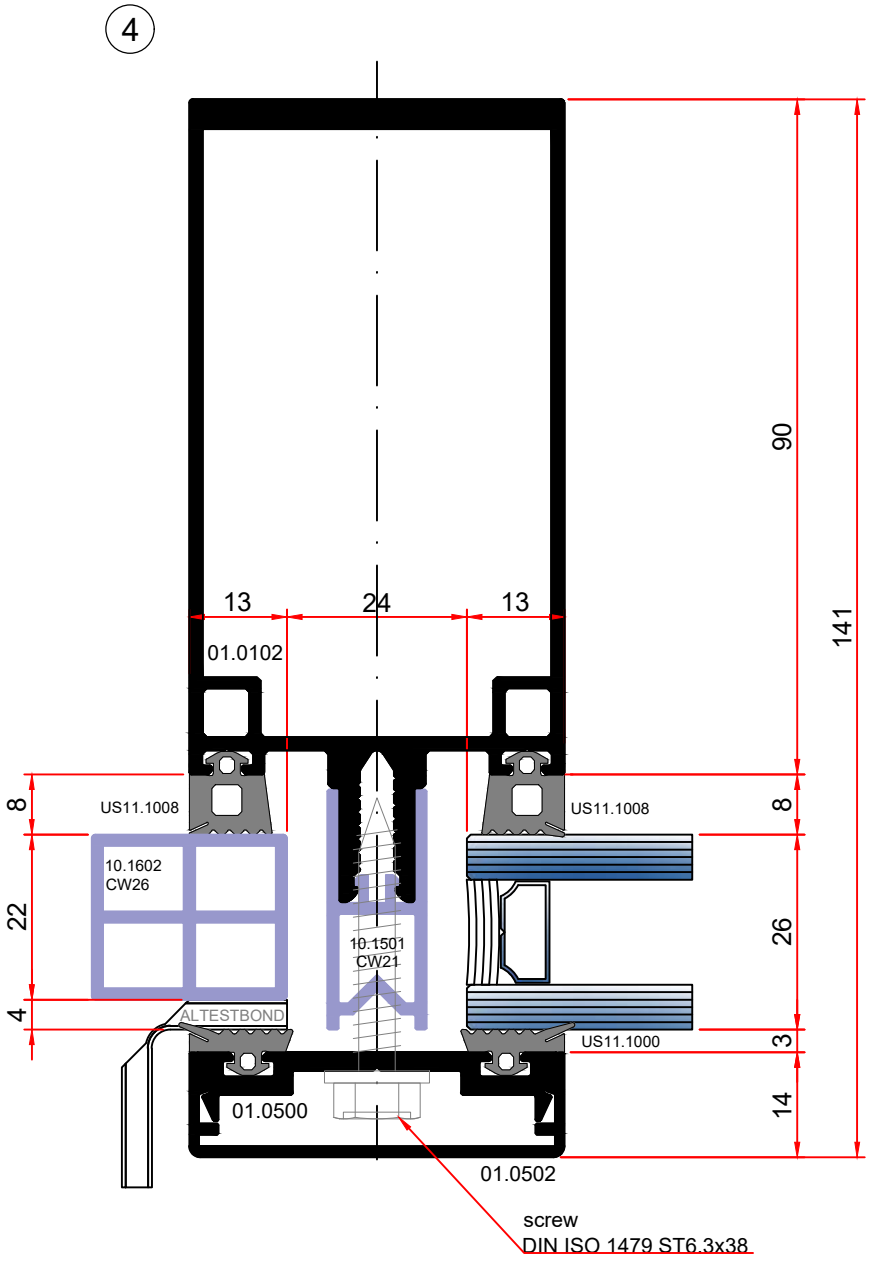
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

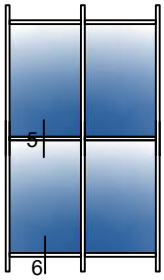
Cover cap , 26 mm glazing
Mullion

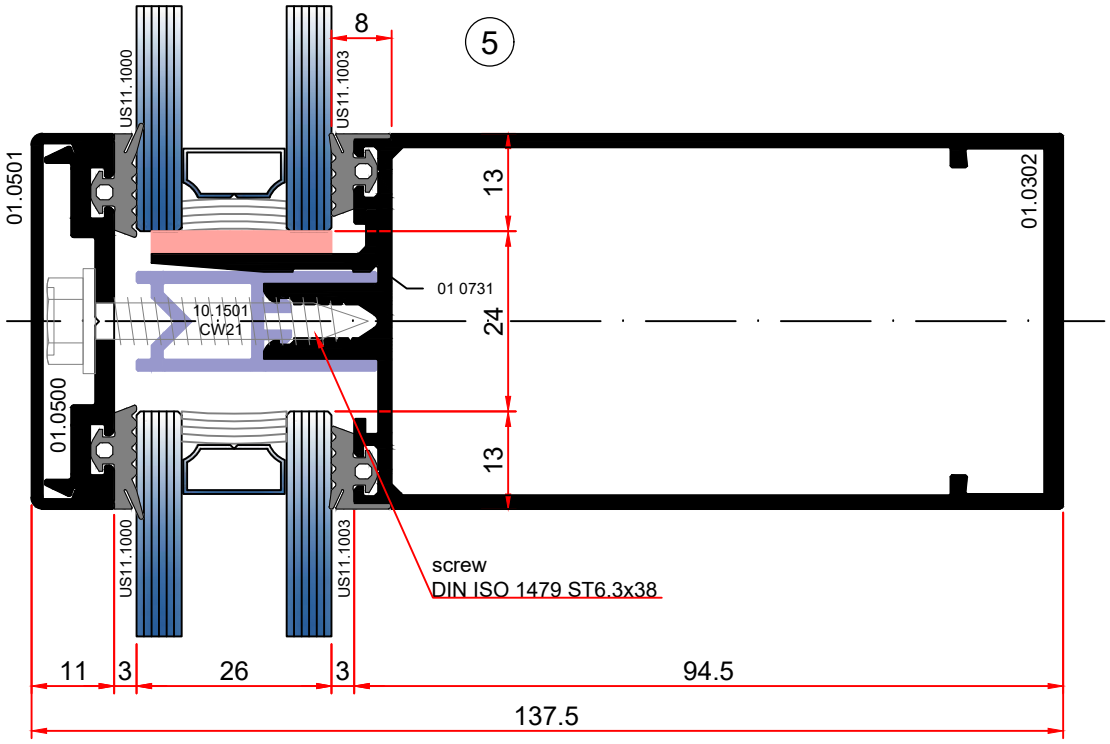


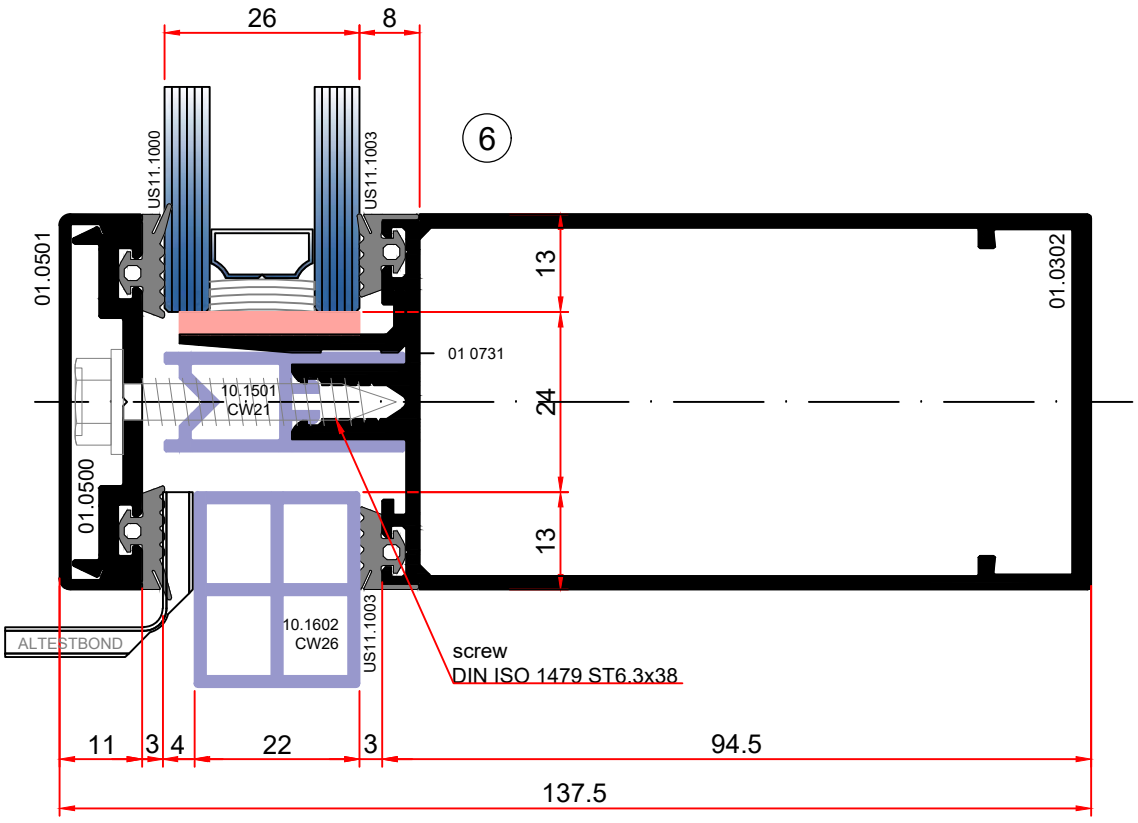


SCALE 1:1

Cover cap , 26 mm glazing
Transom





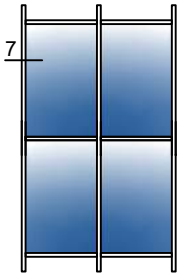


SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 28 mm glazing
Mullion



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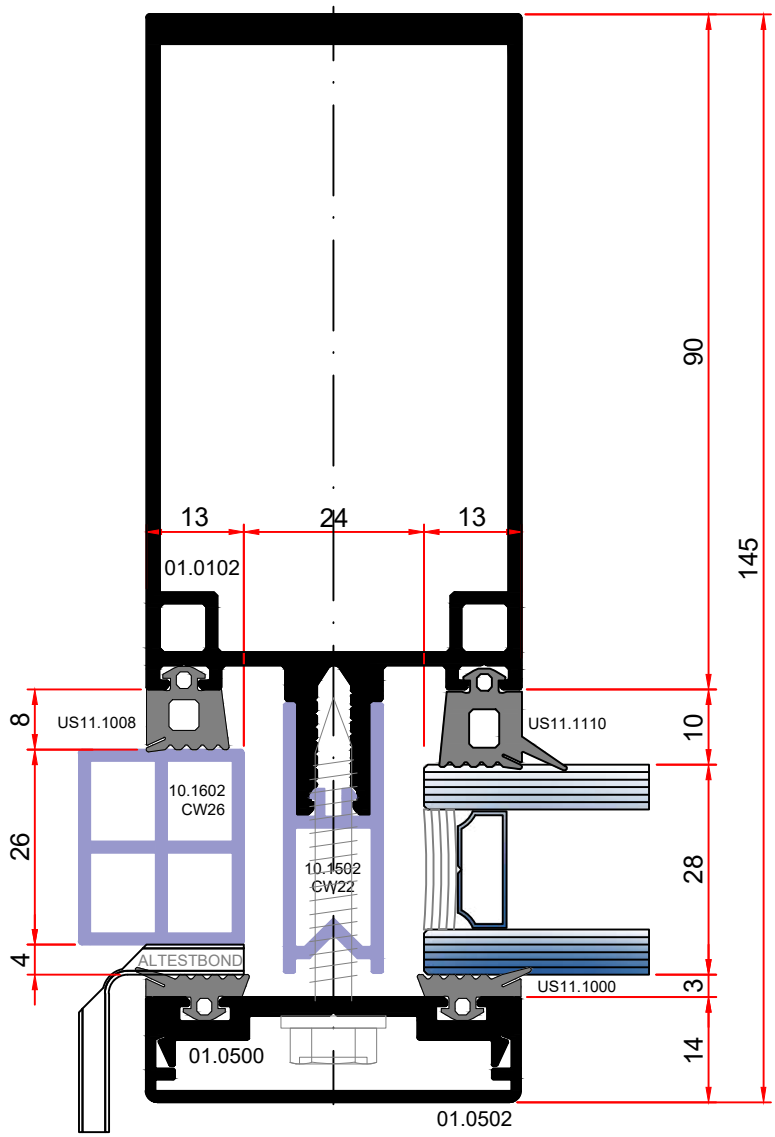
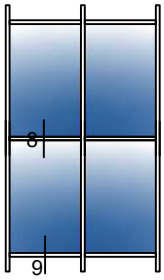
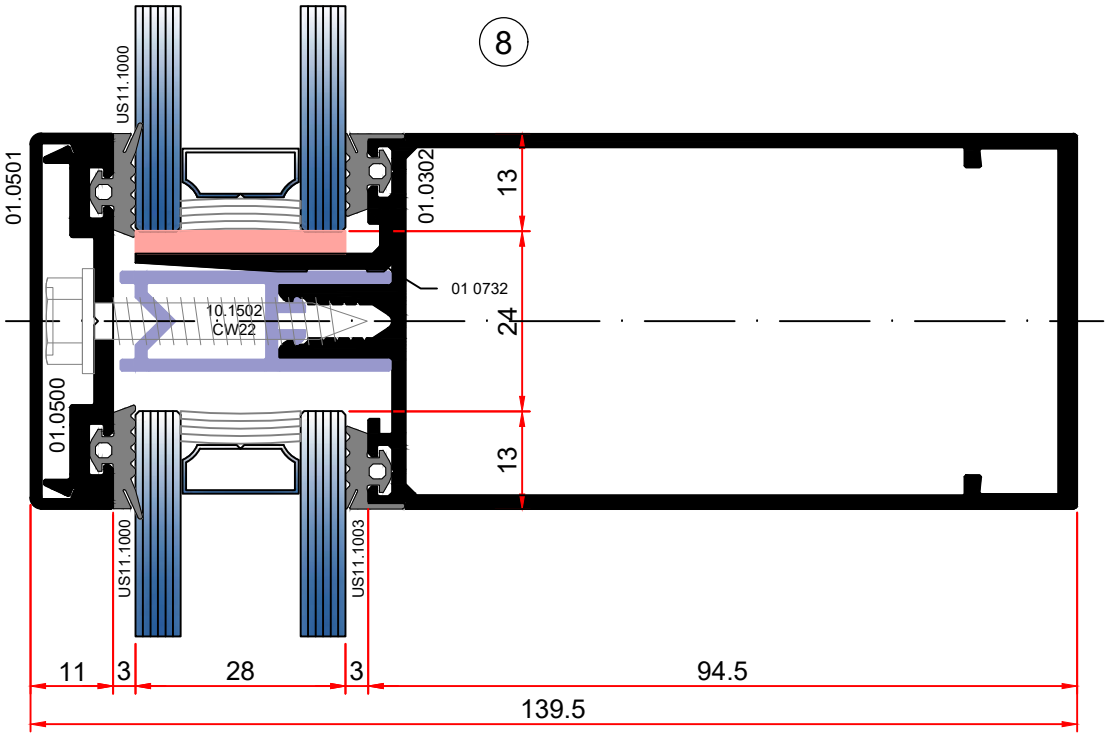
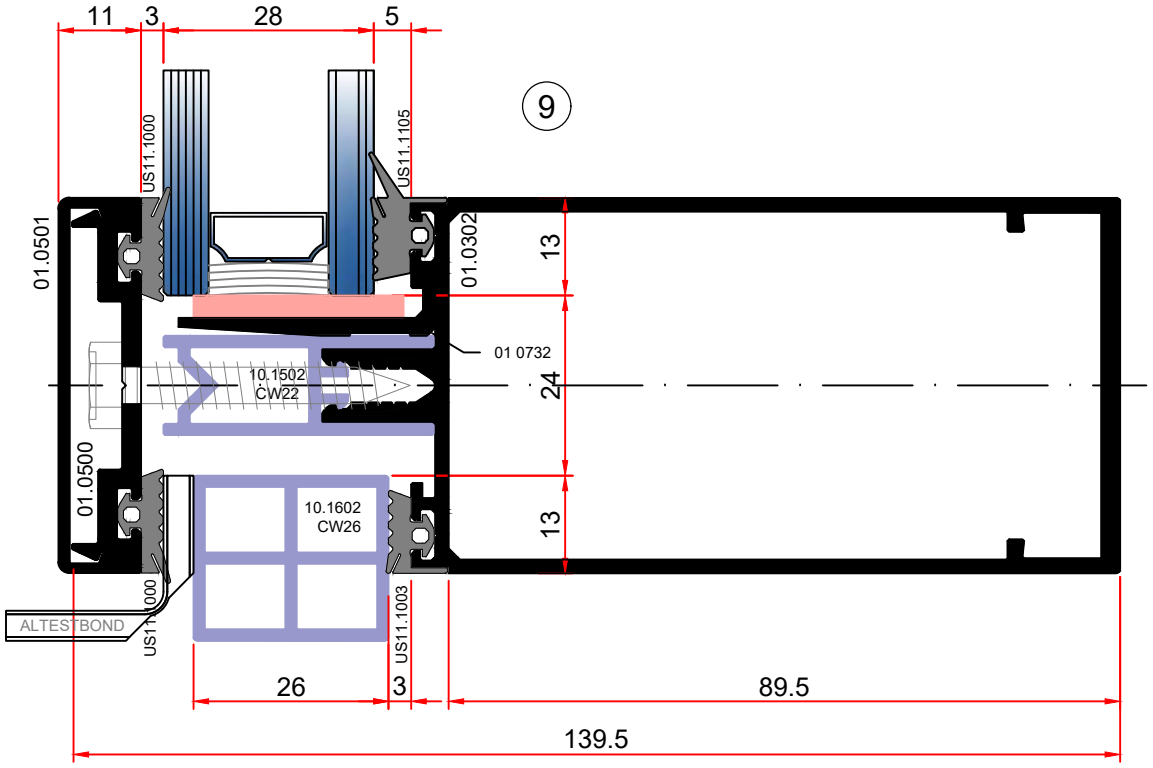


SCALE 1:1

Cover cap , 28 mm glazing
Transom





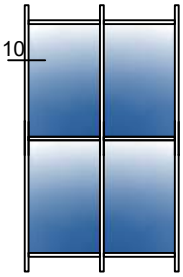


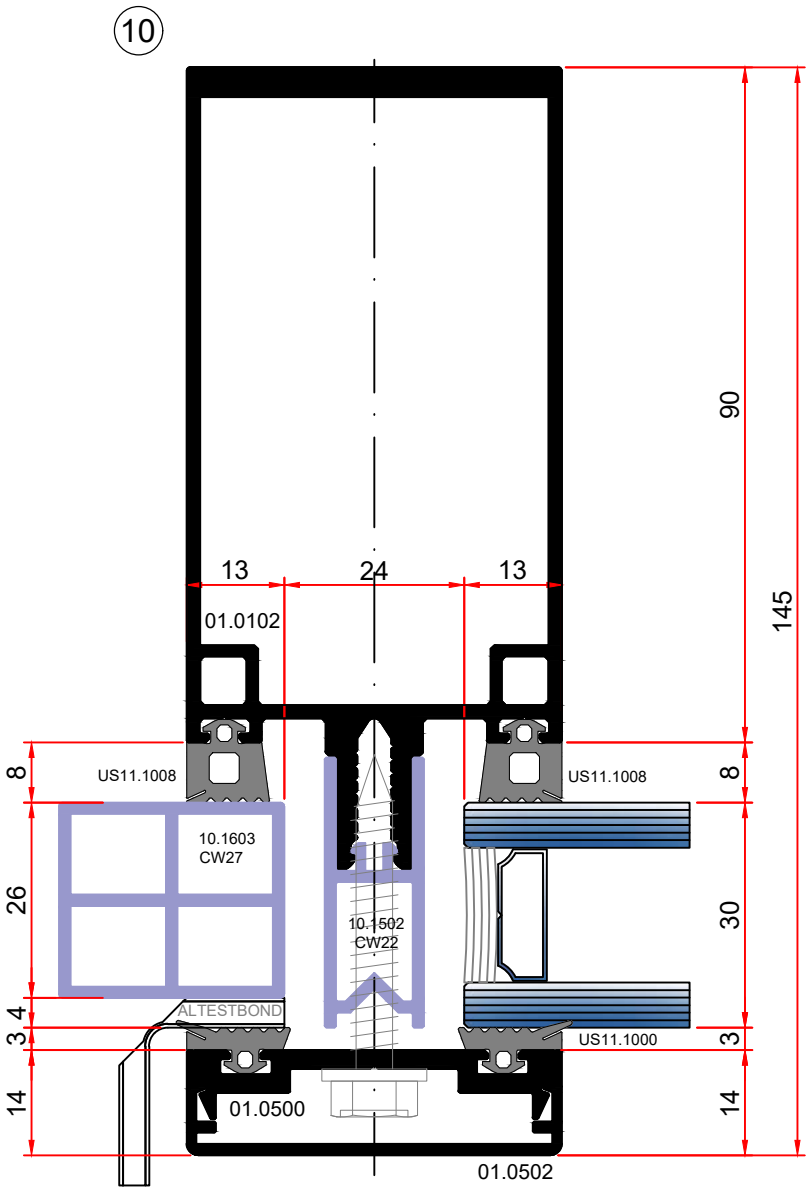
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

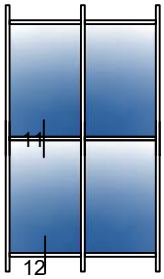
Cover cap , 30 mm glazing
Mullion

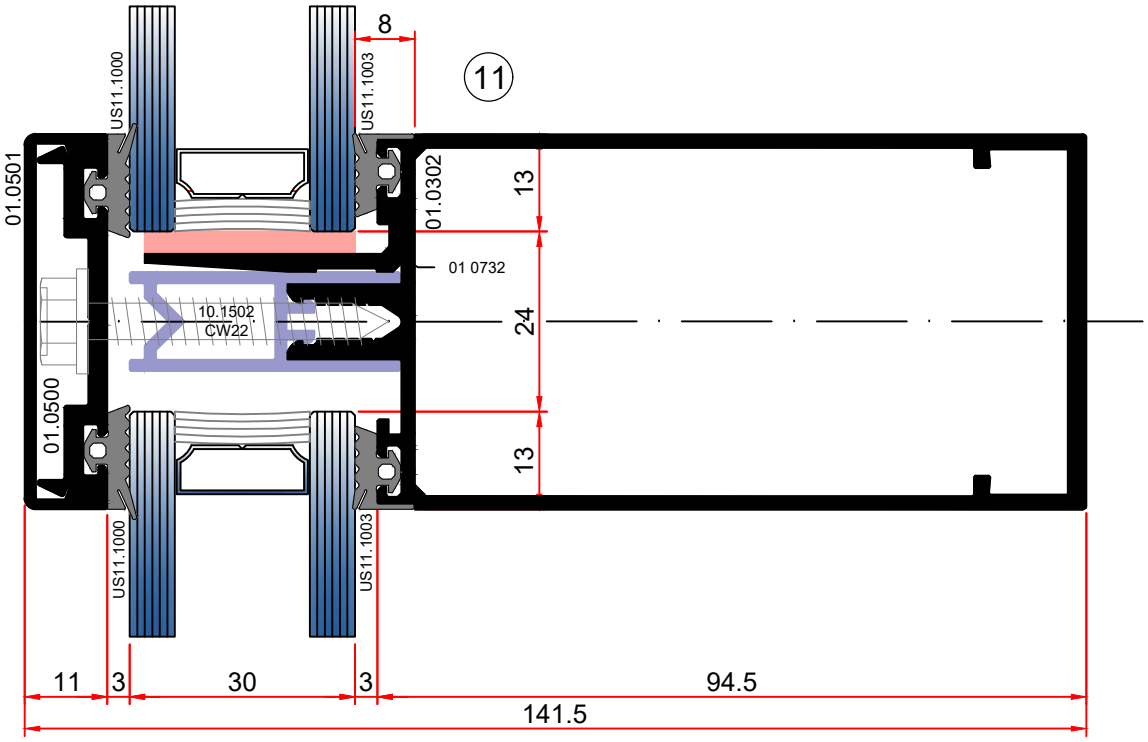


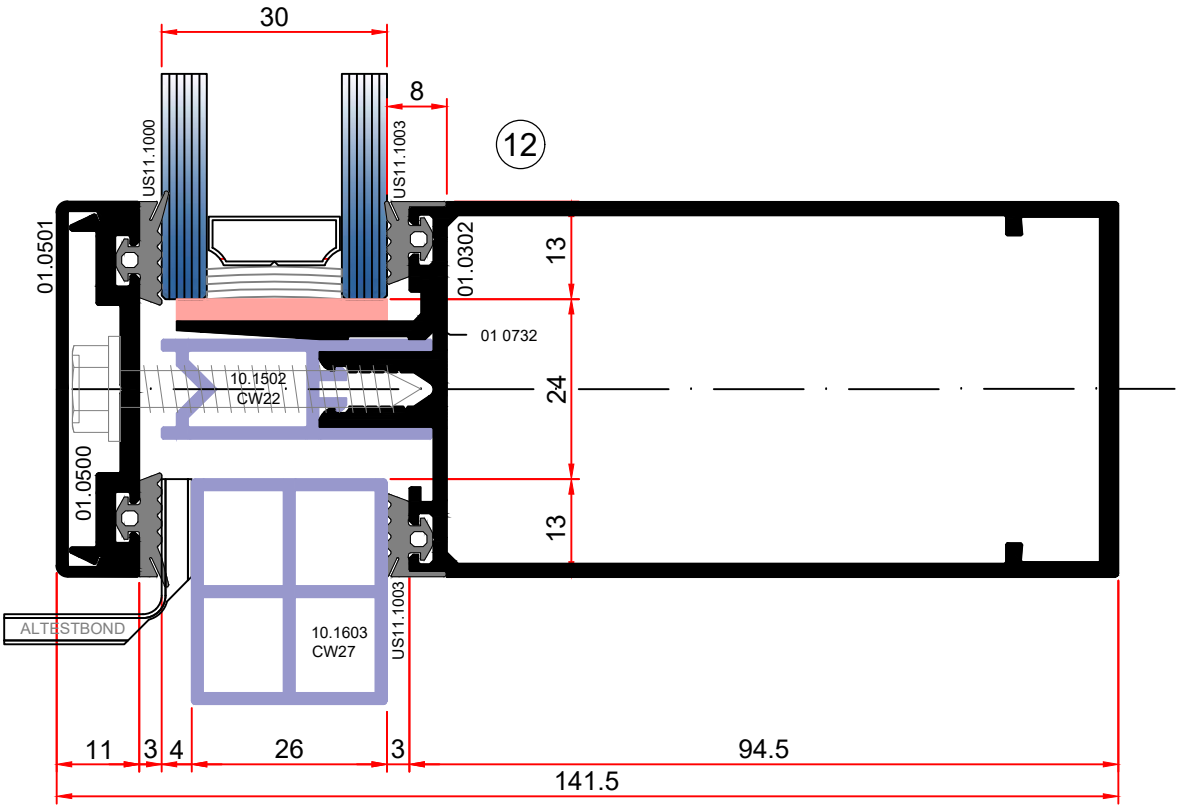


SCALE 1:1

Cover cap , 30 mm glazing
Transom





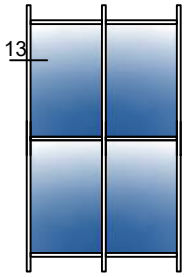


SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 32mm glazing
Mullion



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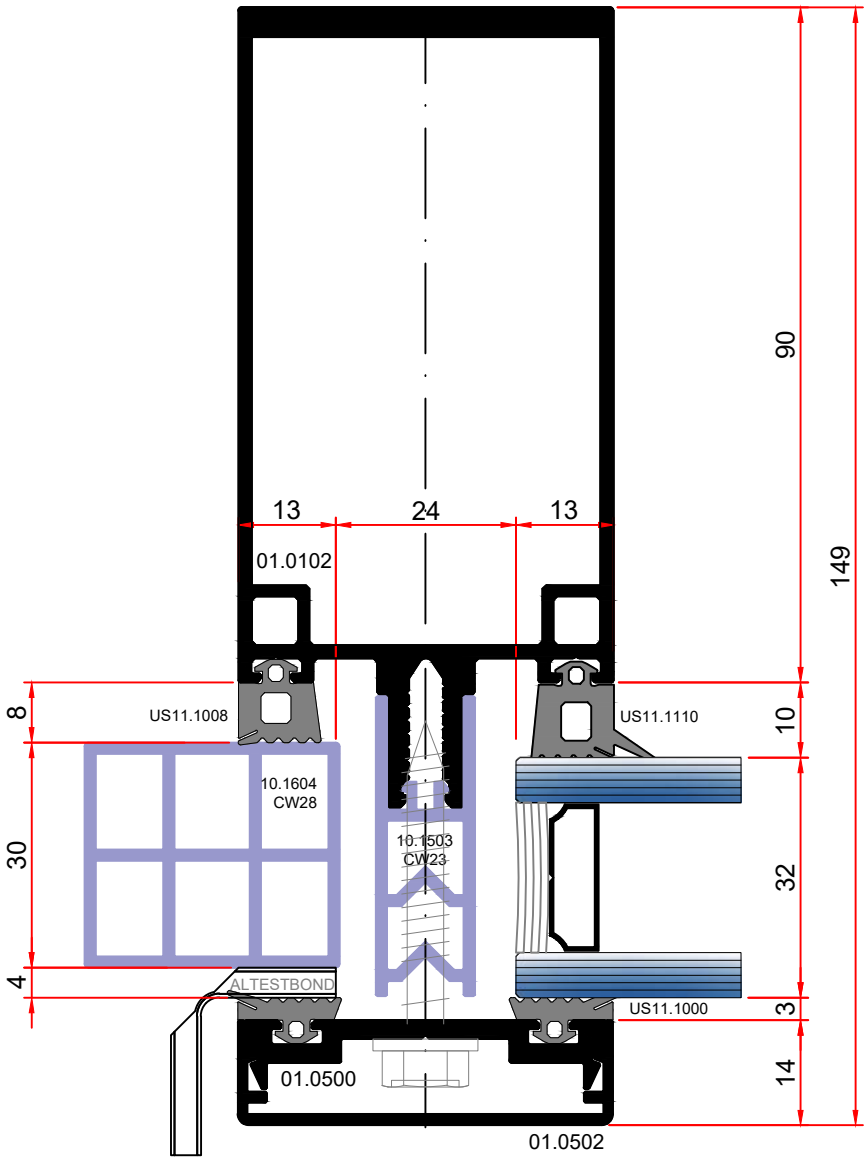
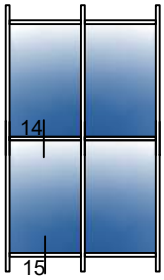


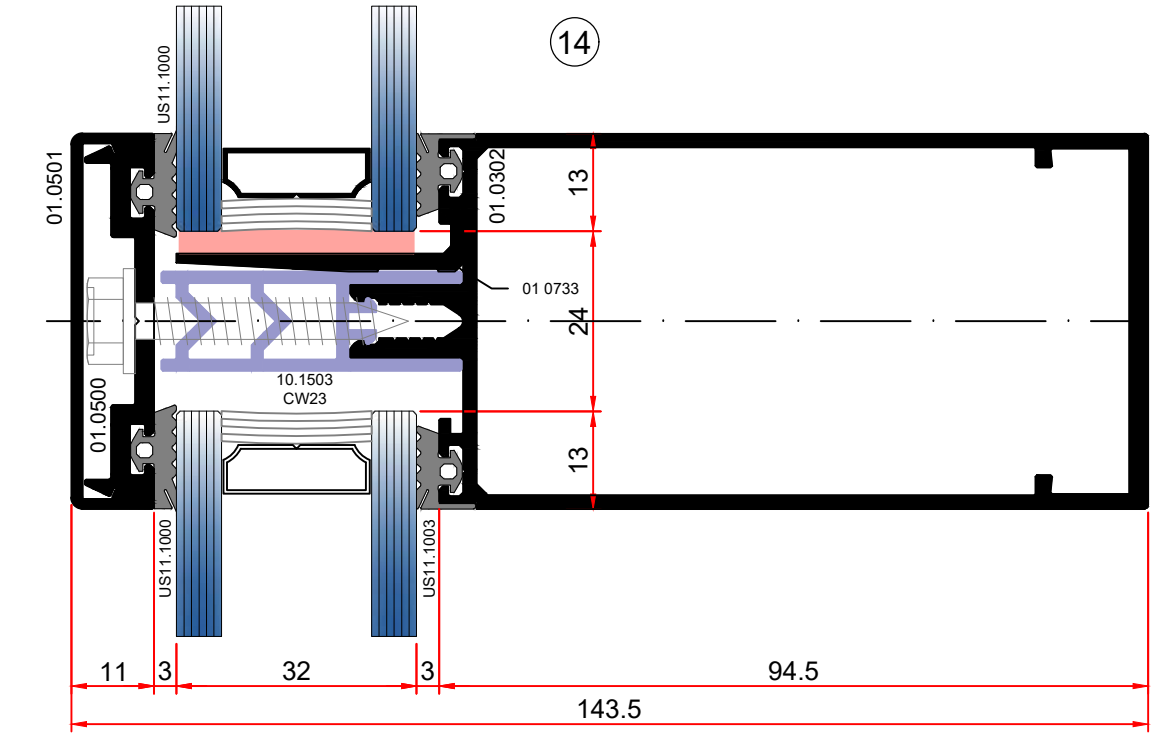
SCALE 1:1

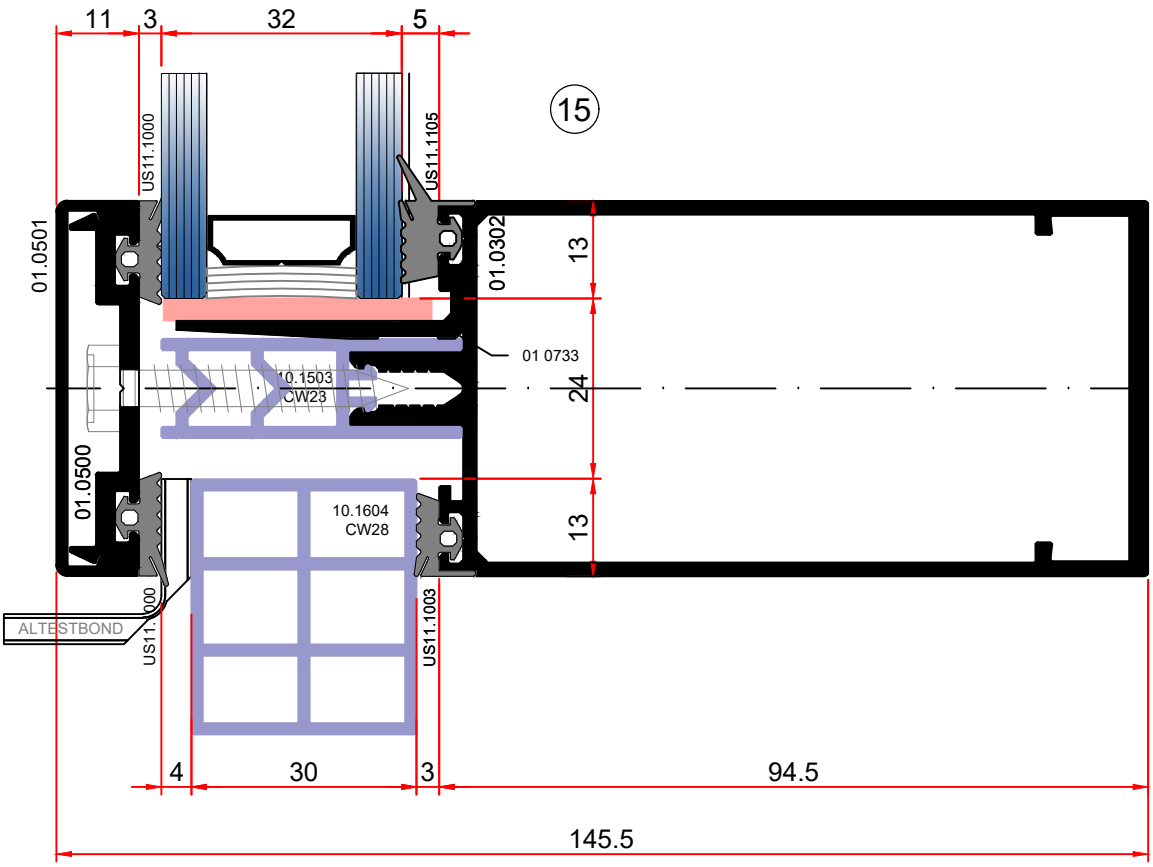
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 32 mm glazing
Transom





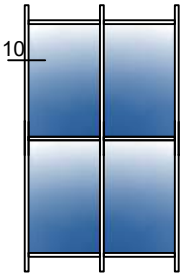


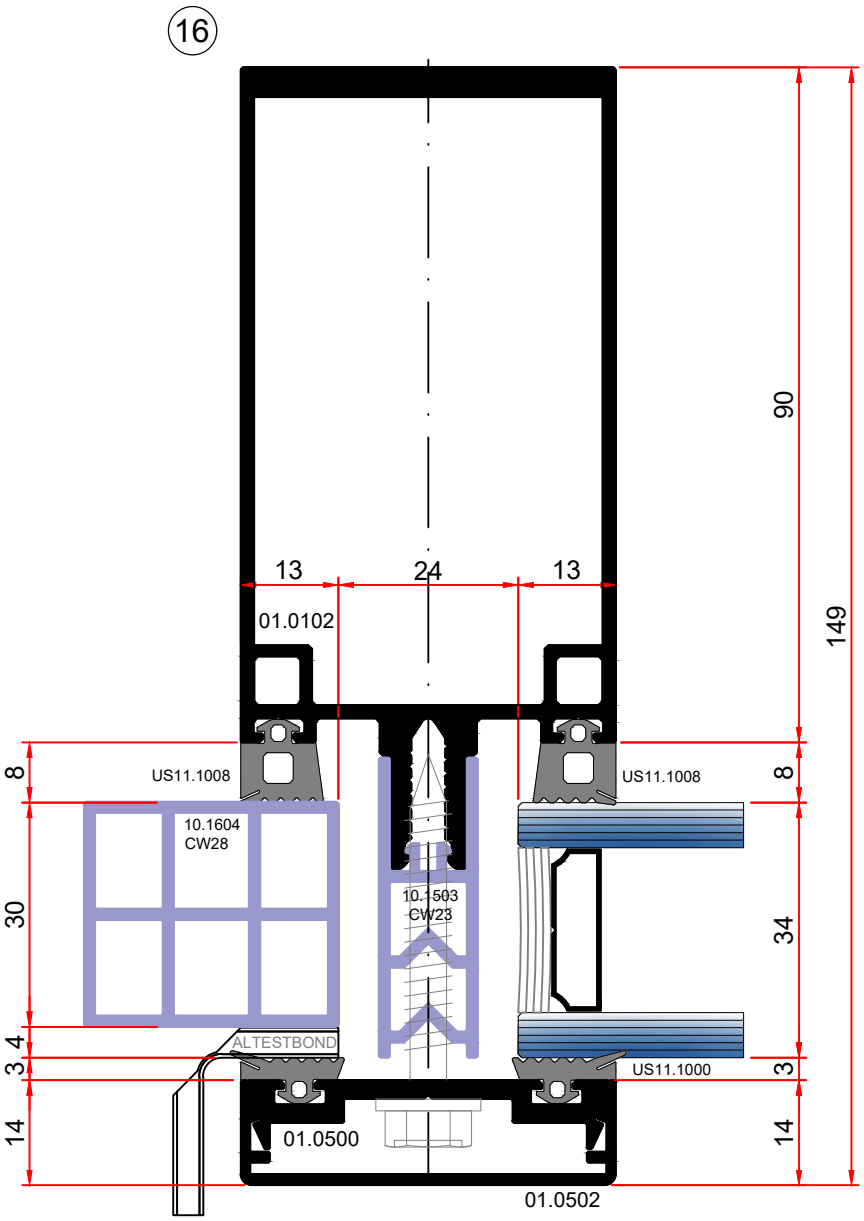
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

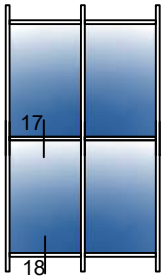
Cover cap , 34 mm glazing
Mullion

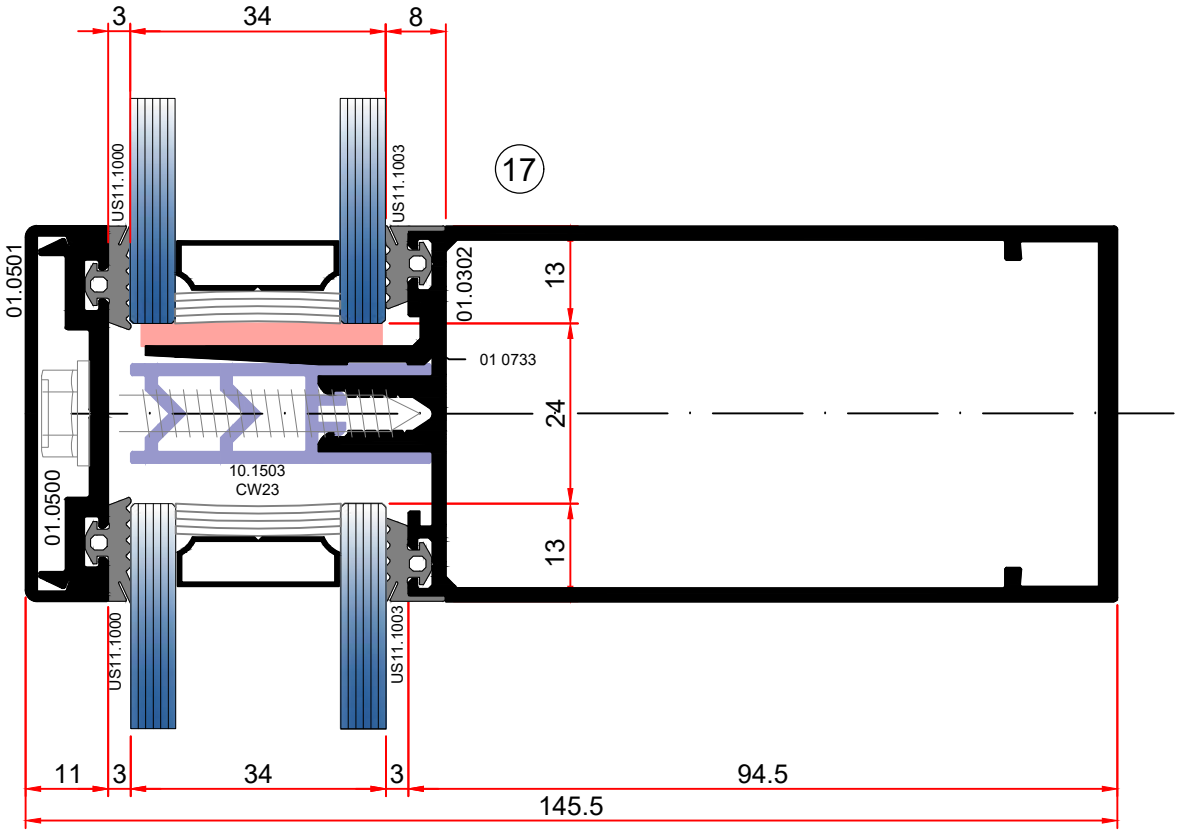


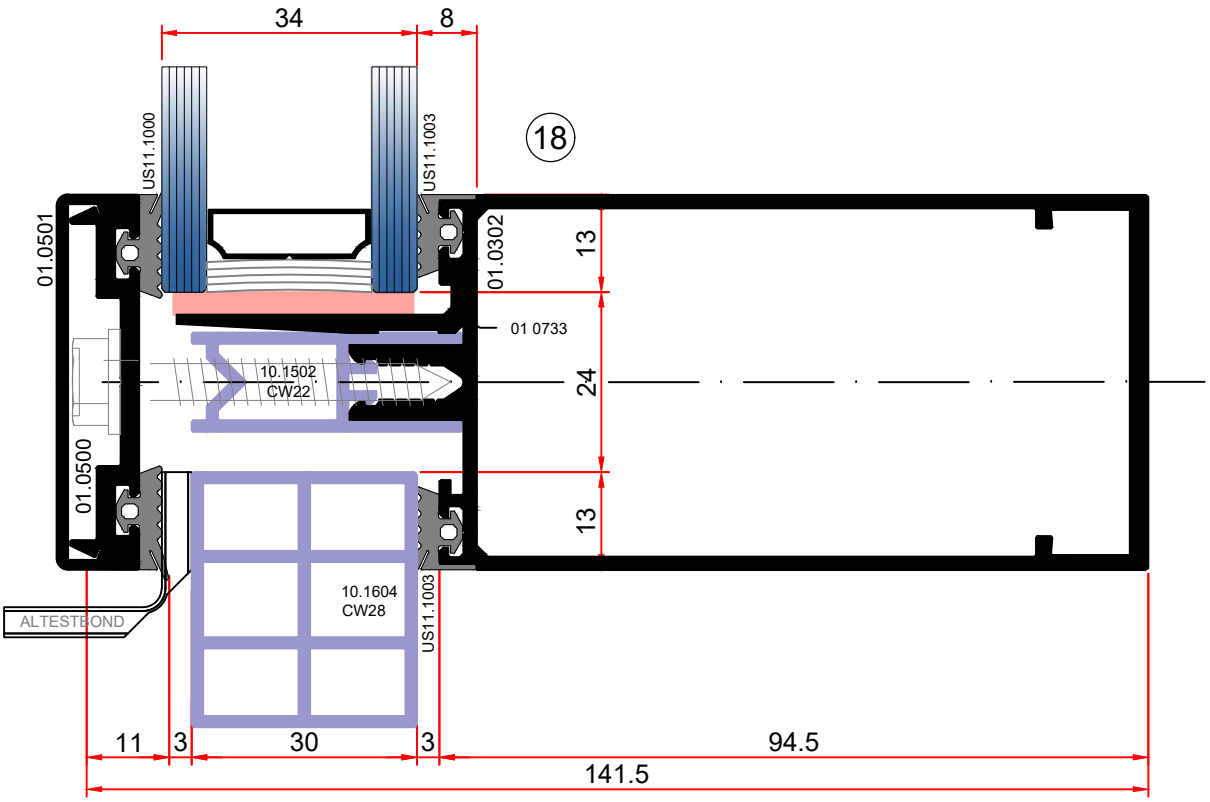


SCALE 1:1

Cover cap , 34 mm glazing
Transom

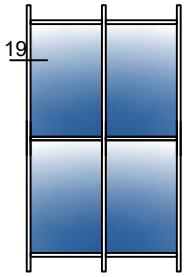






SCALE 1:1

Cover cap , 36mm glazing
Mullion



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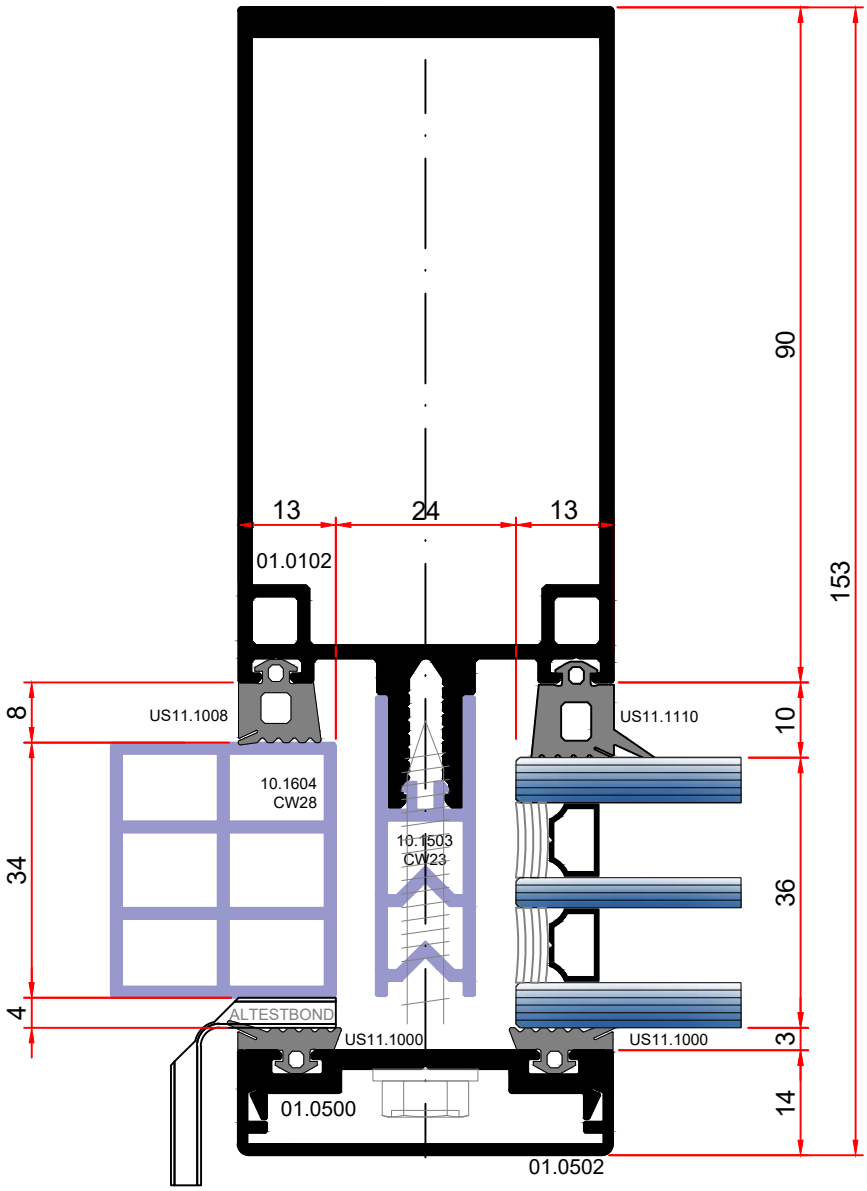
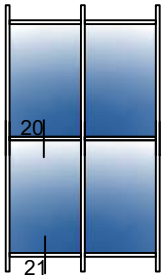


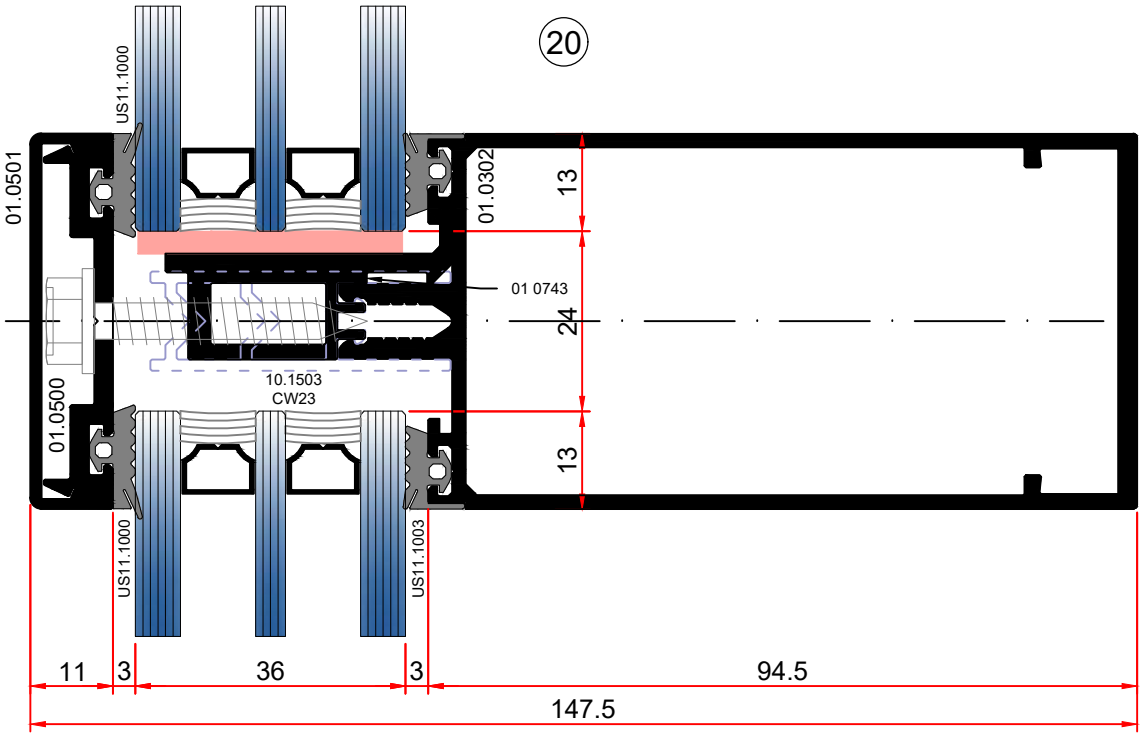
SCALE 1:1

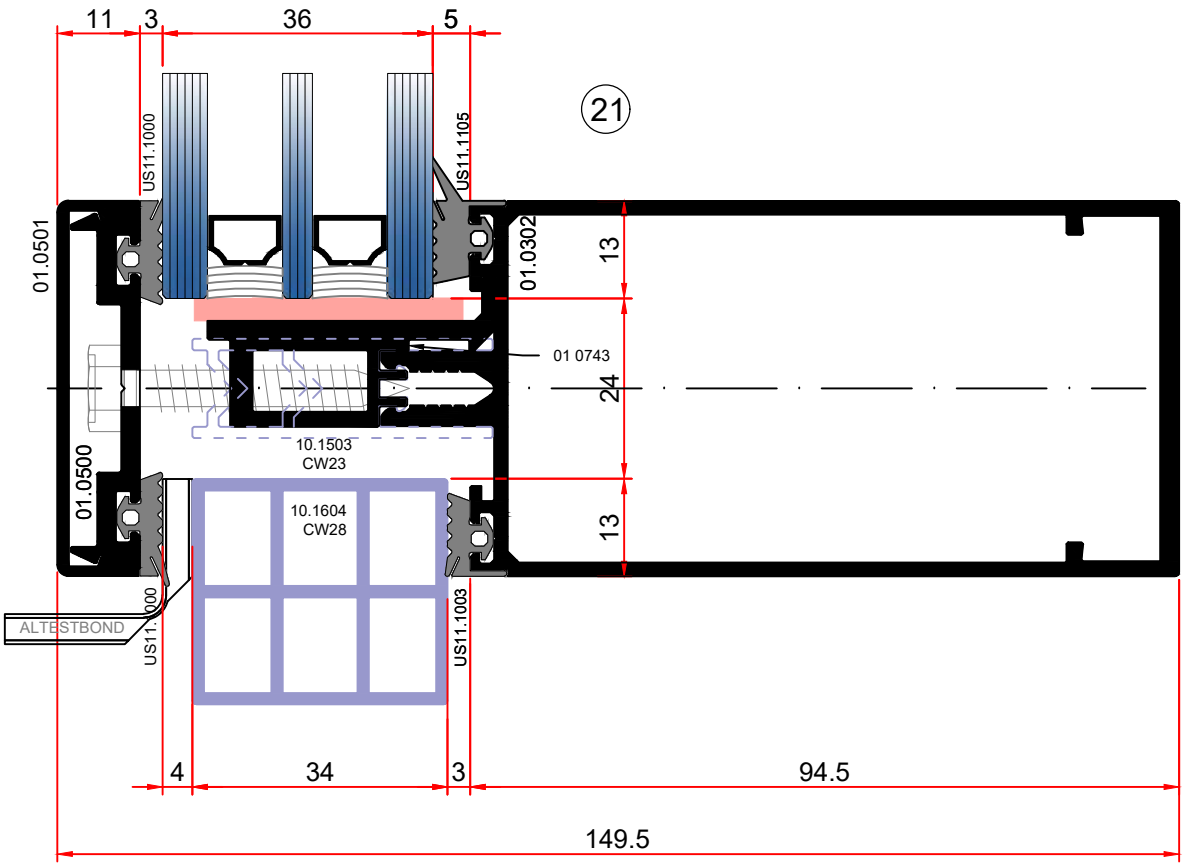
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 36 mm glazing
Transom





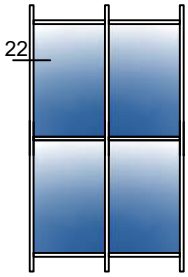


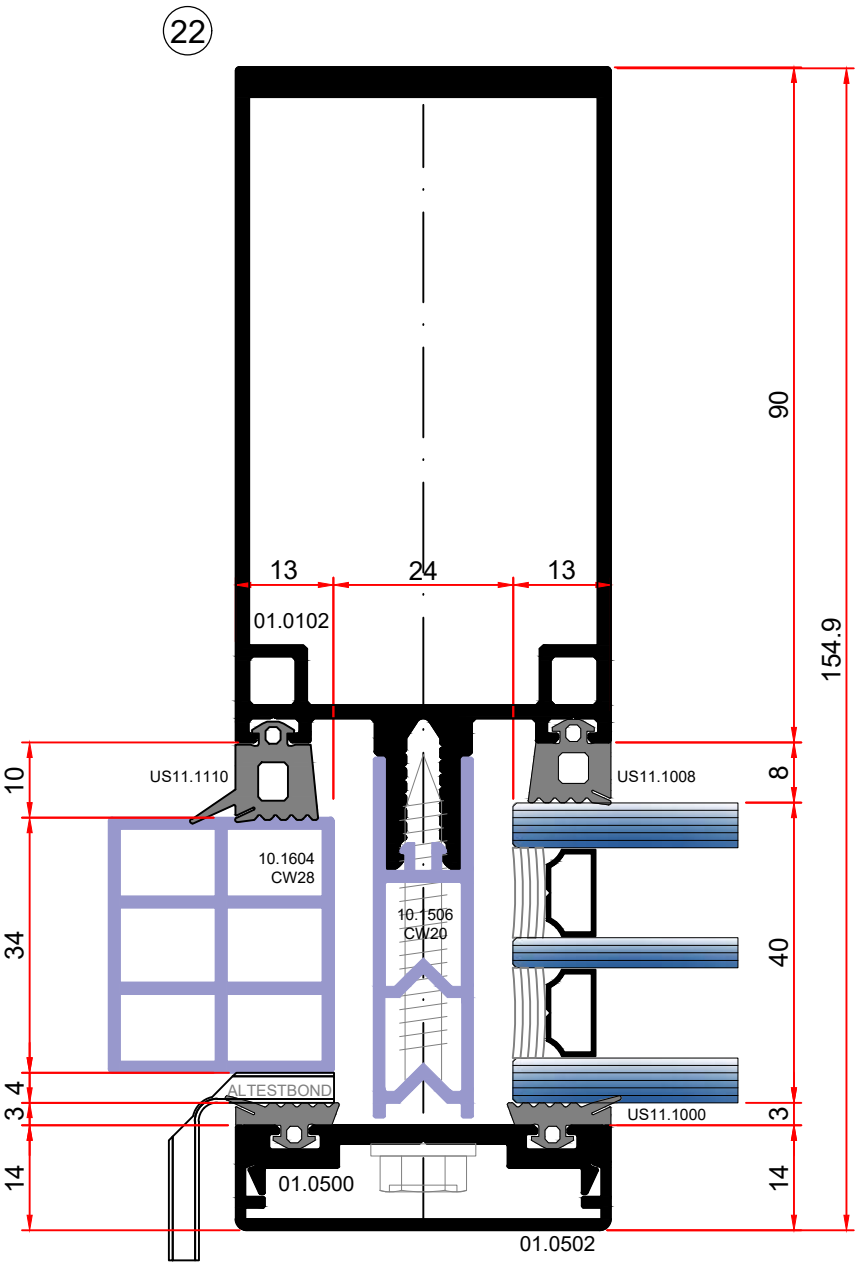
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 40 mm glazing
Mullion



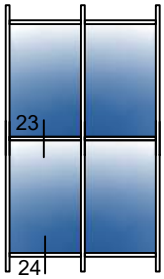


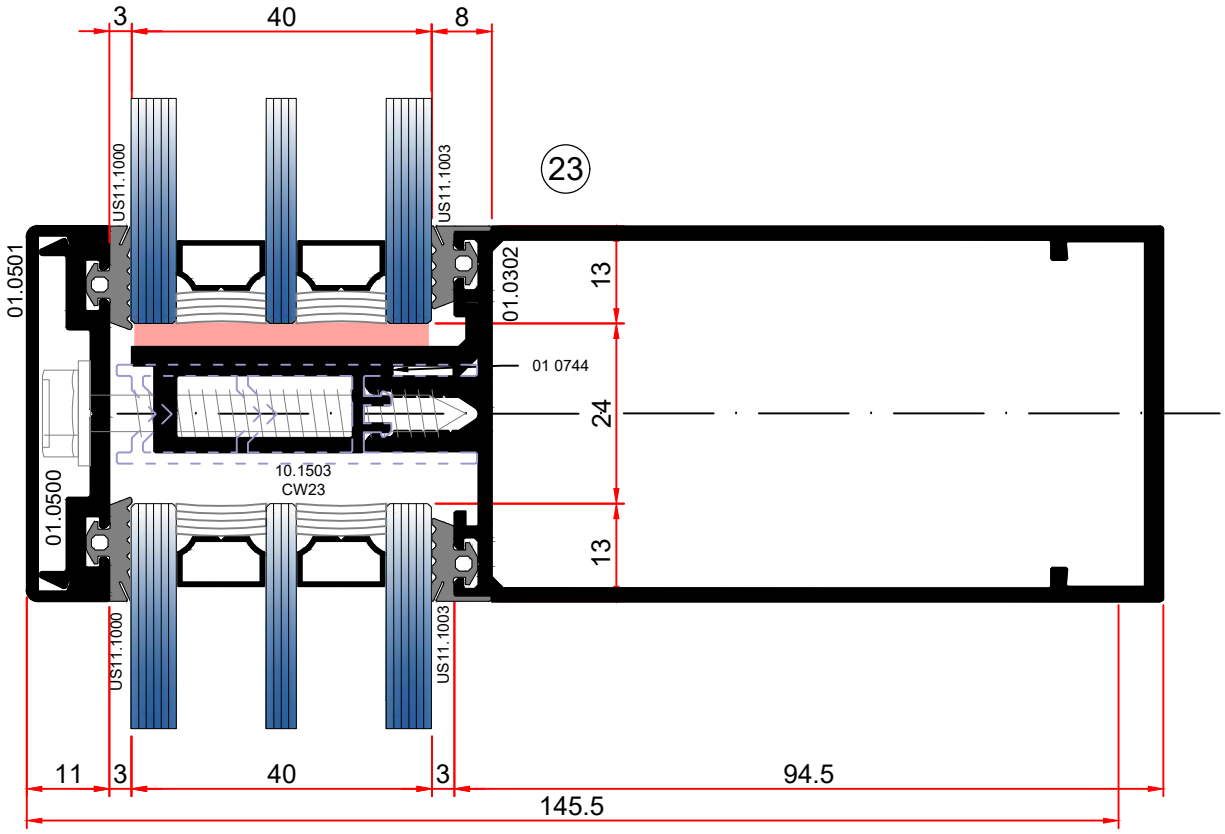
SCALE 1:1

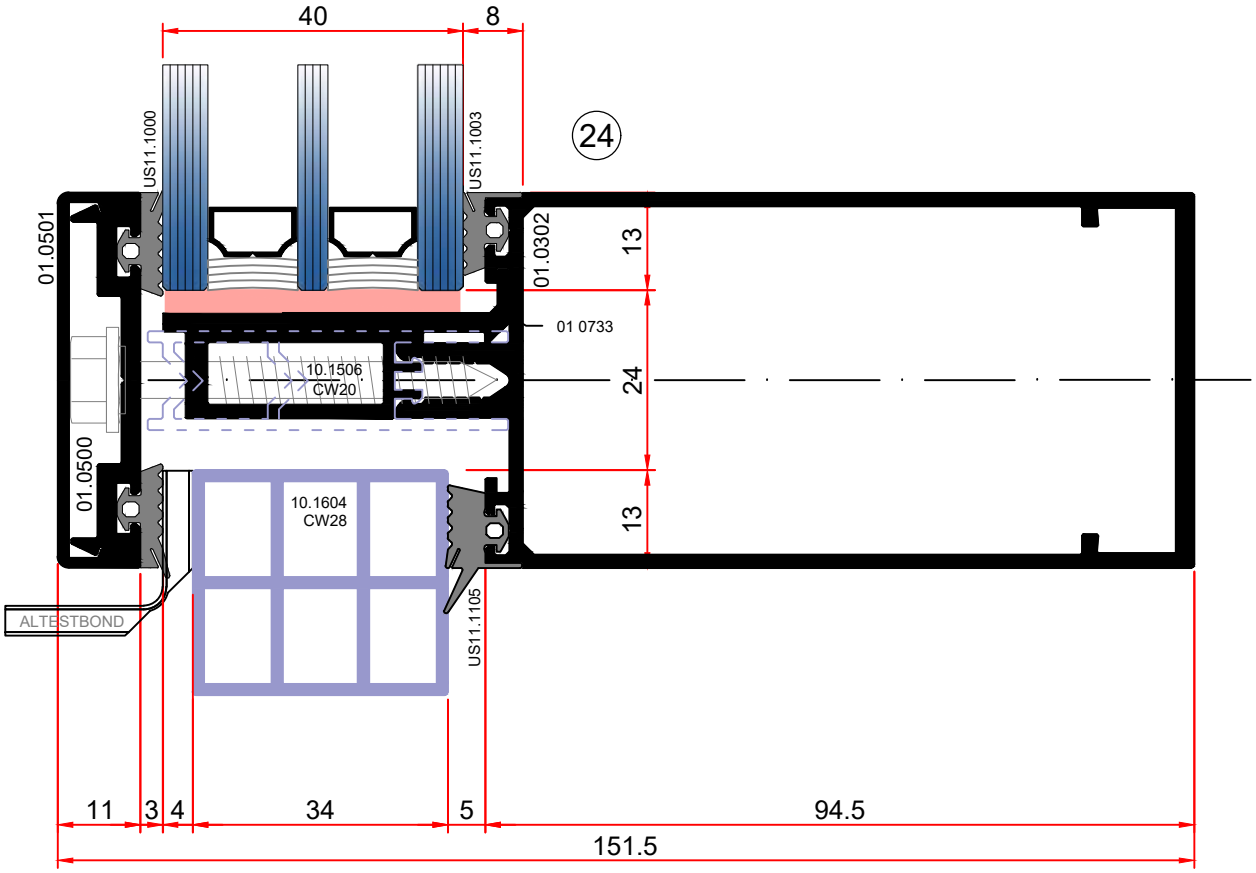
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 40 mm glazing
Transom





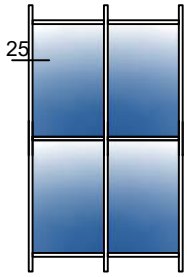


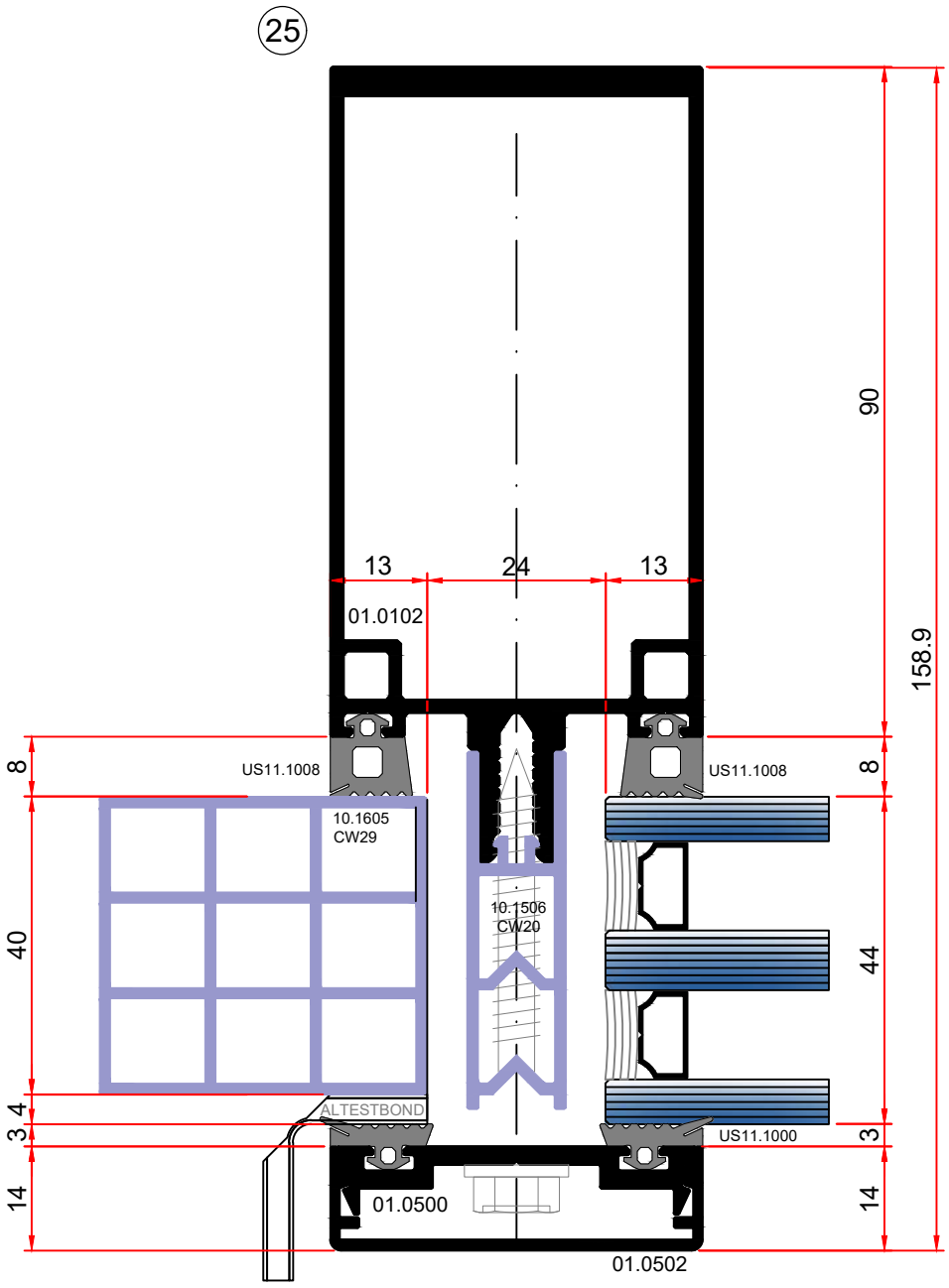
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 44 mm glazing
Mullion



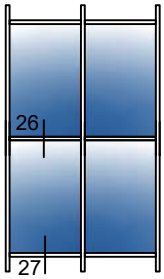


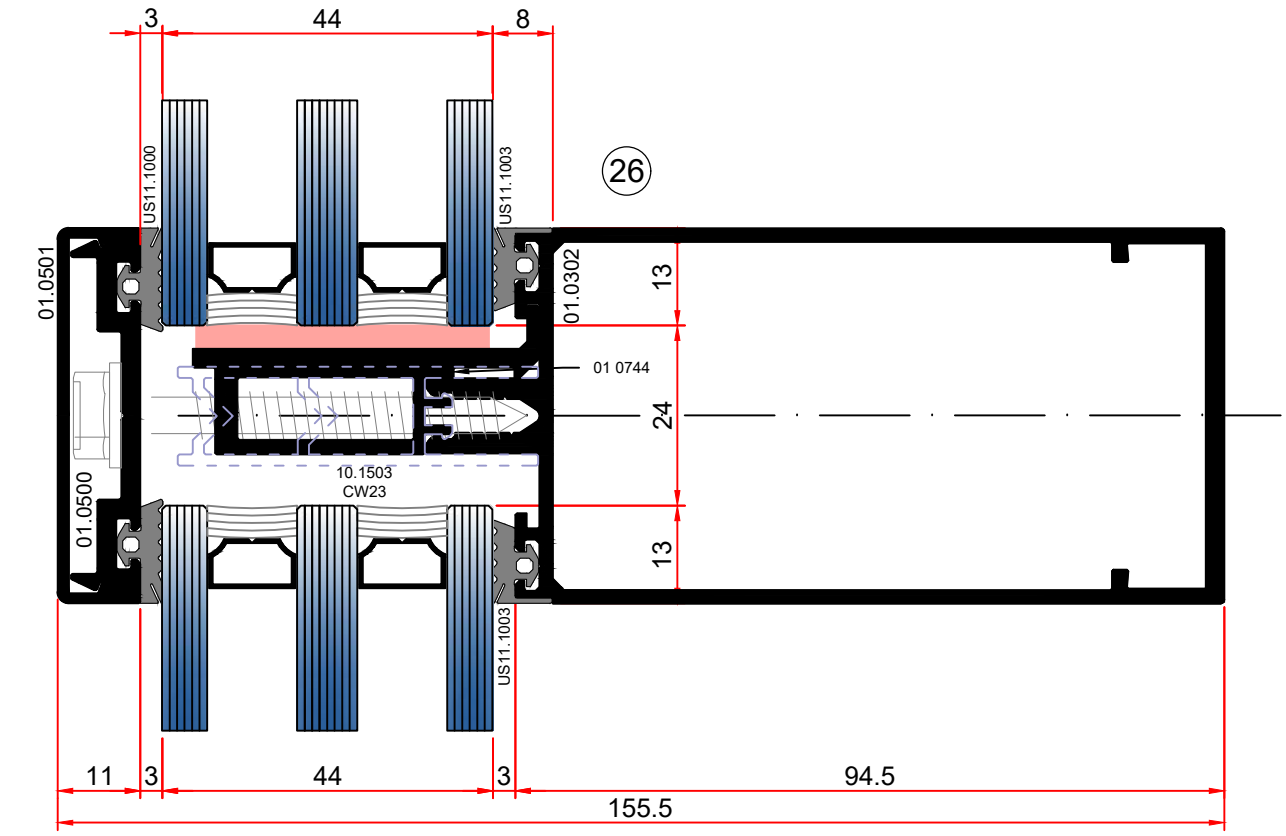
SCALE 1:1

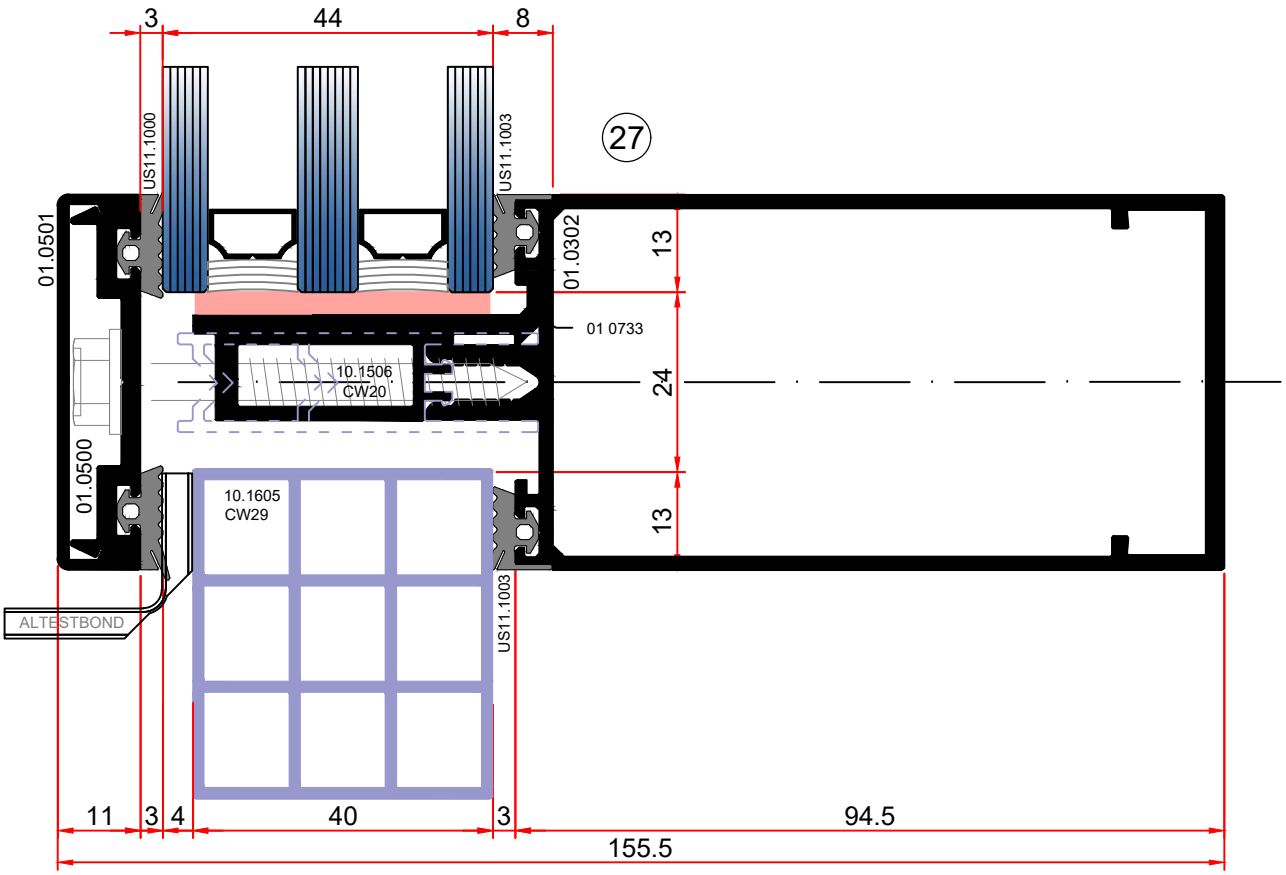
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap , 44 mm glazing
Transom







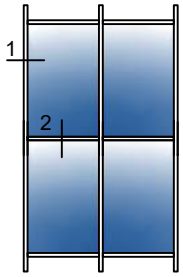
SCALE 1:1

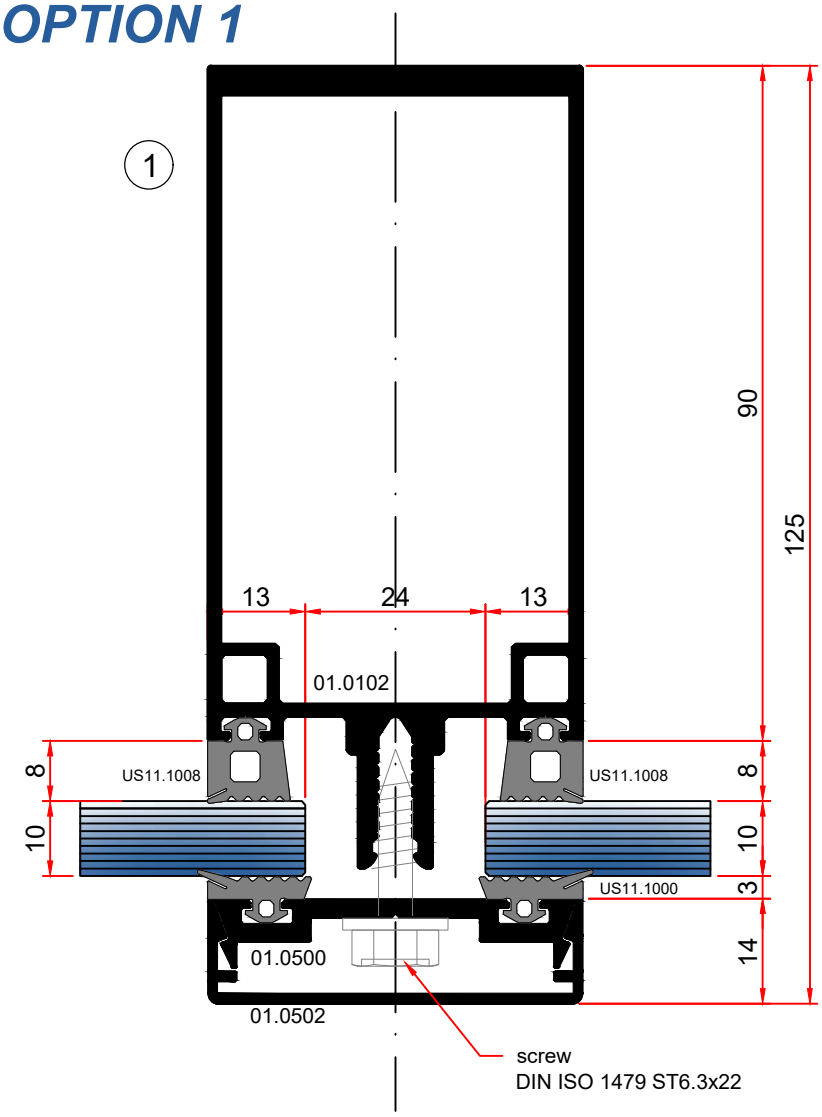
CW 50
Curtain Wall system

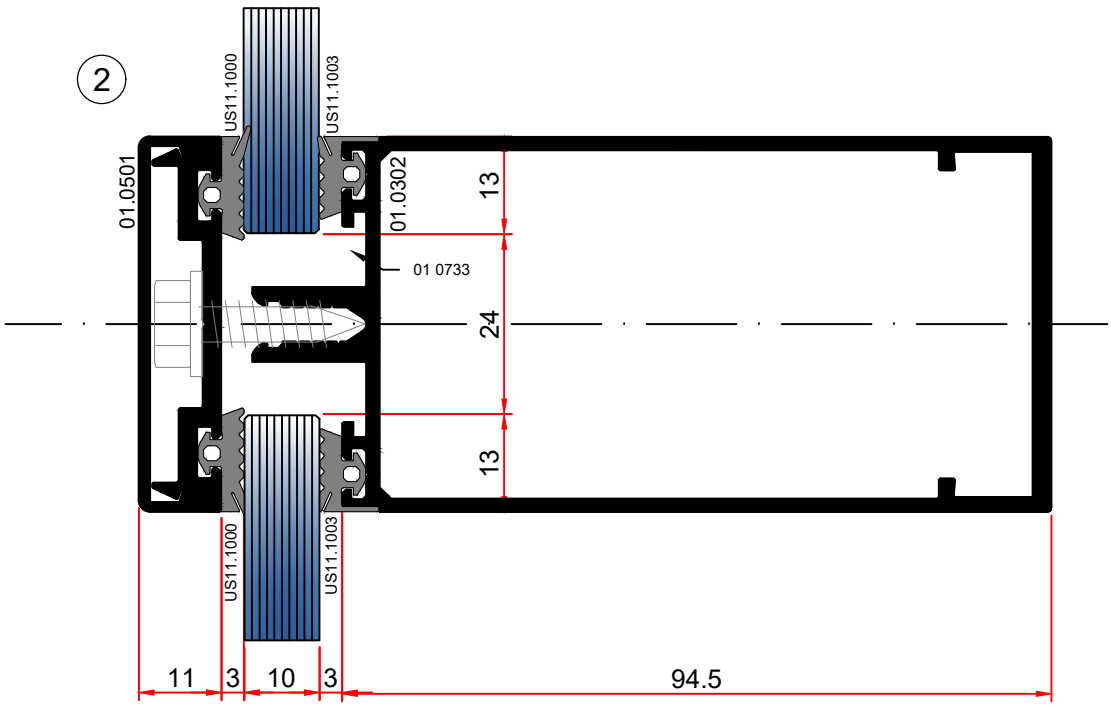
ALTEST® ALUMINIUM PROFILES SYSTEM

Cover cap for single glass 10 mm

OPTION 1







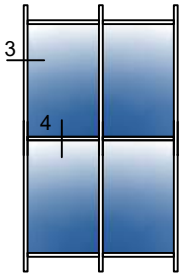
SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Cover cap for single glass 10 mm

OPTION 2



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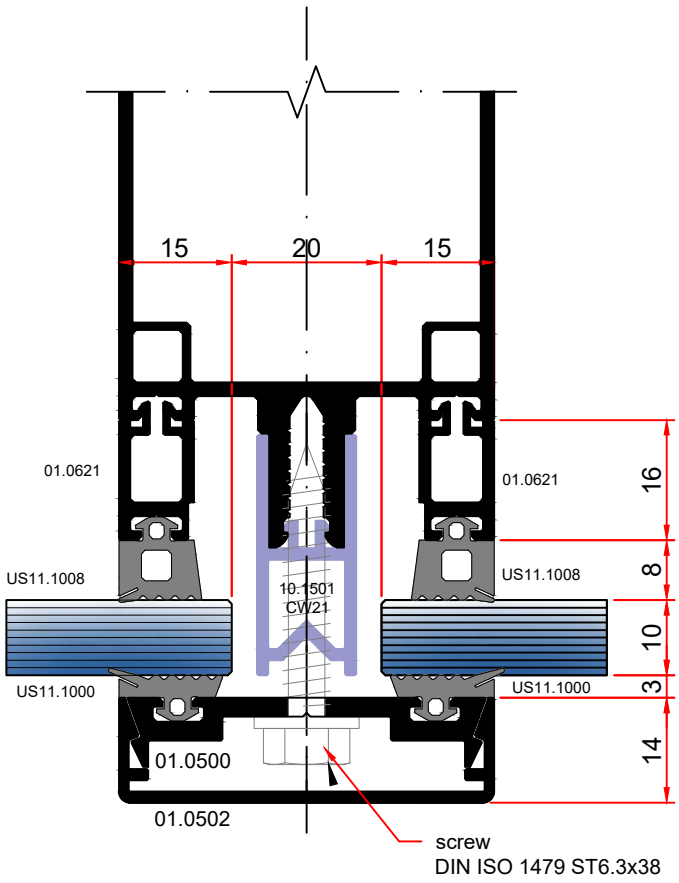

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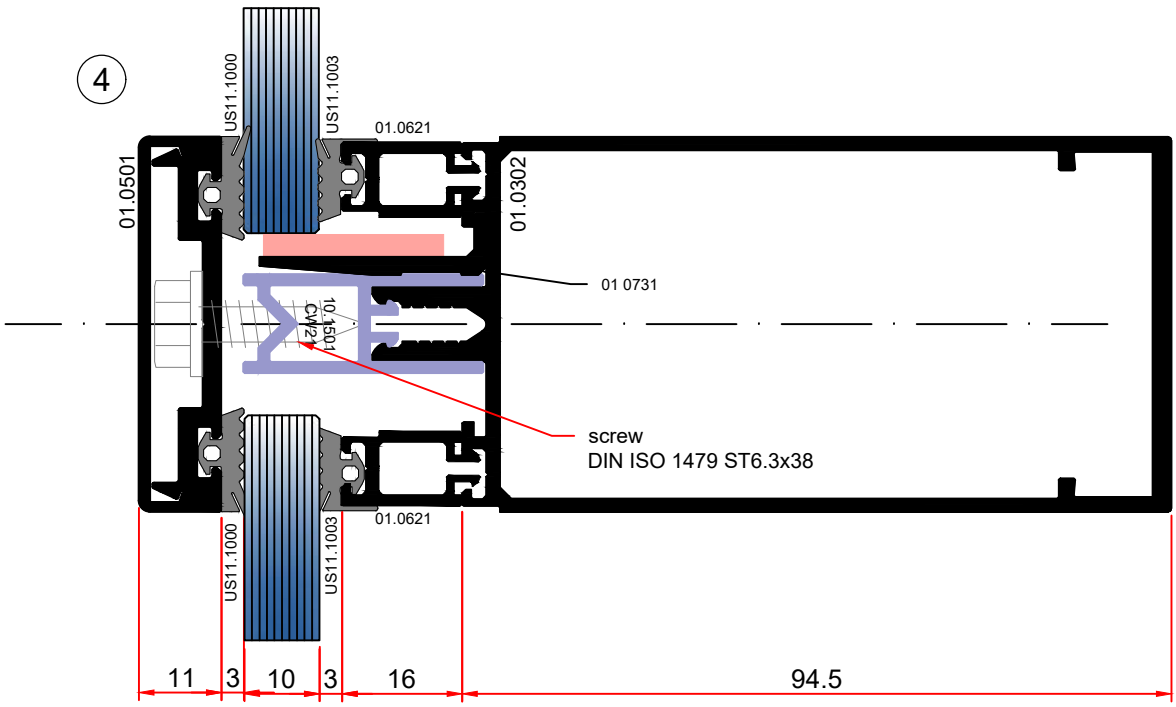
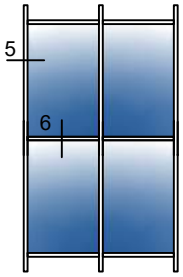


SCALE 1:1

CW 50
Curtain Wall system

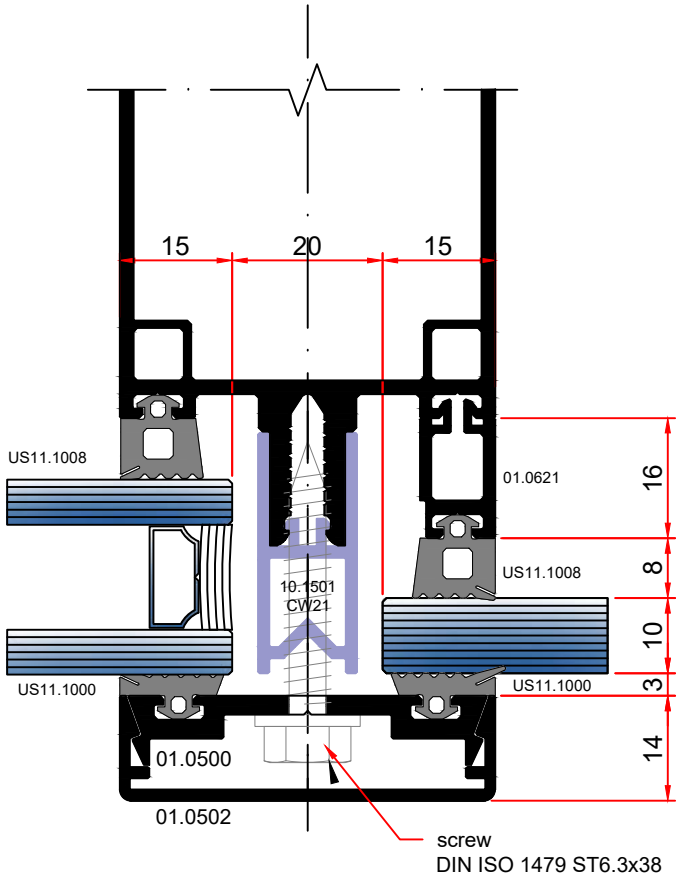
ALTEST®
ALUMINIUM PROFILES SYSTEM

Cover cap for single glass 10 mm



Combination between glazing single glass

5



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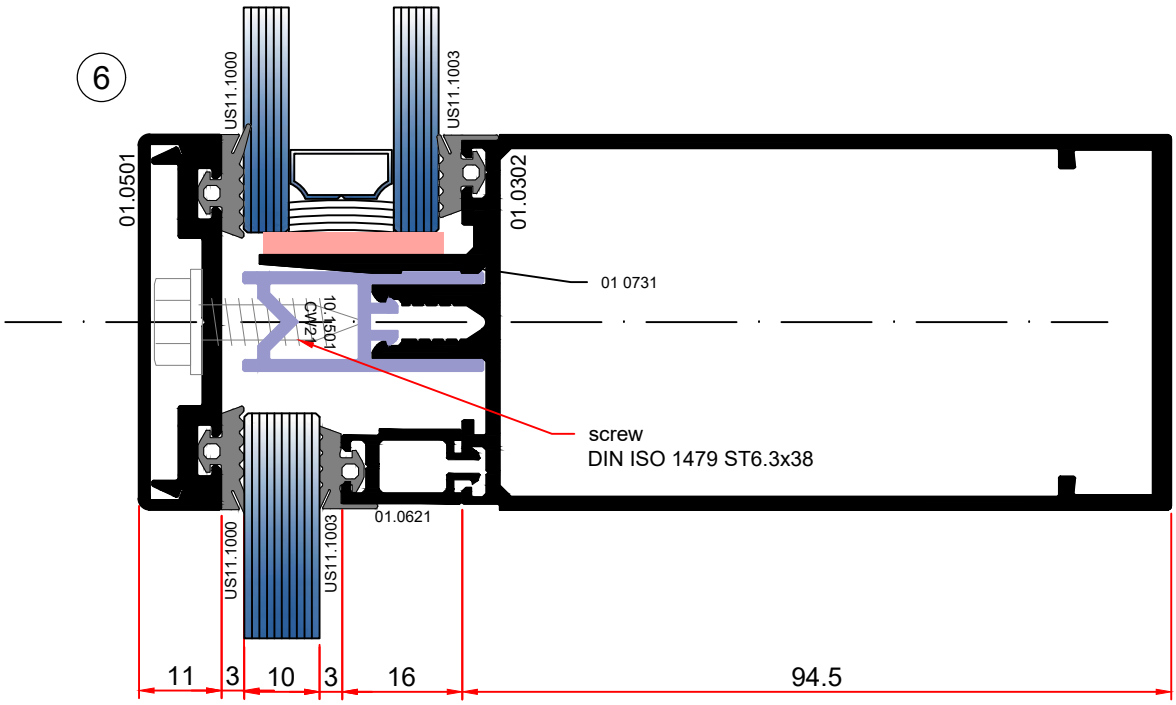


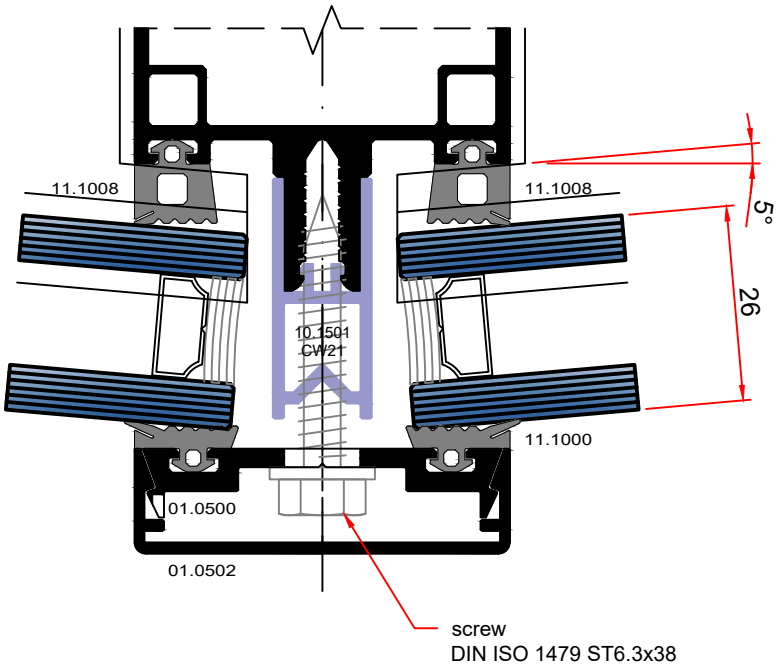
SCALE 1:1

CW 50
Curtain Wall system

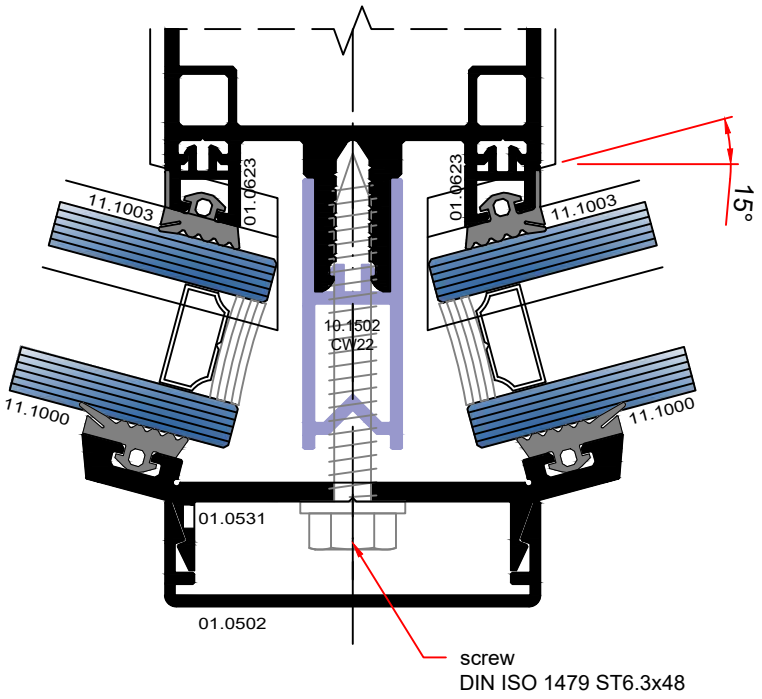
ALTEST®
ALUMINIUM PROFILES SYSTEM

Additional profiles for polygonal facade structure

0° - 5°



5° - 15°



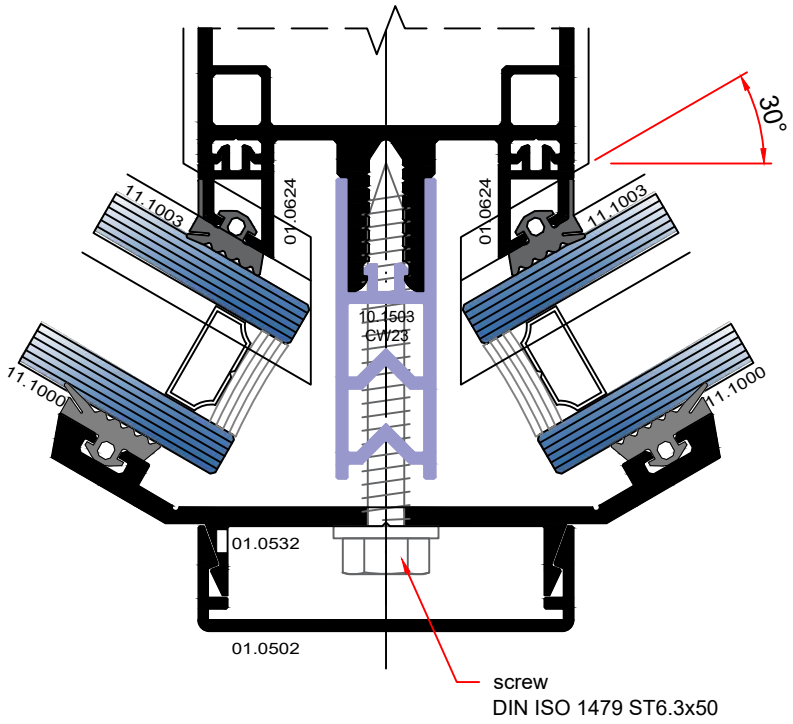
SCALE 1:1

CW 50
Curtain Wall system

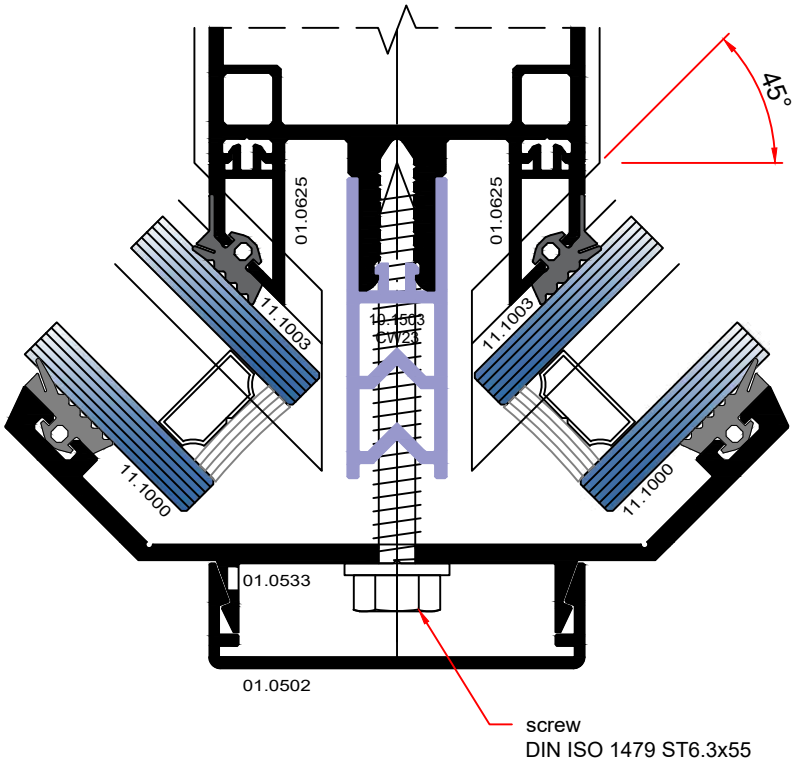
ALTEST®
ALUMINIUM PROFILES SYSTEM

Additional profiles for polygonal facade structure

15° - 30°



30° - 45°

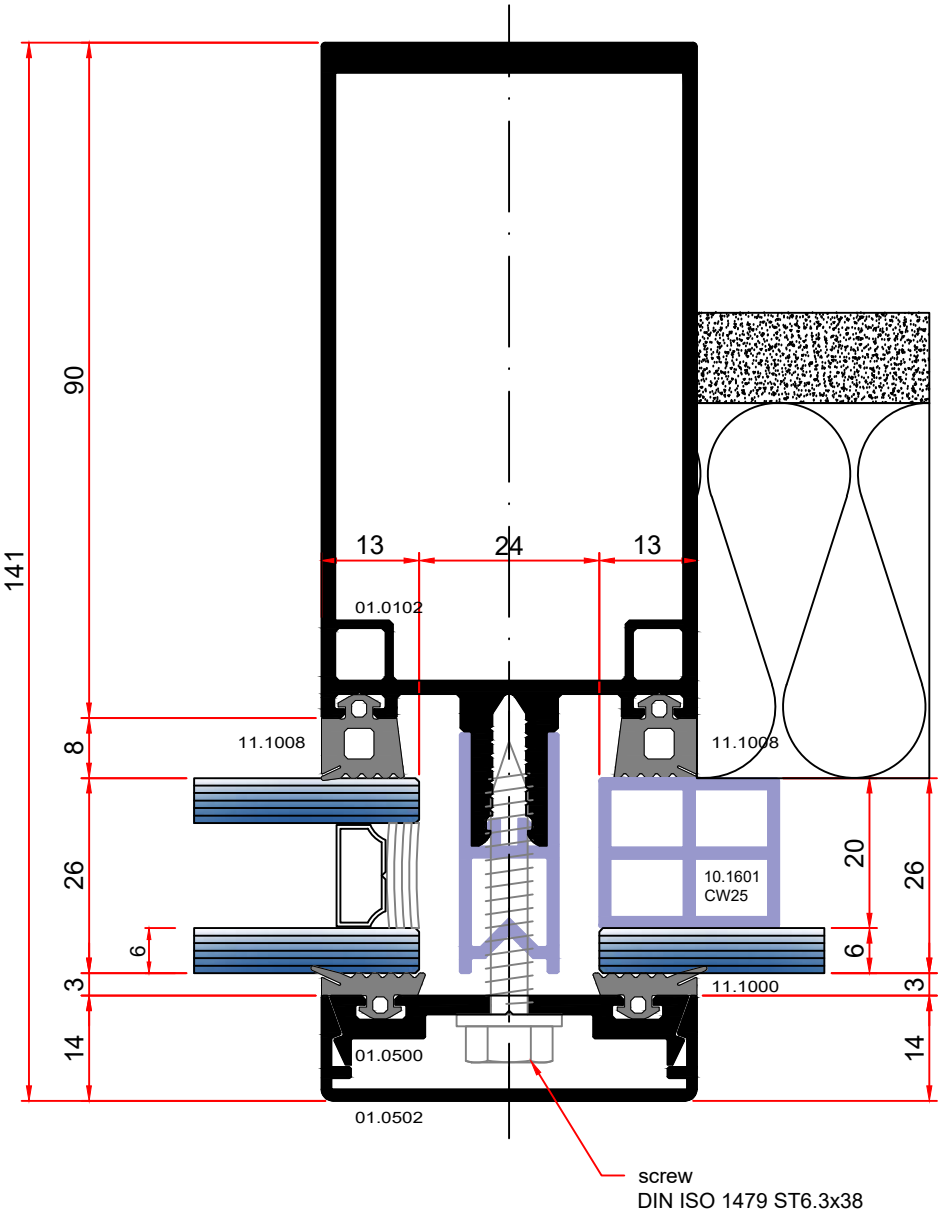


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Solid zone , single glass
Mullion

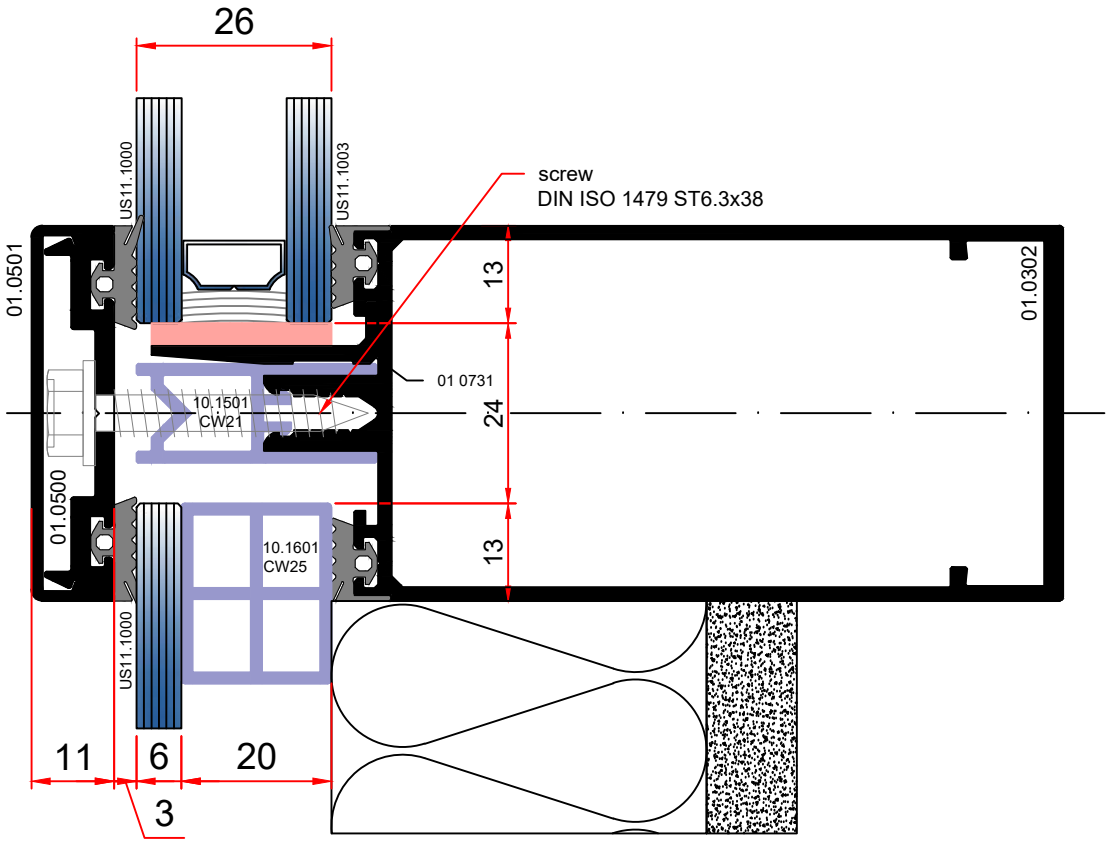


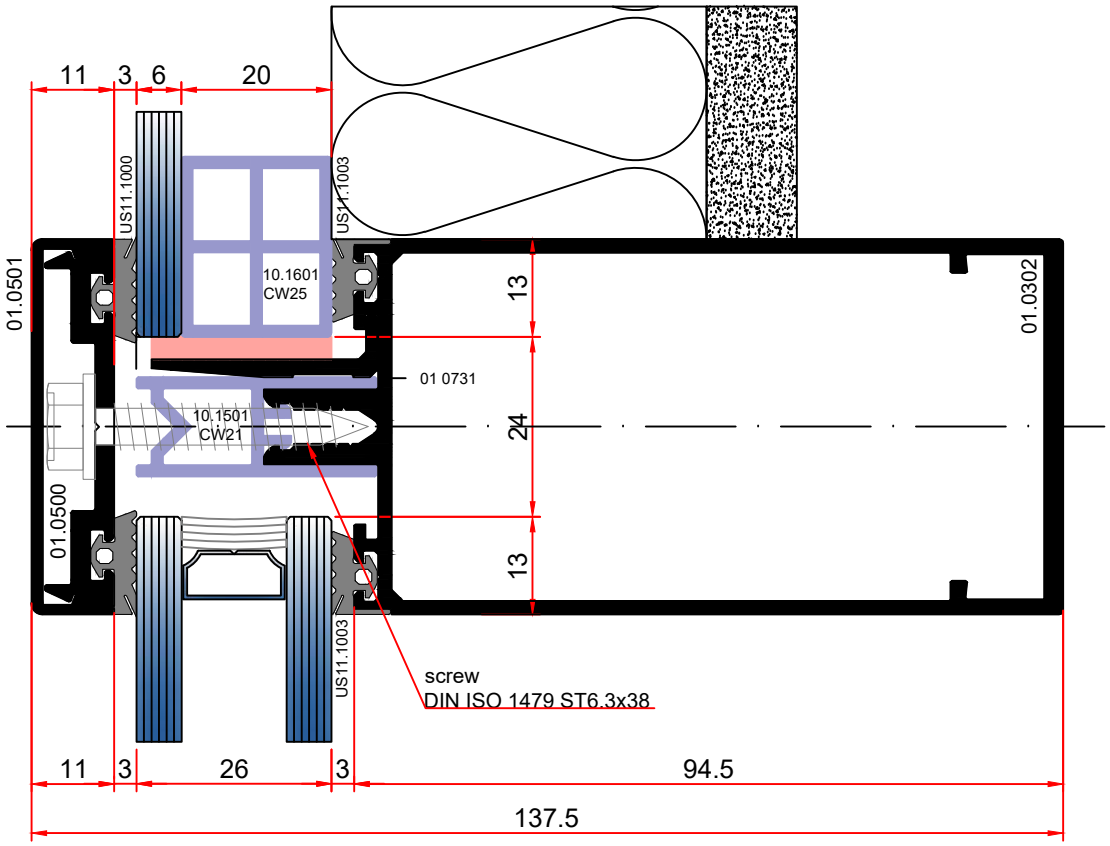
SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Solid zone , single glass
Transom



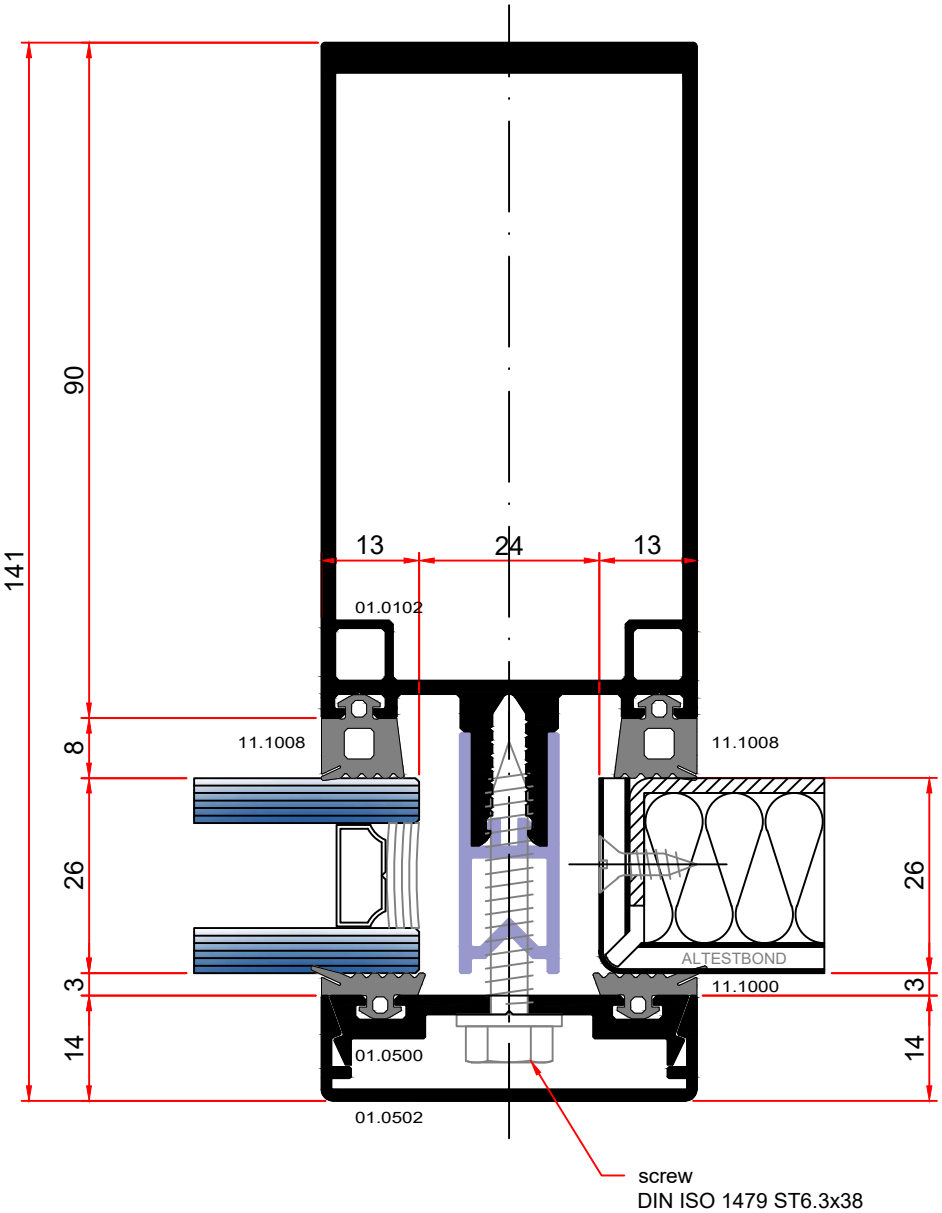


SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Solid zone , thermo - insulation panel
Mullion

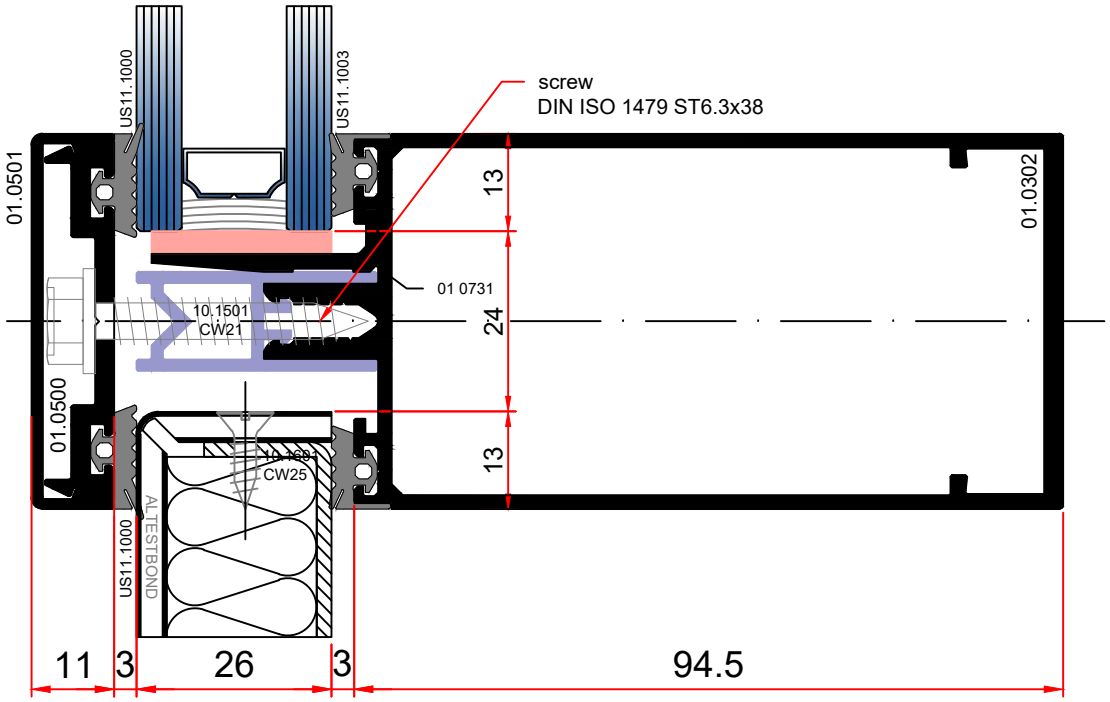


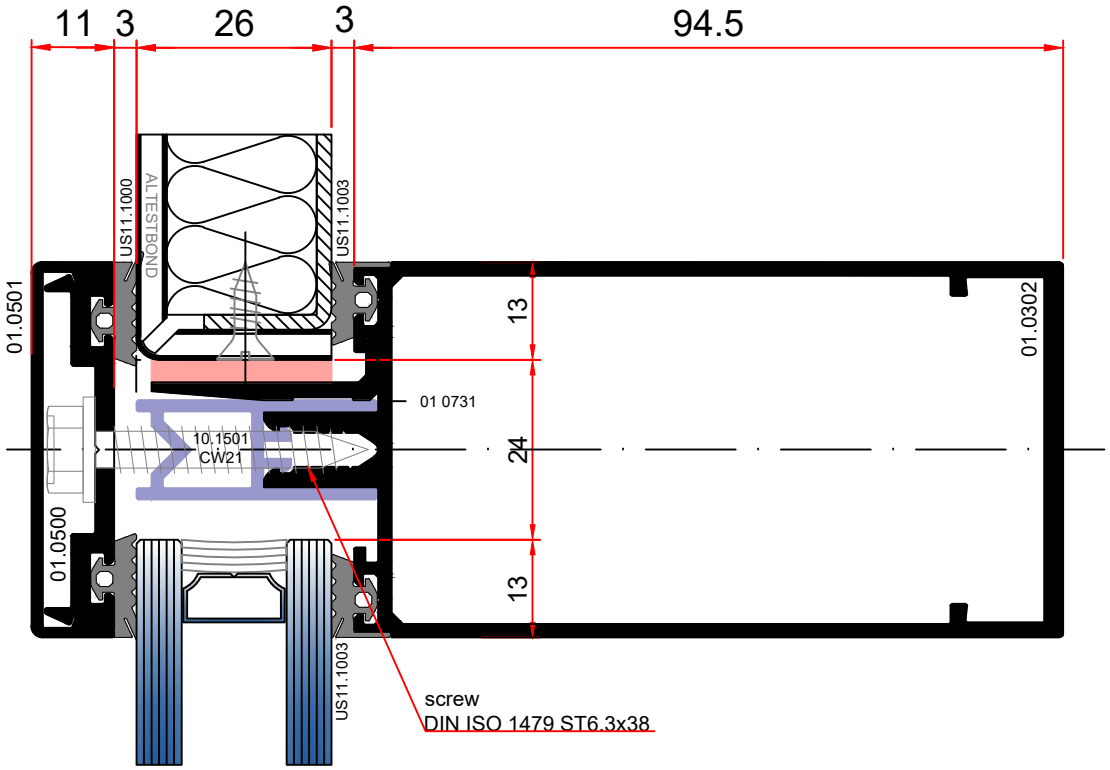
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Solid zone , thermo - insulation panel
Transom



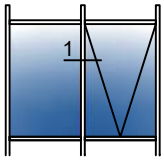


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Cover cap for outwards projecting window, 26 mm glazing Mullion



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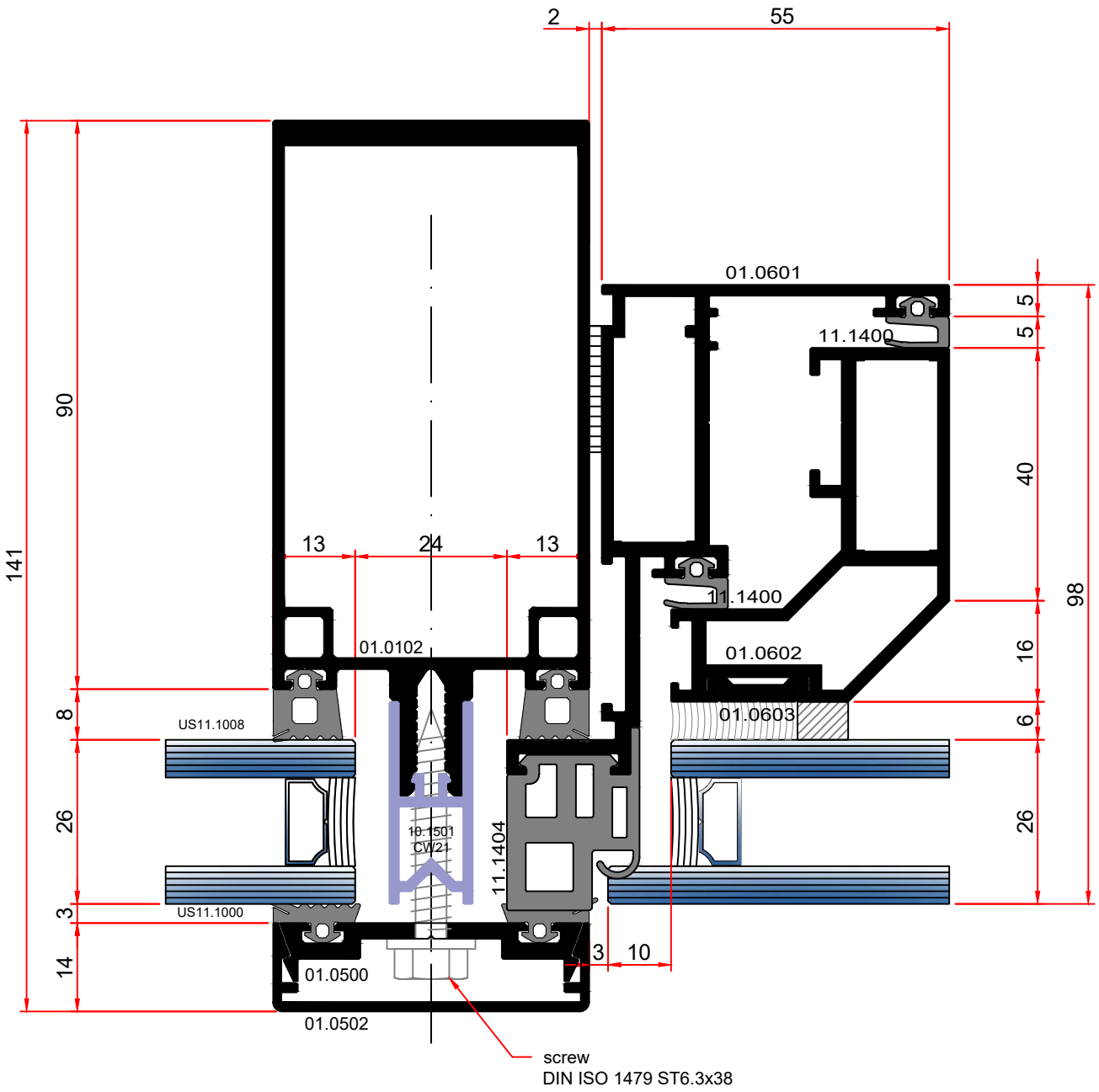
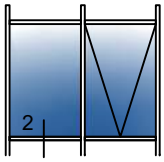


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Cover cap for outwards projecting window, 26 mm glazing Transom



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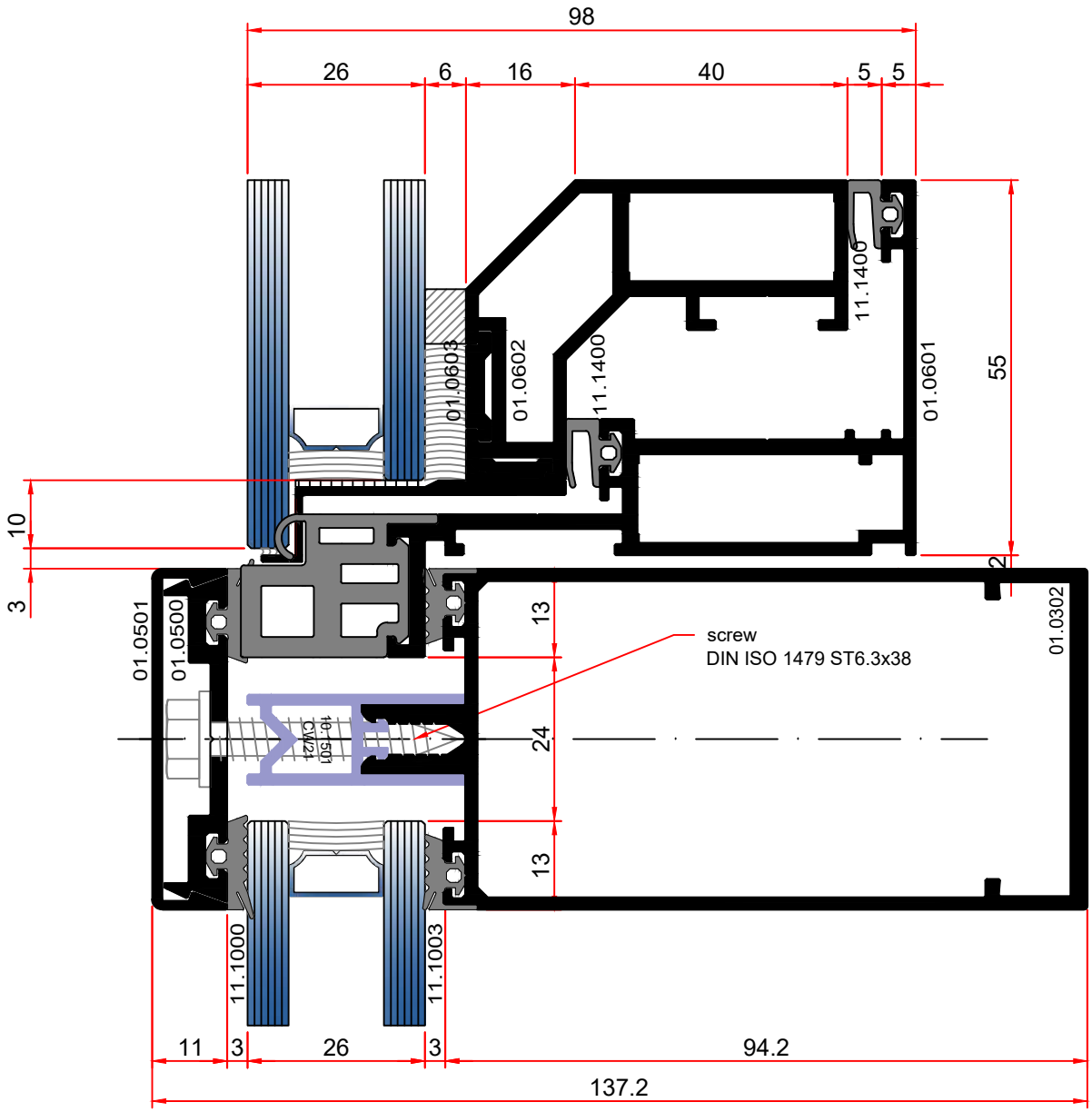
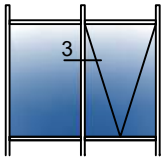


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Cover cap for outwards projecting window, 44 mm glazing Mullion



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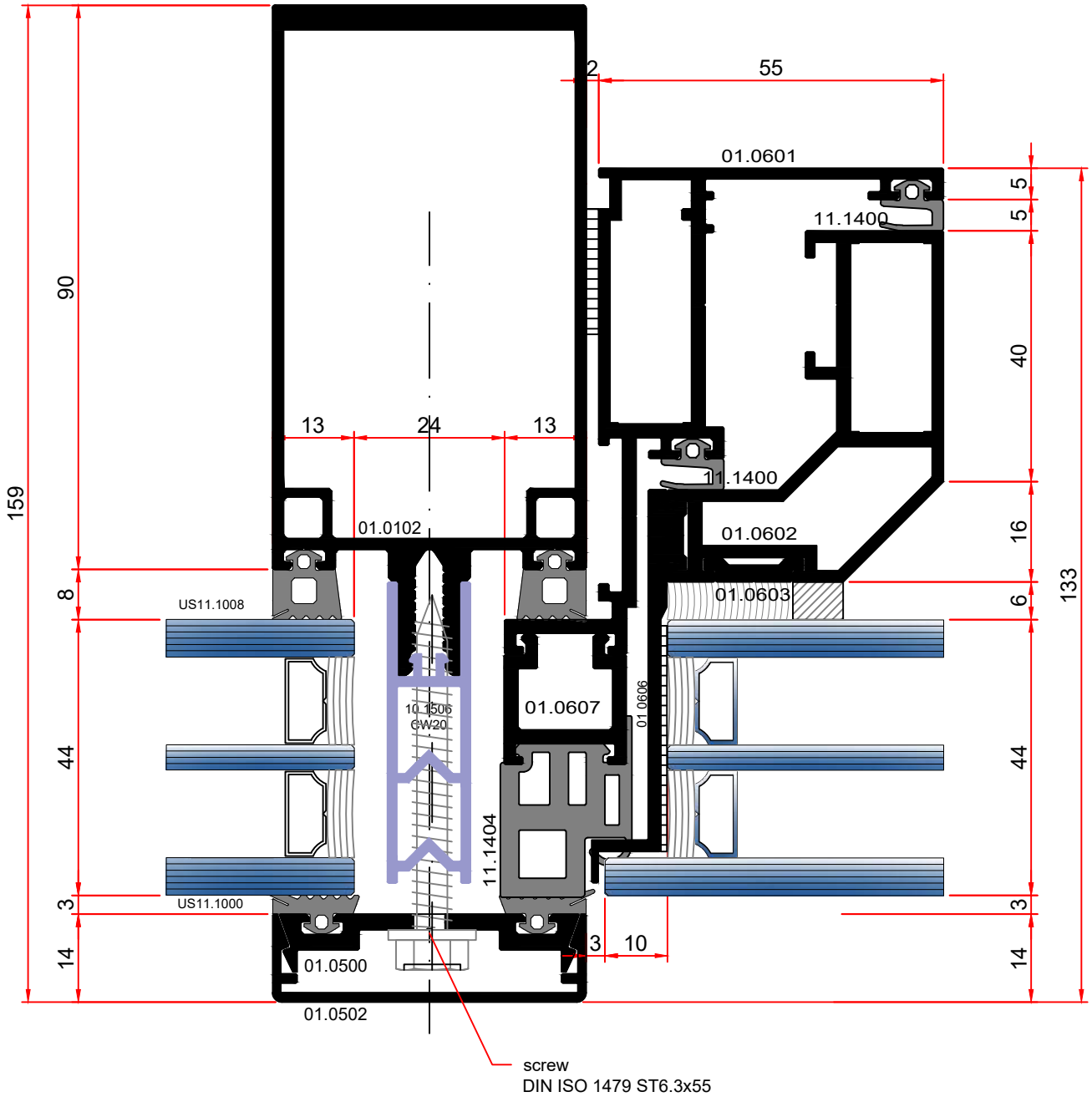
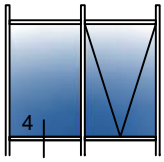


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Cover cap for outwards projecting window, 44 mm glazing Transom



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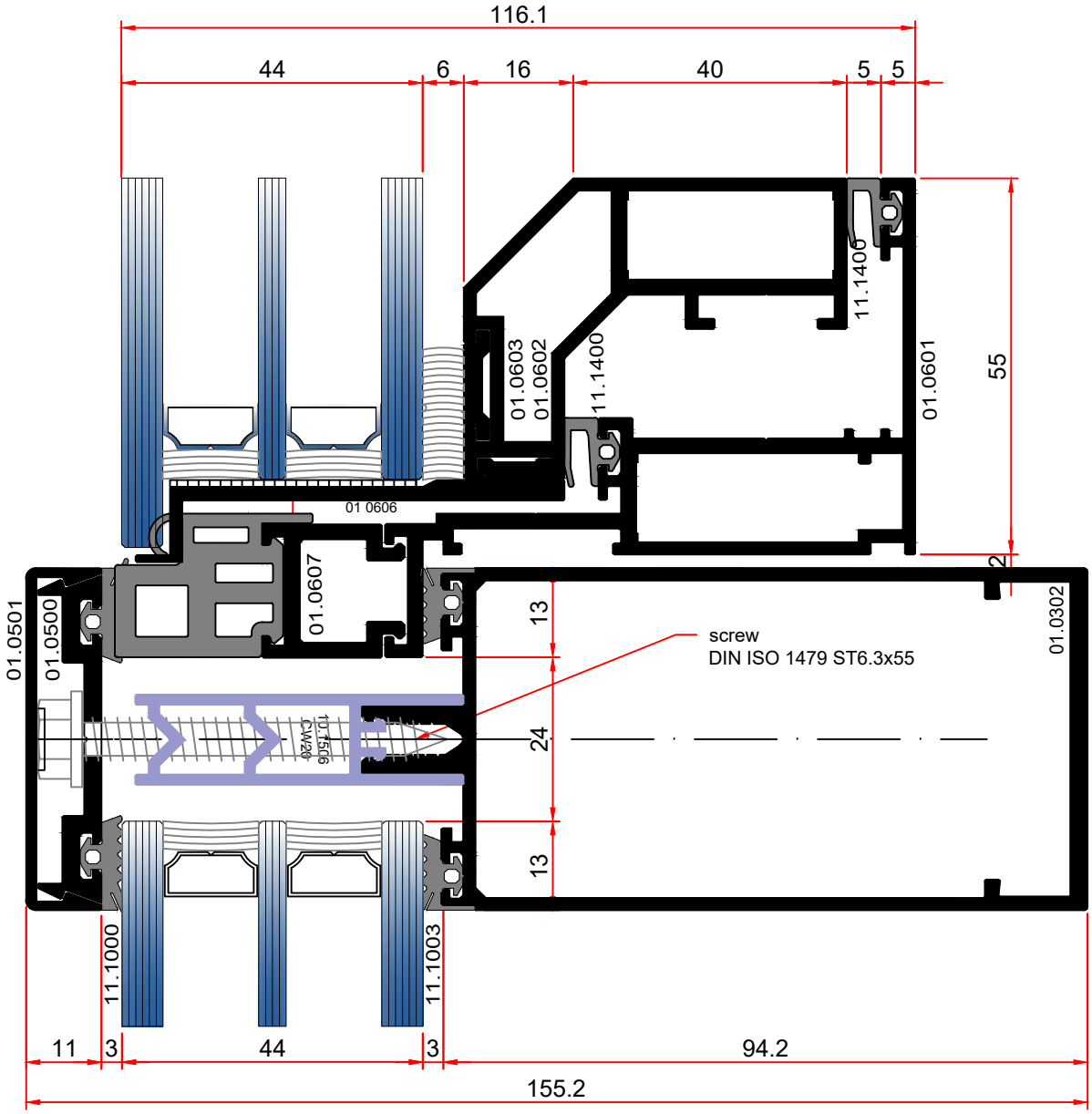
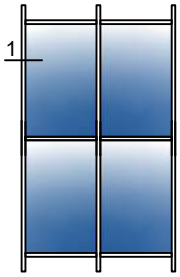


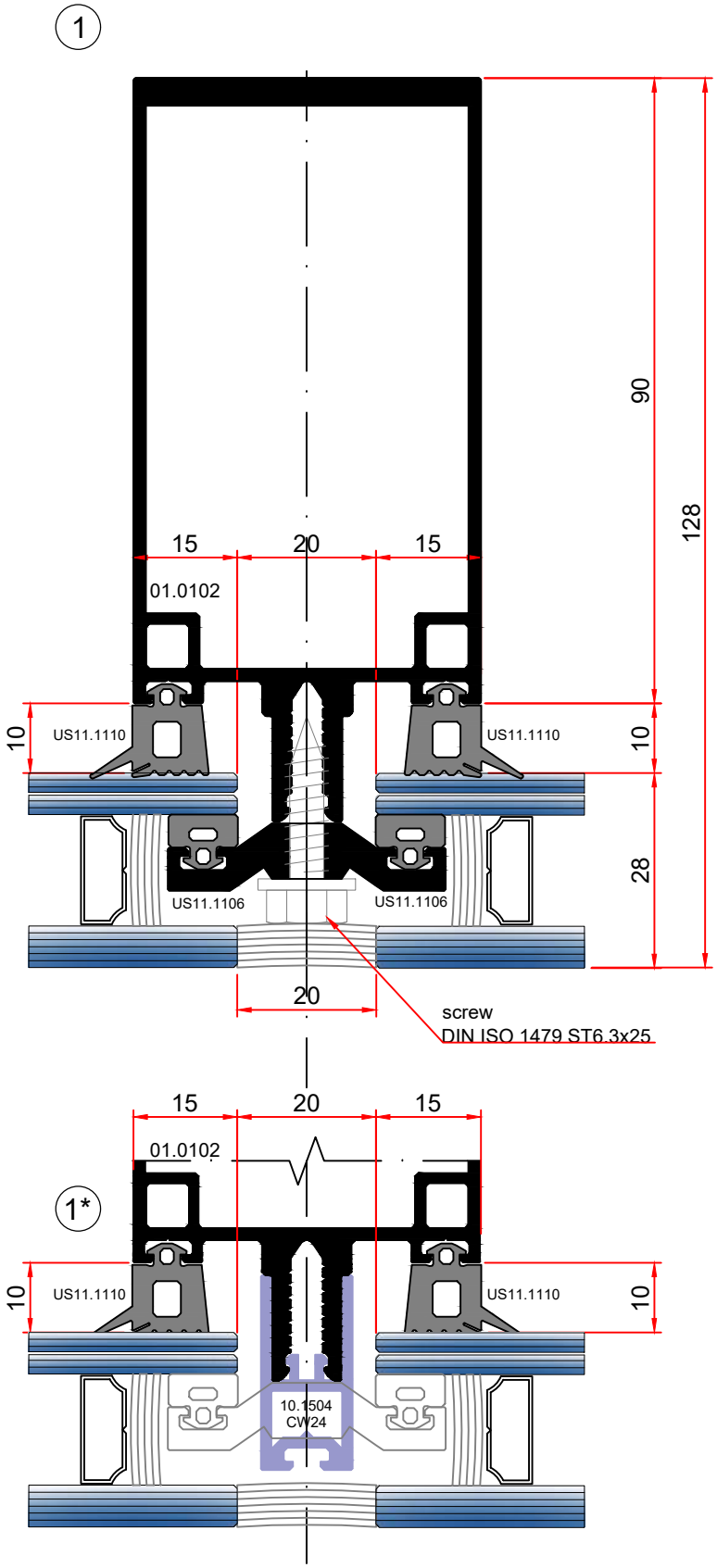
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Glazing construction for structural glazing 28 mm Mullion



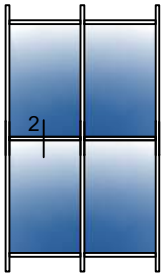


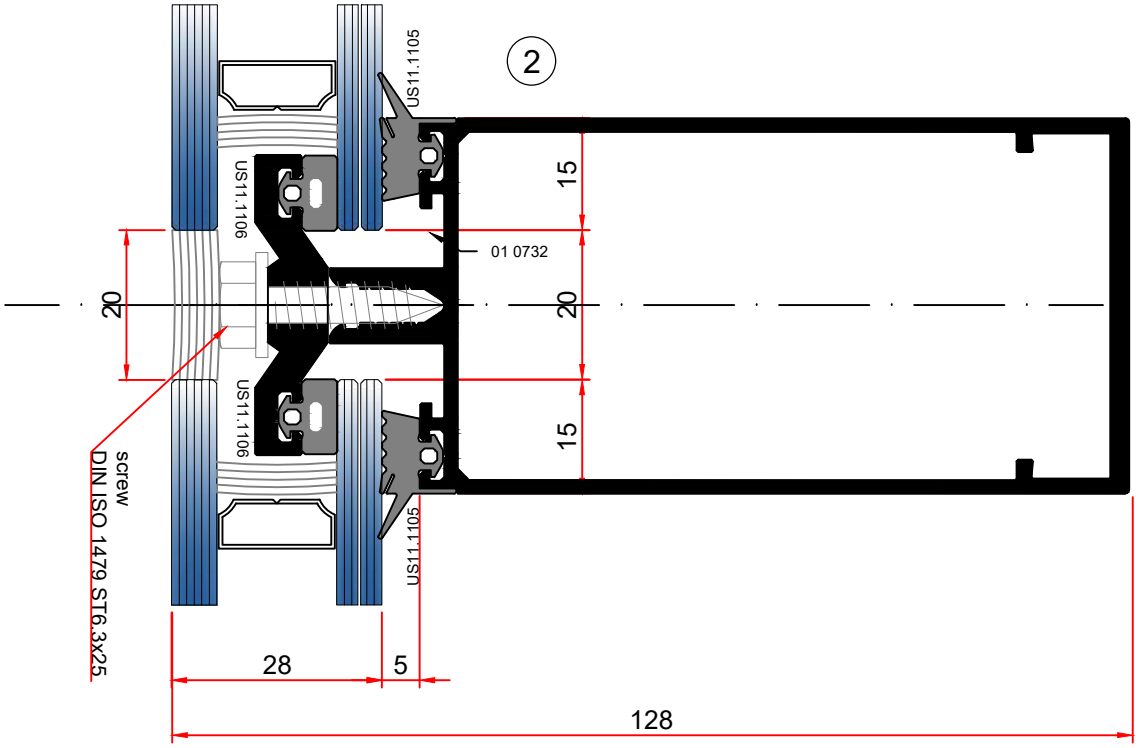
SCALE 1:1

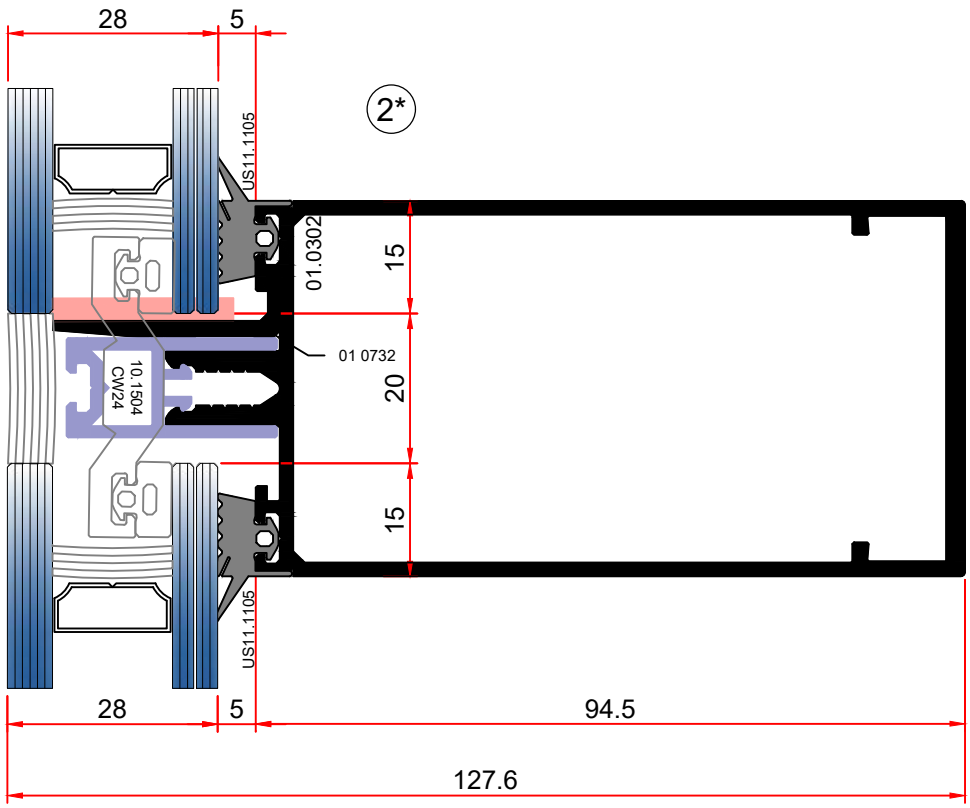
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Glazing construction for structural glazing 28 mm Transom





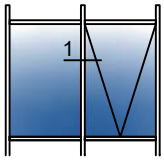


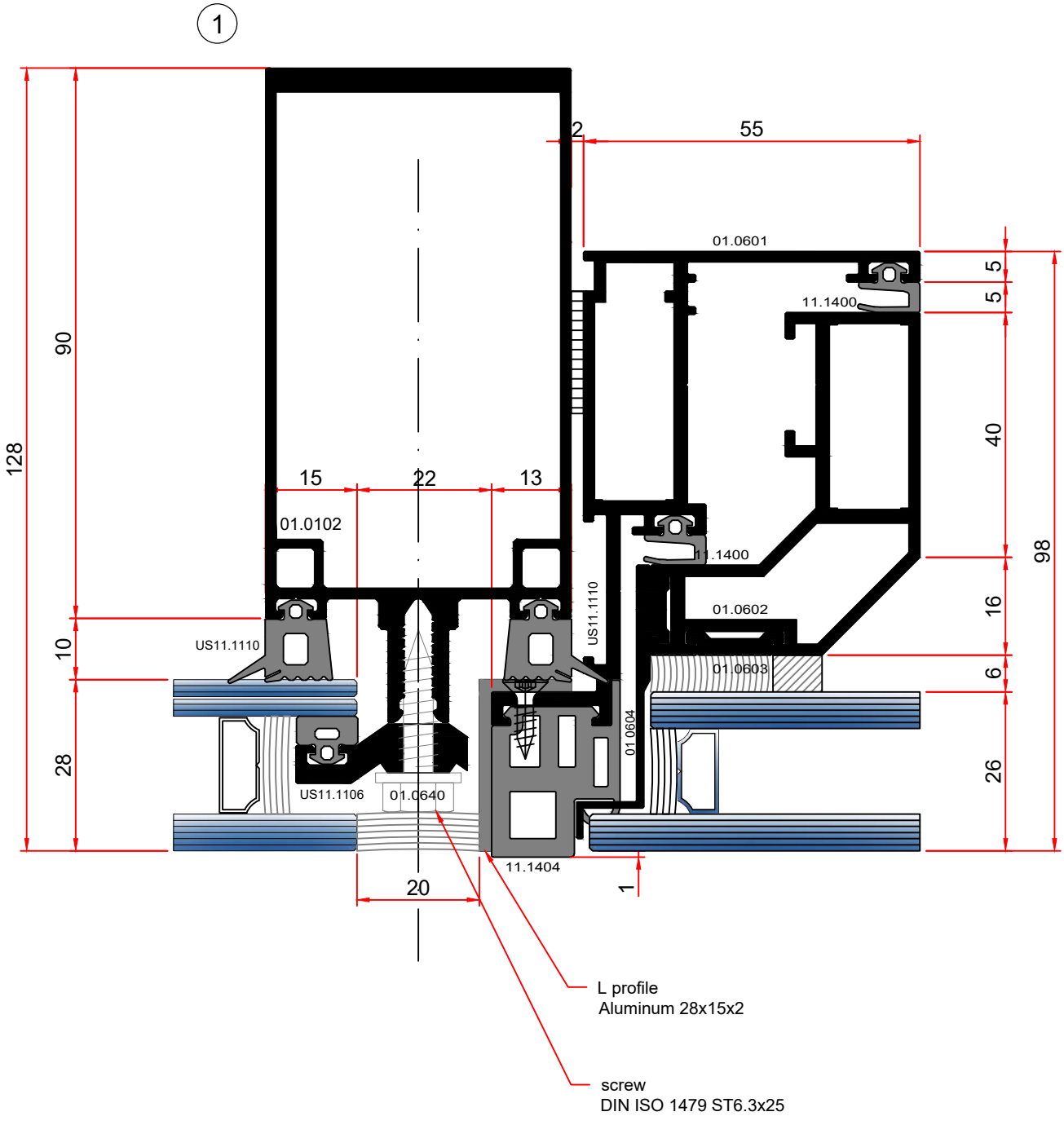
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

Outwards projecting window for structural glazing



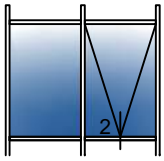


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

Outwards projecting window for structural glazing



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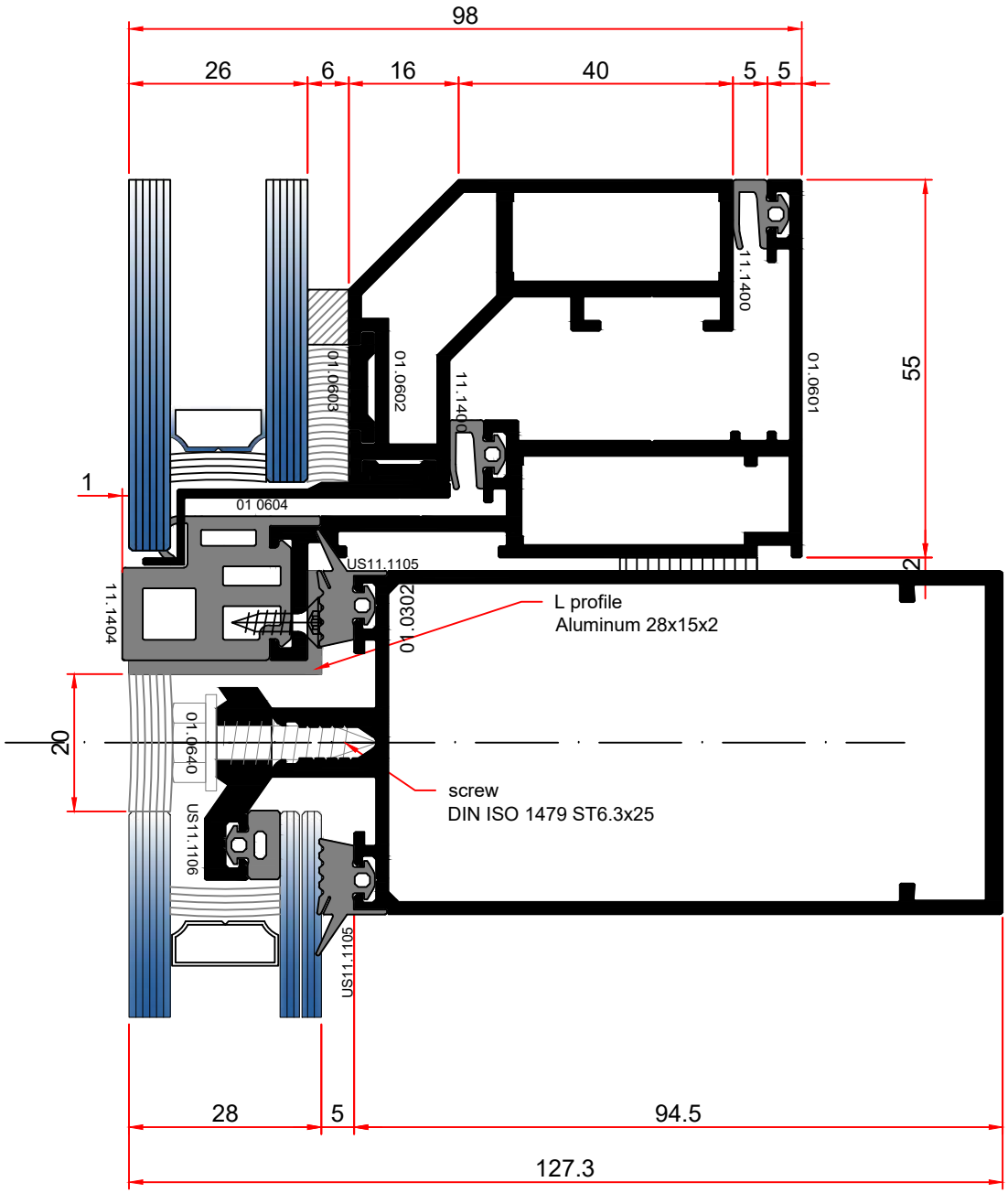
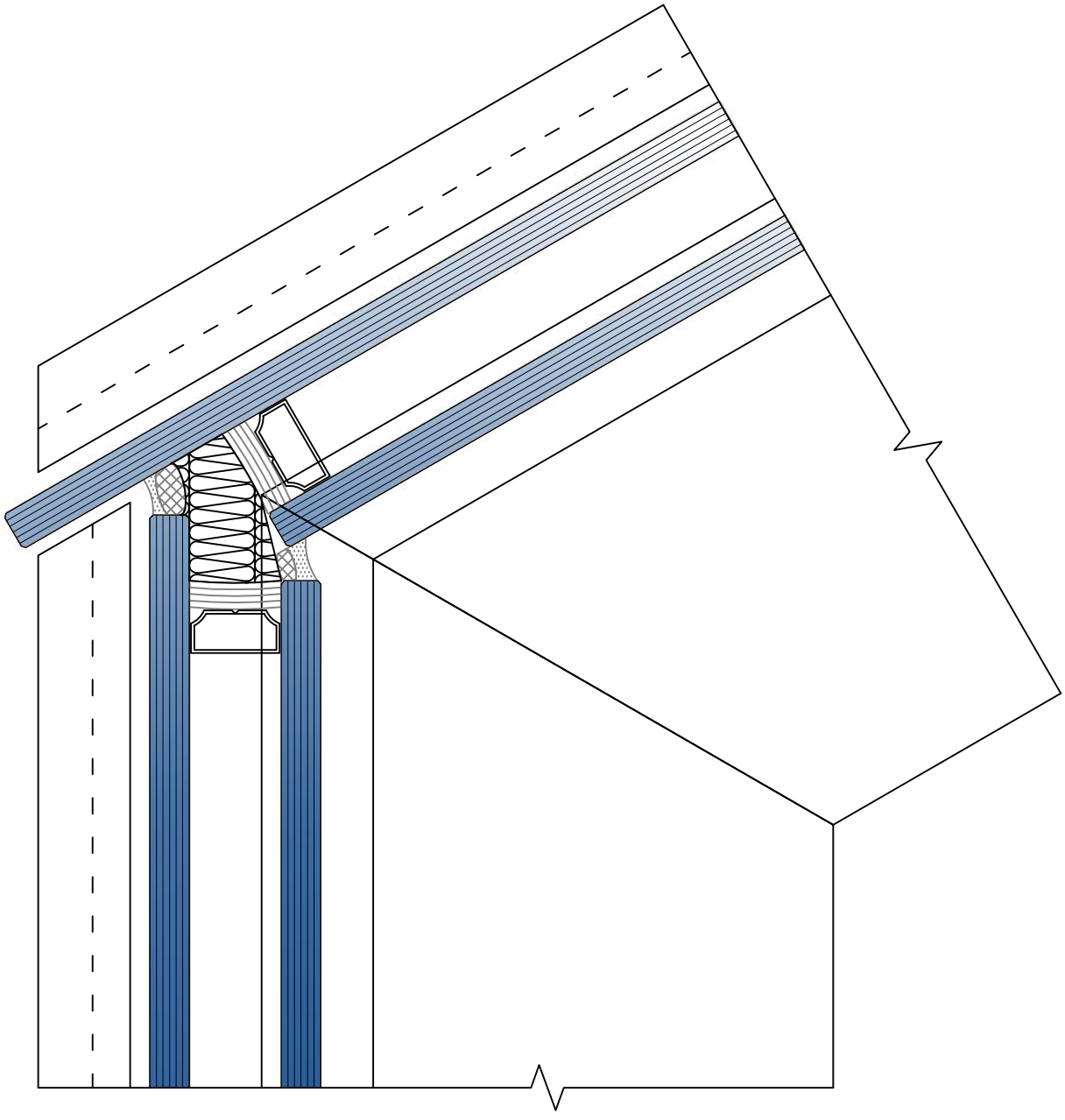


SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

A Detail of conservatory without rainwater pipe

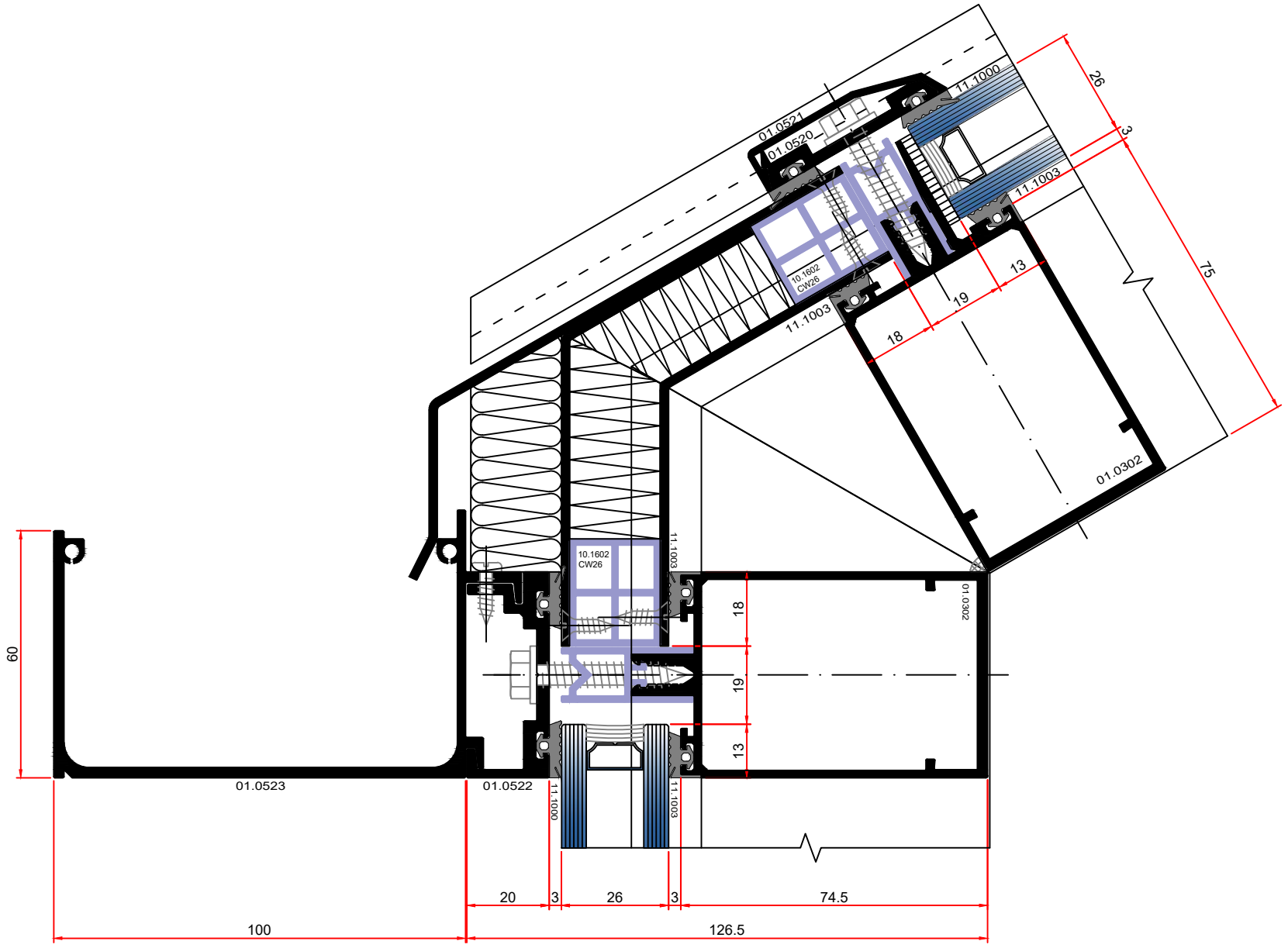


SCALE 1:1

CW 50
Curtain Wall system

ALTEST
ALUMINIUM PROFILES SYSTEM

A Detail of conservatory without rainwater pipe

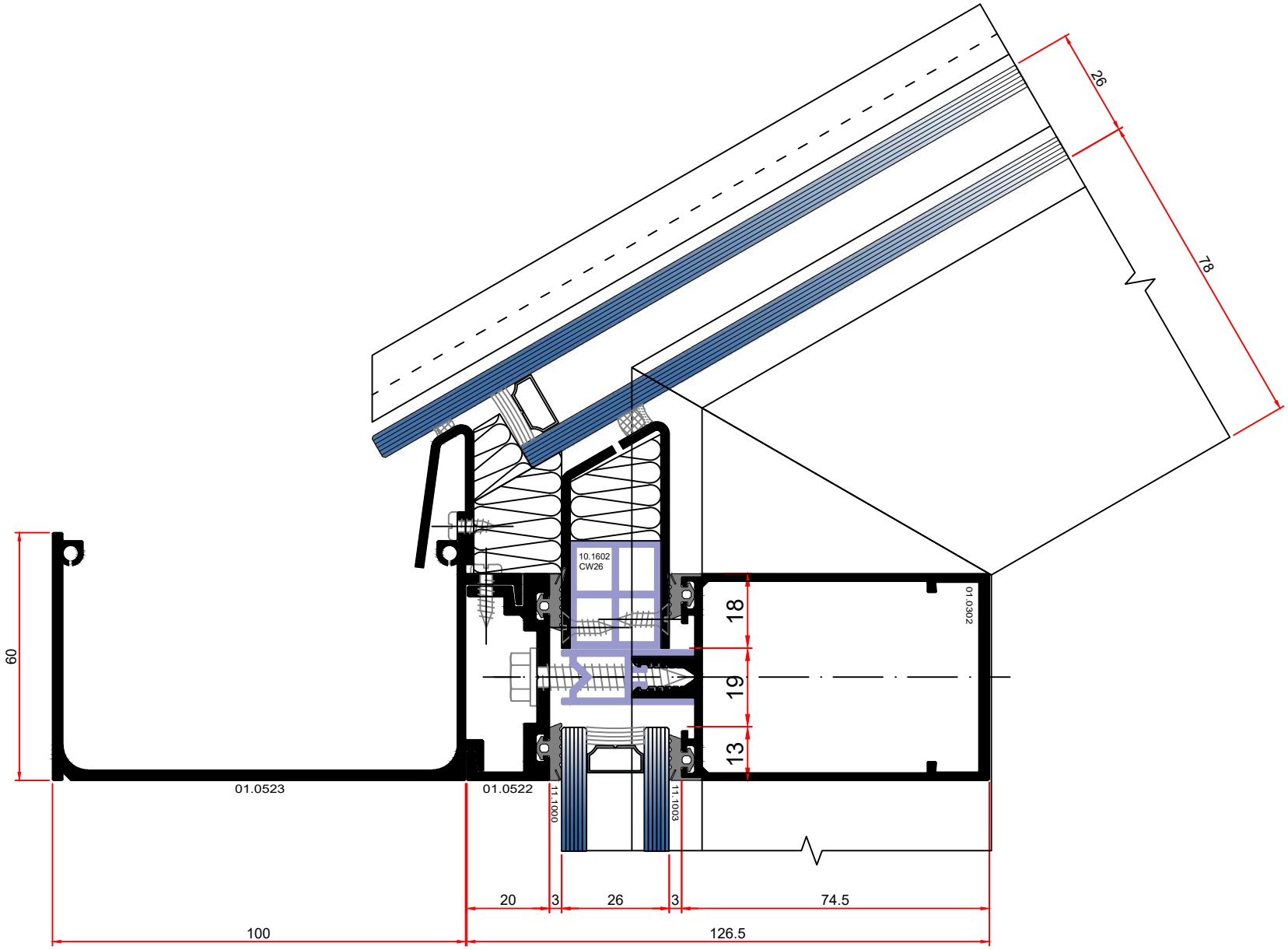


SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

A Detail of conservatory without rainwater pipe



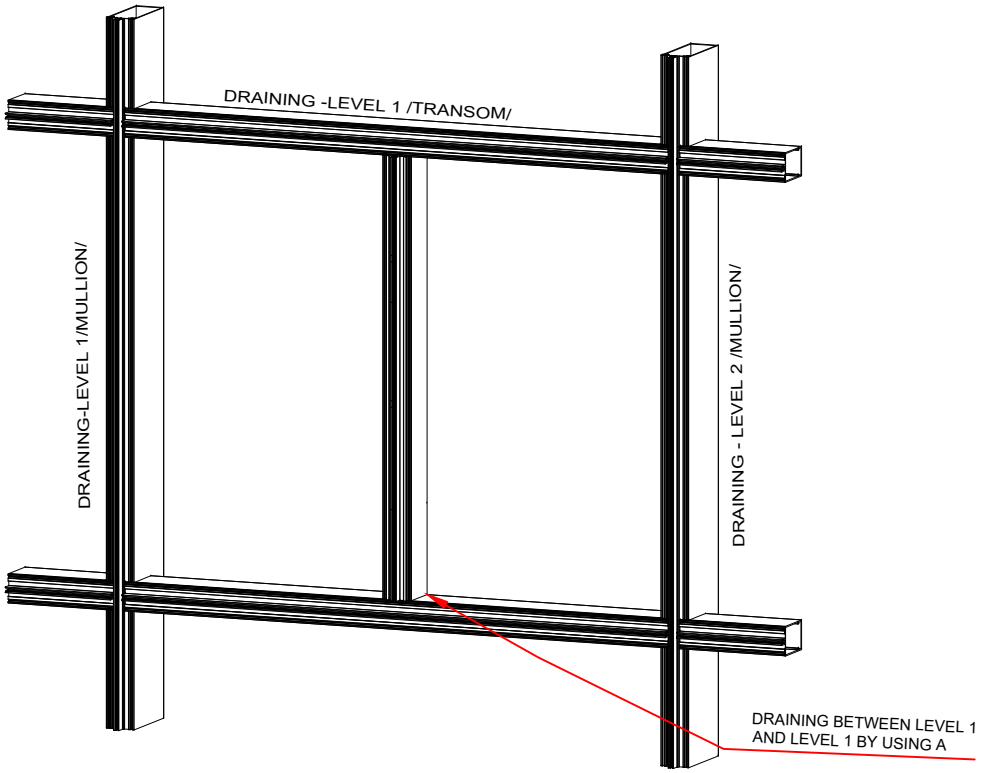
SCALE 1:1

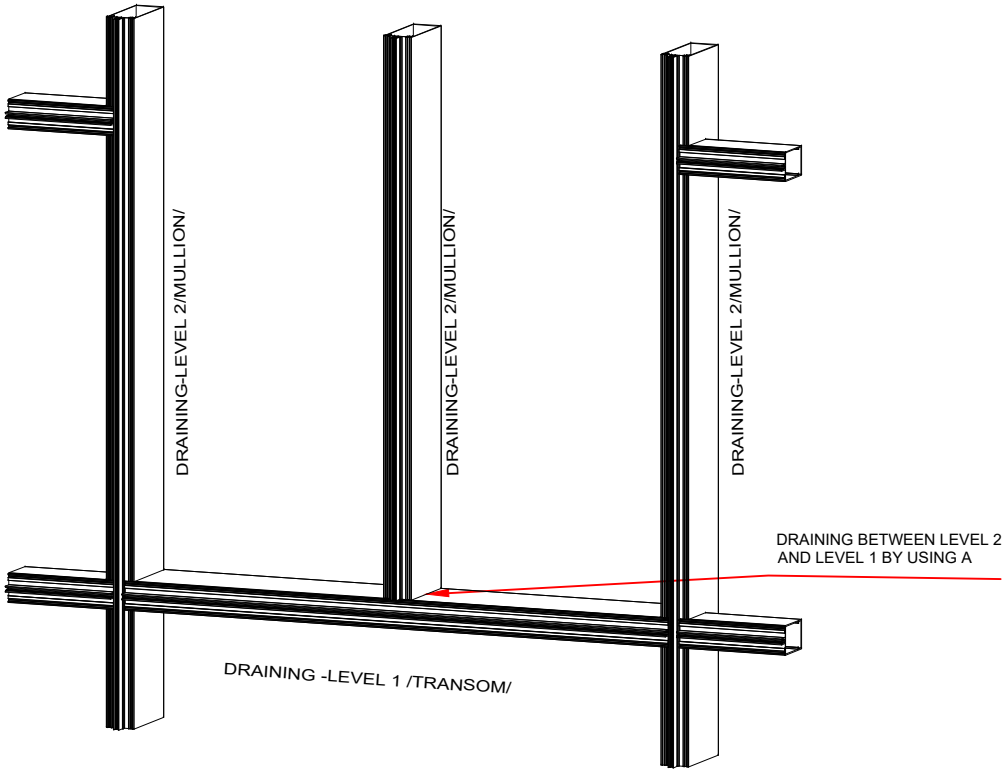
TECHNICAL DETAILS

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

PLAN OF THE COMPONENTS AND DRAINING





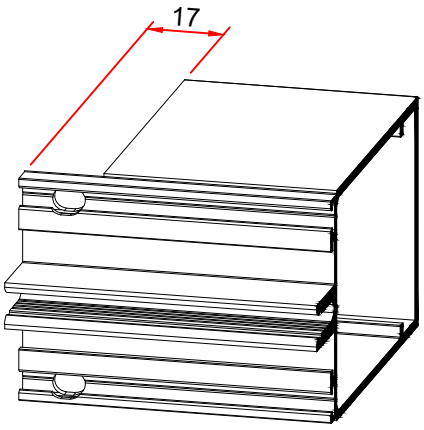
SCALE 1:2

CW 50
Curtain Wall system

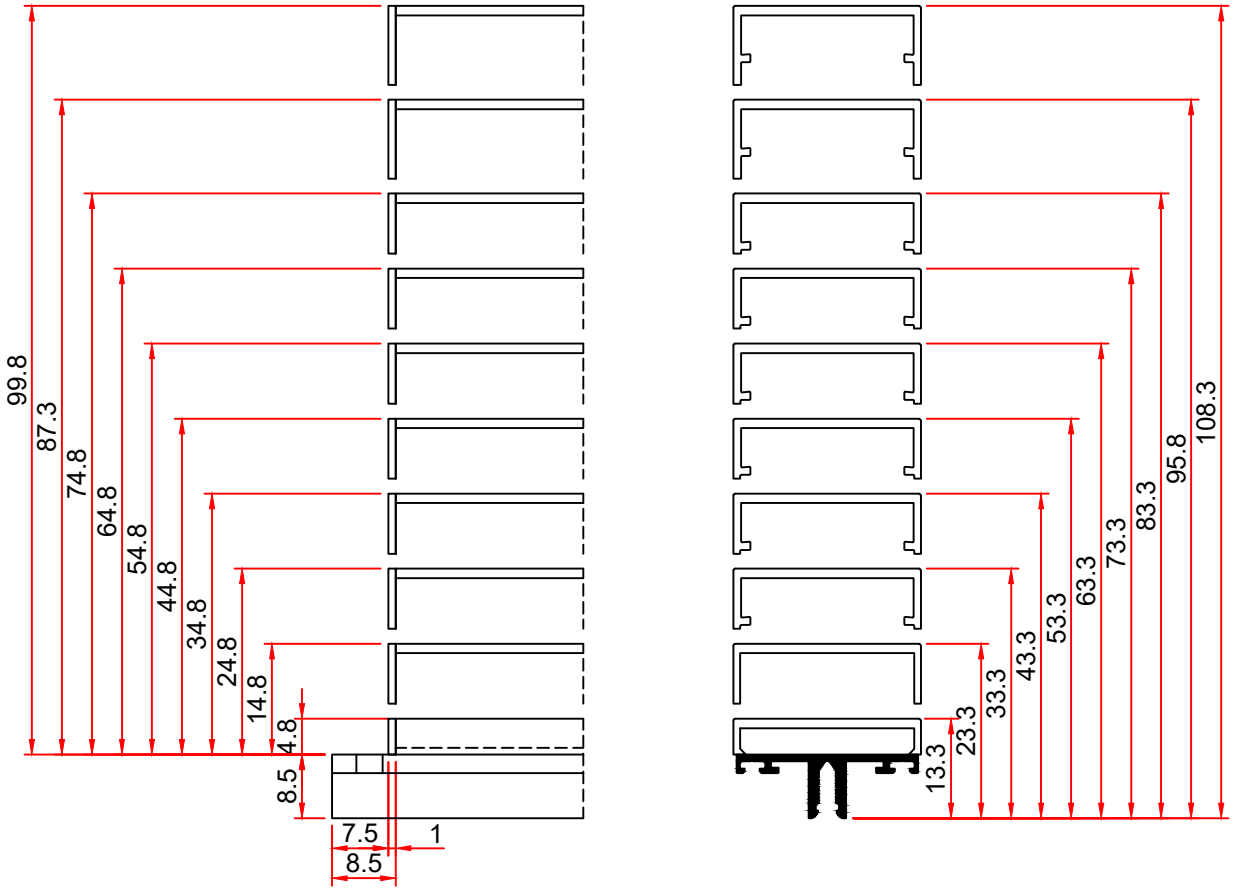
ALTEST®
ALUMINIUM PROFILES SYSTEM

TRANSOM MACHINING

-THE GENERAL SHAPE OF A MILLED UNIT



- MILLING DIMENSIONS



VIEW FROM ABOVE.
WHEN NO EPDM MUFF IS USED, THE TOTAL DEPTH OF THE MILLING IS 15 мм (NOT RECOMMENDED).
THE MILLING MACHINE SHOULD BE FIXED CAREFULLY, SO IT DOES NOT DAMAGE THE FRONT SIDE .
OF THE ELEMENT.

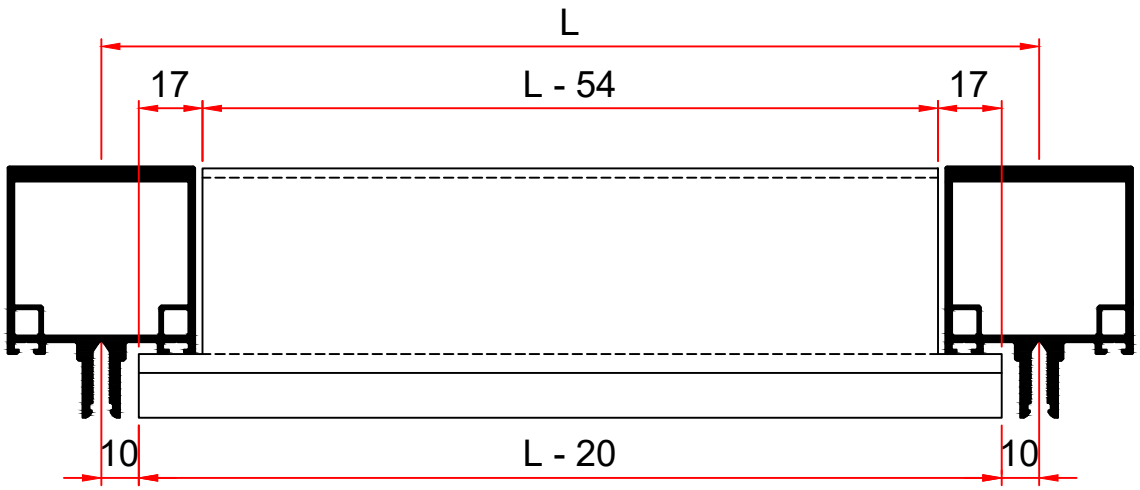
SCALE 1:2

CW 50
Curtain Wall system

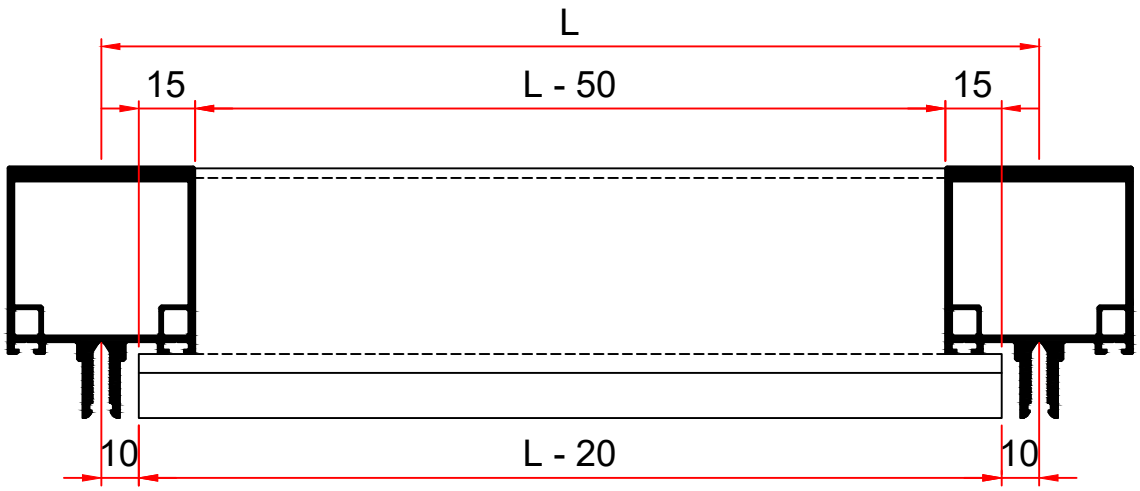
ALTEST® ALUMINIUM PROFILES SYSTEM

THE OUTER EDGE LENGTH OF THE TRANSOM IS A CENTRELINE DIMENSION L-20mm.
THE OUTER EDGE LENGTH DEPENDS ON THE USE OF AN EPDM MUFF BETWEEN THE MULLION AND THE TRANSOM.

-OPTION WITH AN EPDM MUFF



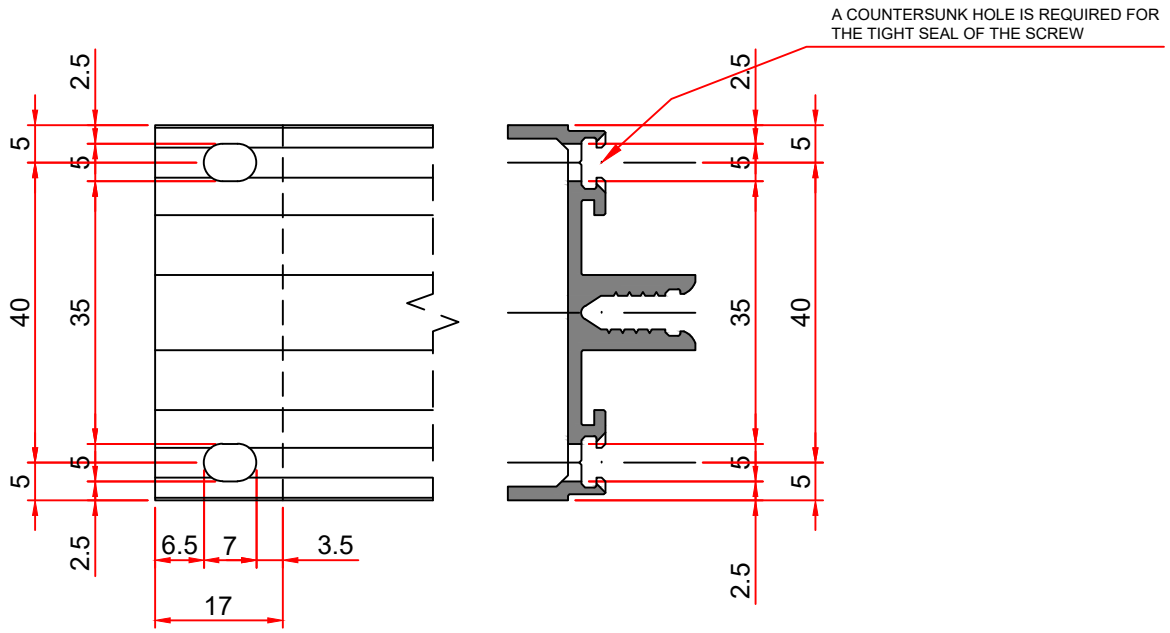
-OPTION WITH AN EPDM MUFF



SCALE 1:2

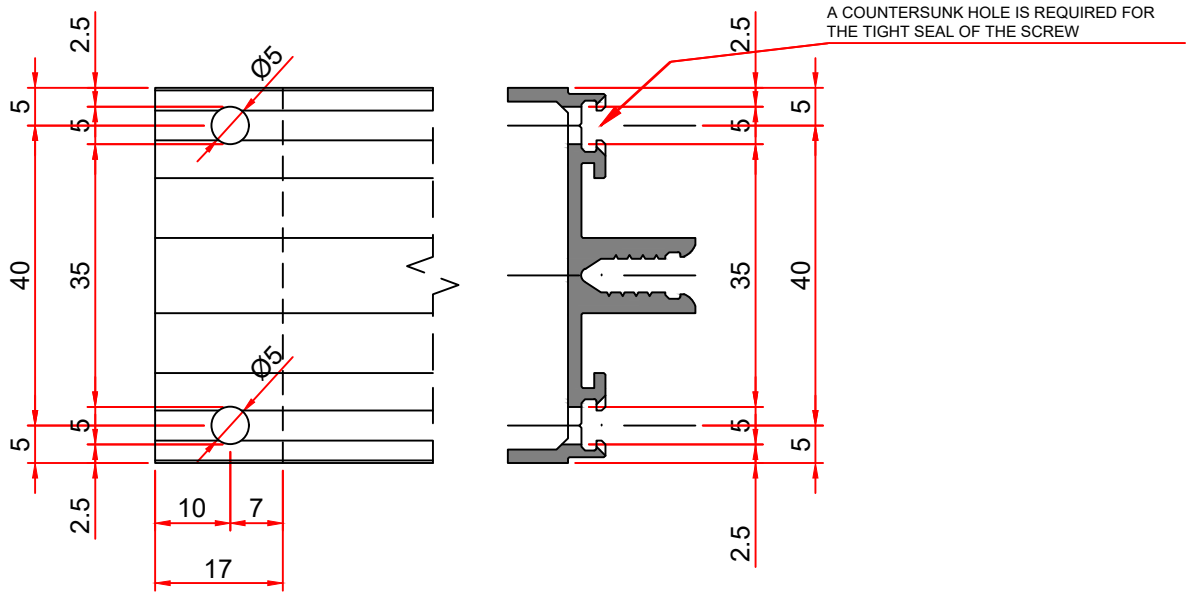
/TRANSOM MACHINING/
MOUNTING HOLES

-OPTION 1



OVAL PASSAGE OPENING PROVIDES THE JOINT BETWEEN MULLION AND TRANSOM.
THE OPENING CAN BE CNS MACHINE-MADE OR PRESS-MADE.

-OPTION 2



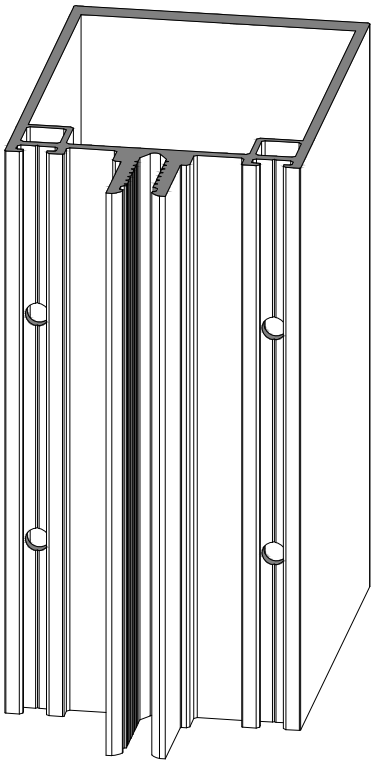
ROUND PASSAGE OPENING PROVIDES THE JOINT BETWEEN MULLION AND TRANSOM.
TIF THERE IS NO APPROPRIATE MACHINERY, THE OPENING CAN BE MADE WITH A DRILLING AUGER.

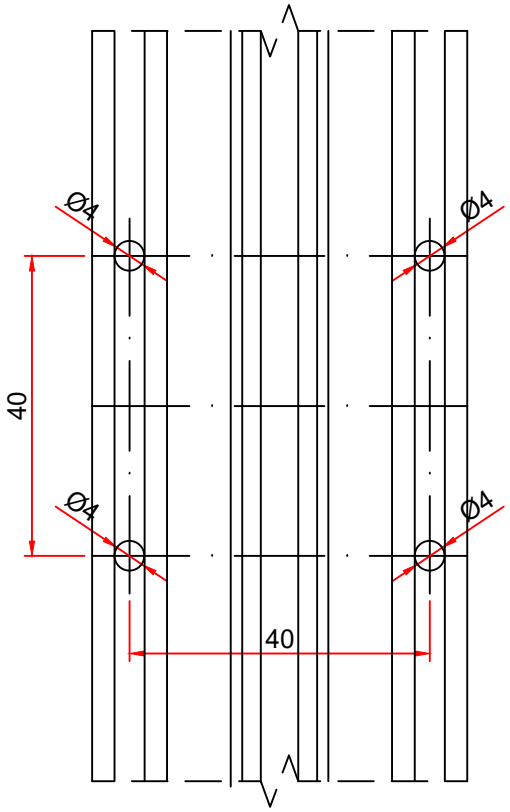
SCALE 1:1

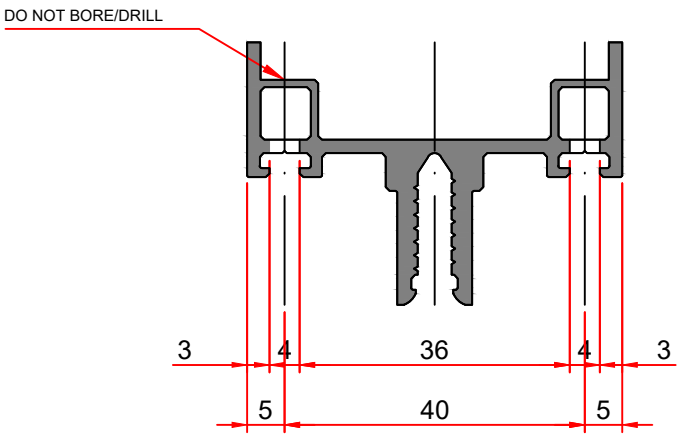
CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

/TRANSOM MACHINING/
FRONT HOLES FOR ATTACHING THE TRANSOM







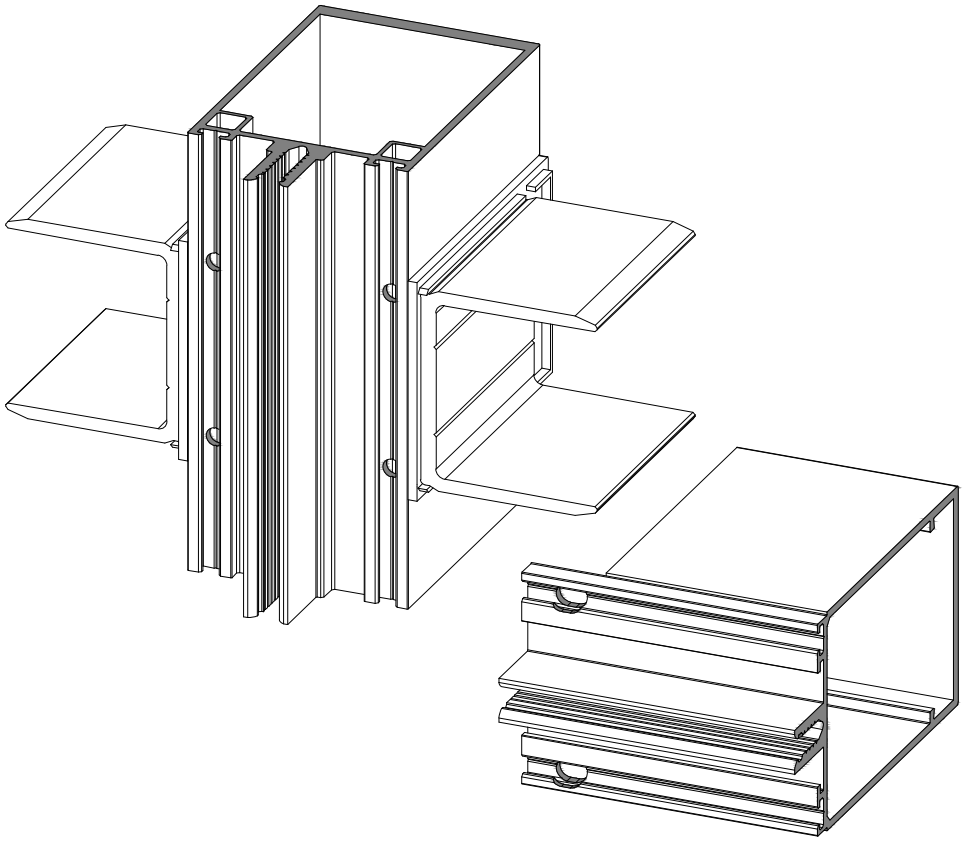
WHEN MAKING A CHANNEL FOR THE SCREWS, DO NOT DRILL HOLES ON THE TRANSOM'S BACK SIDE.

SCALE 1:1

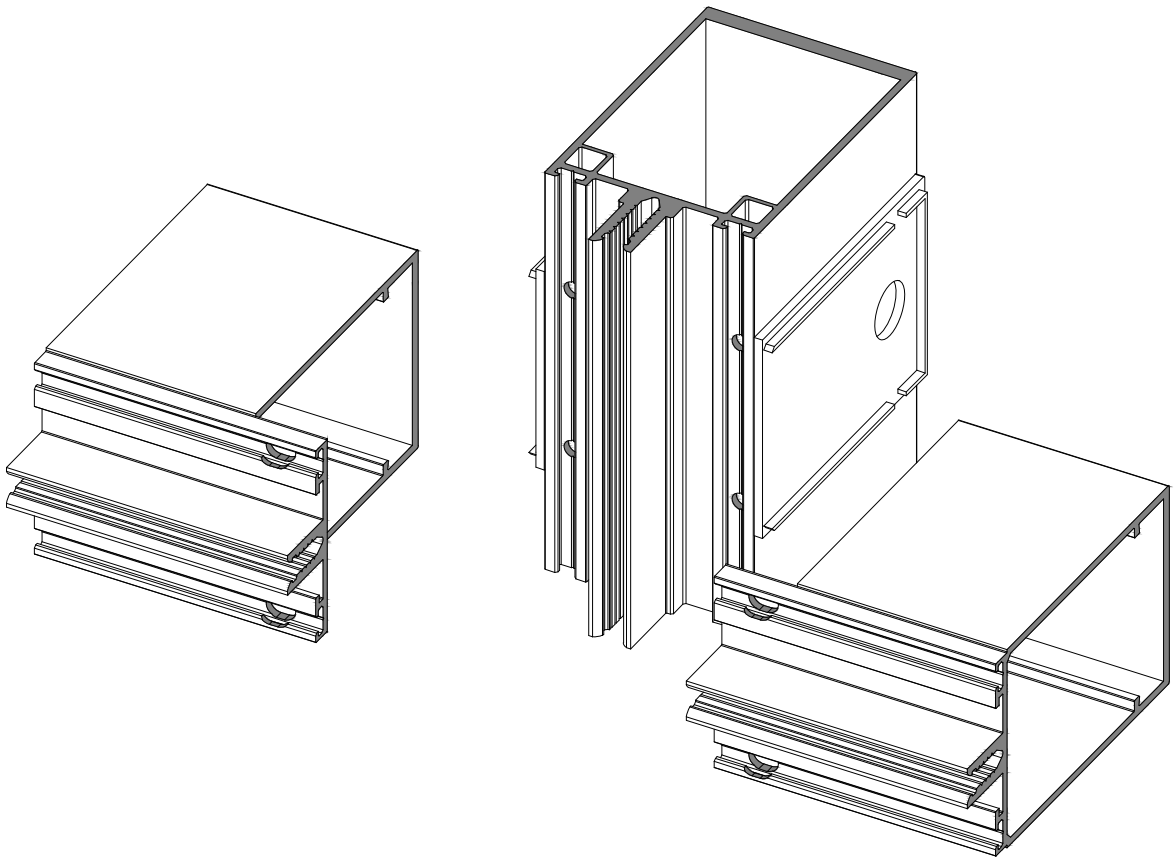
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/SIDE GASKET BETWEEN MULLION AND TRANSOM/



PLACING AN EPDM MUFF IS IN ORDER TO COVER SMALL INSTALLATION DEFECTS AND TO SUPPORT THE LINEAR THERMAL EXPANSION OF THE TRANSOM .
IT IS USED FOR ALL TYPES OF TRANSOM JOINTS, BUT ALSO CAN BE USED WITHOUT A TRANSOM JOINT.

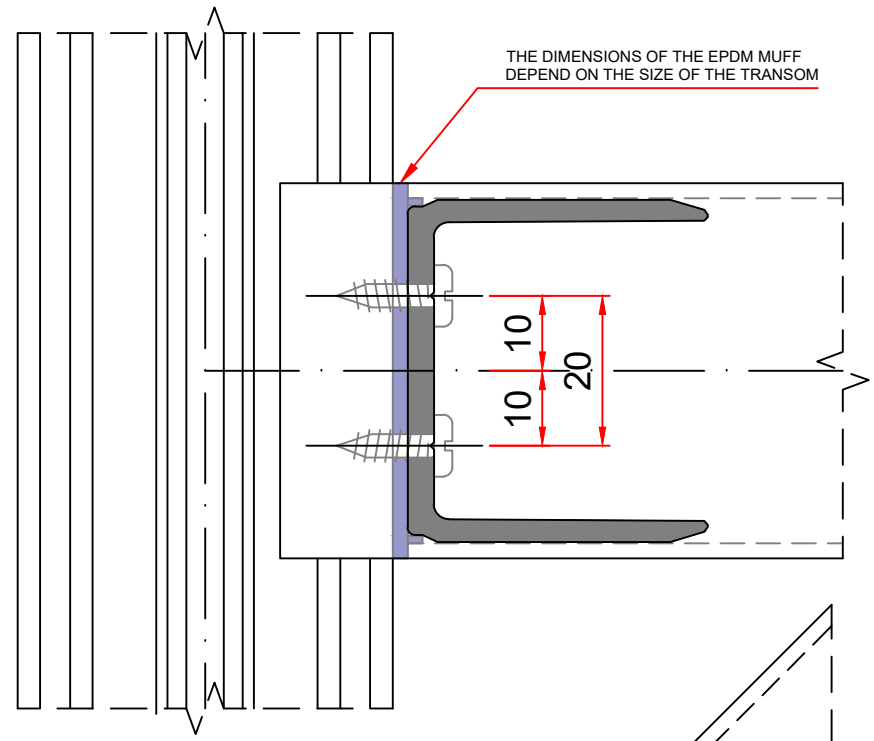


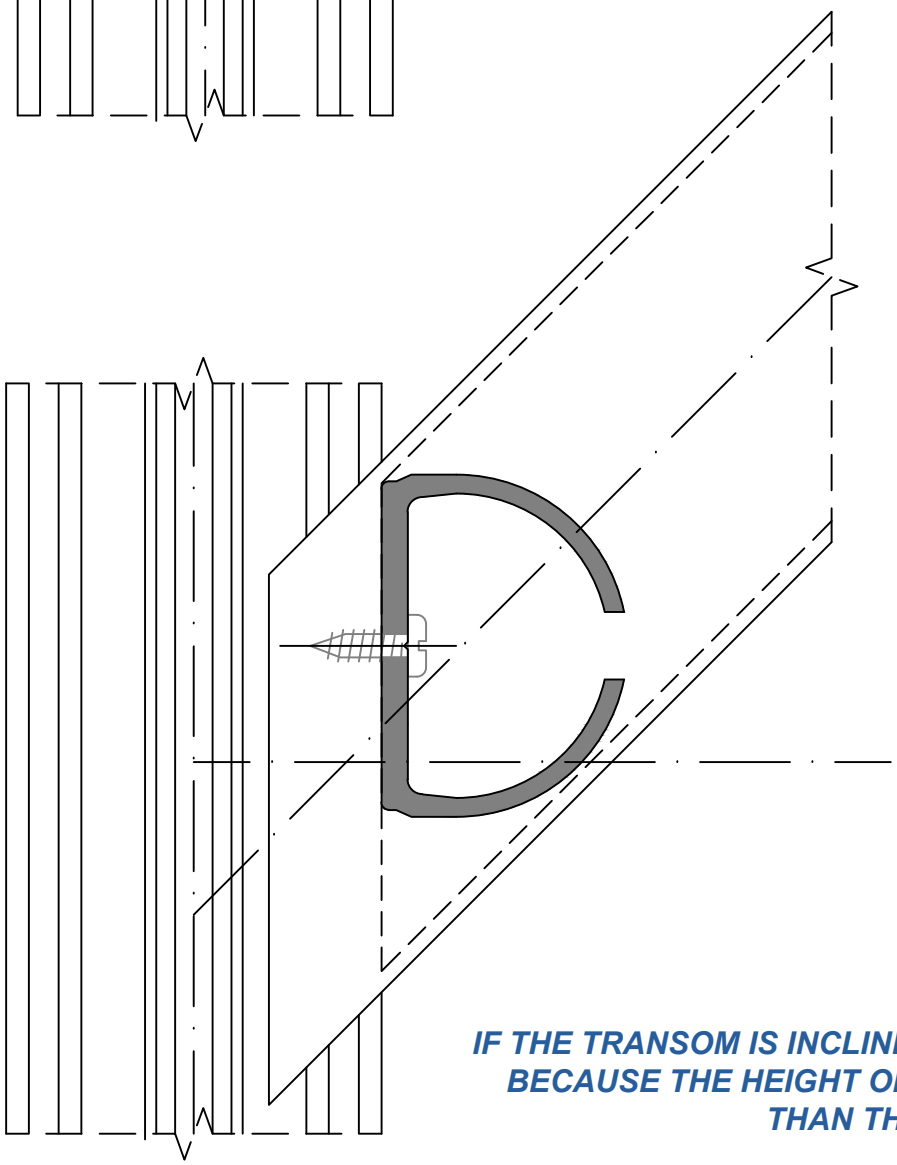
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/SIDE GASKET BETWEEN MULLION AND TRANSOM/



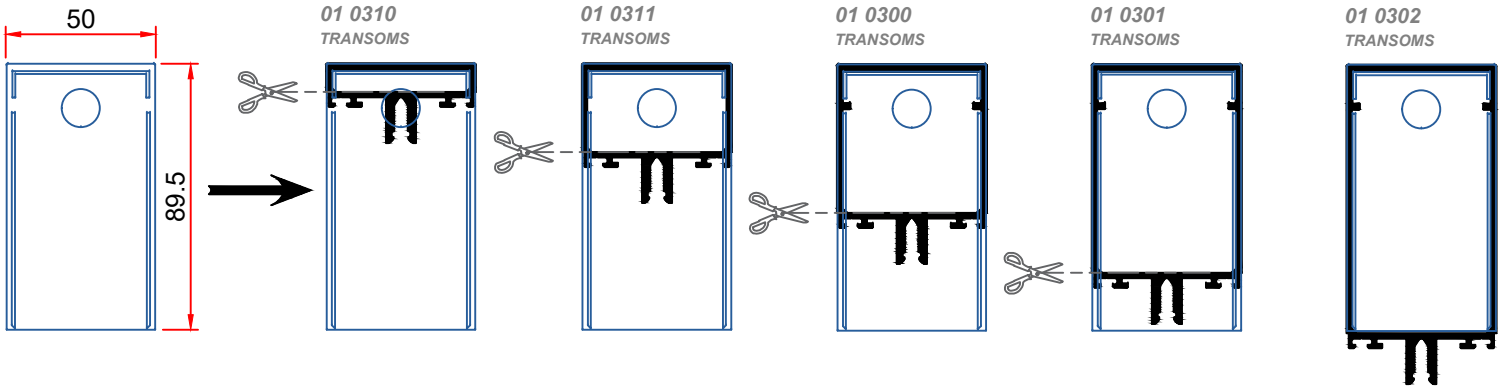


IF THE TRANSOM IS INCLINED NO MUFF IS USED. BECAUSE THE HEIGHT OF THE CUT IS BIGGER THAN THE ONE OF THE MUFF.

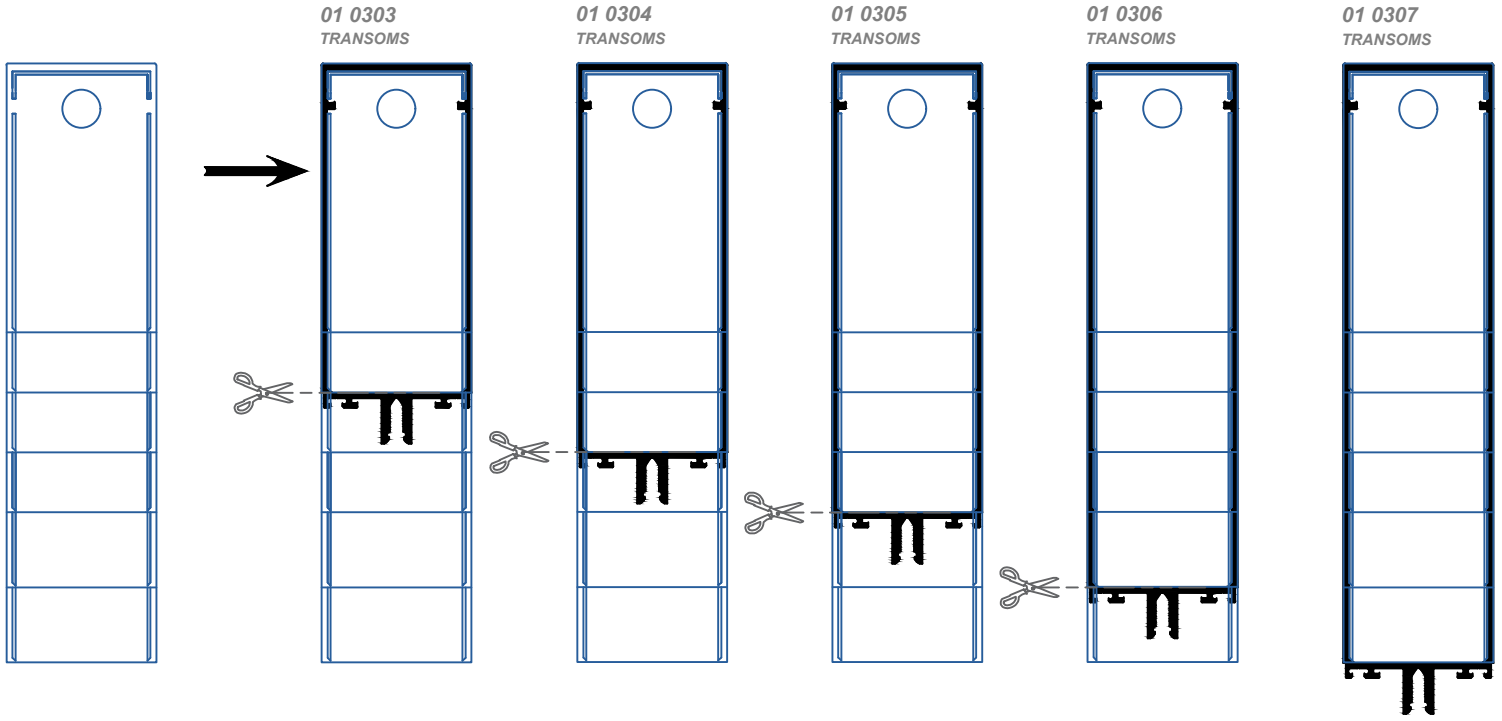
SCALE 1:1

EPDM MUFF BETWEEN MULLION AND TRANSOM

APE141
EPDM muff between mullion and transom



APE1411
EPDM muff between mullion and transom

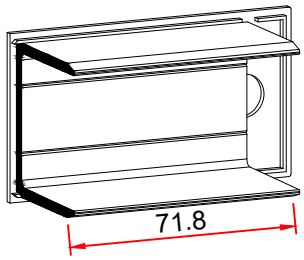


CW 50
Curtain Wall system

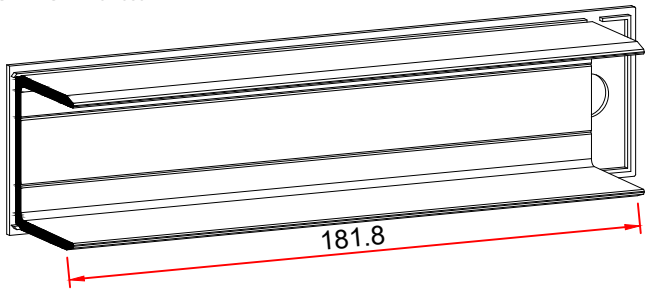
ALTEST® ALUMINIUM PROFILES SYSTEM

/SIZES OF THE TRANSOM JOINTS/
THE TRANSOM JOINT IS A PIECE OF PROFILE 01.0700

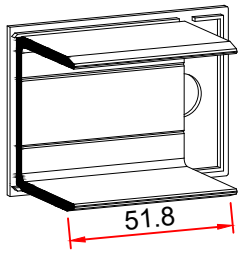
FOR TRANSOM PROFILE 01.0302



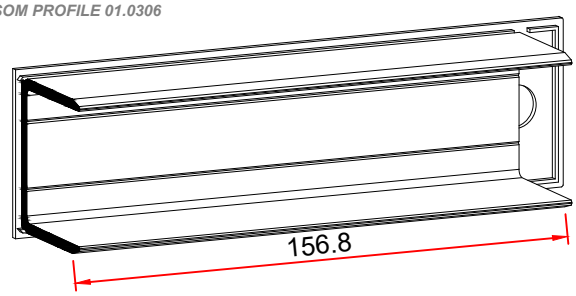
FOR TRANSOM PROFILE 01.0307



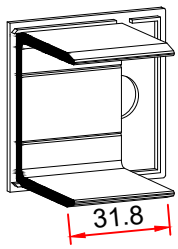
FOR TRANSOM PROFILE 01.0301



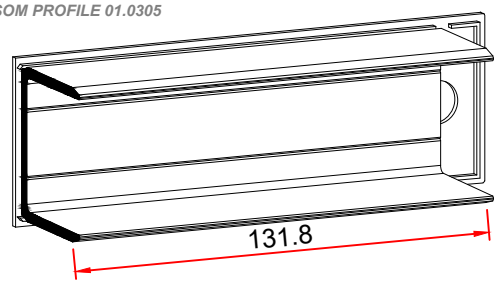
FOR TRANSOM PROFILE 01.0306



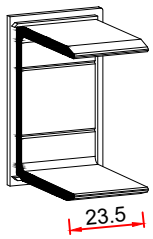
FOR TRANSOM PROFILE 01.0300



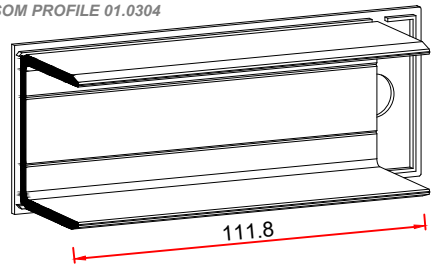
FOR TRANSOM PROFILE 01.0305



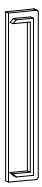
FOR TRANSOM PROFILE 01.0311



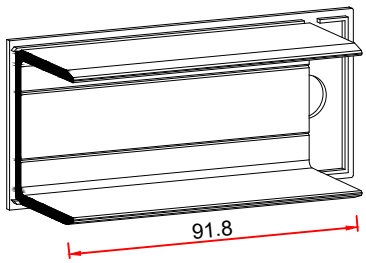
FOR TRANSOM PROFILE 01.0304



FOR TRANSOM PROFILE 01.0310



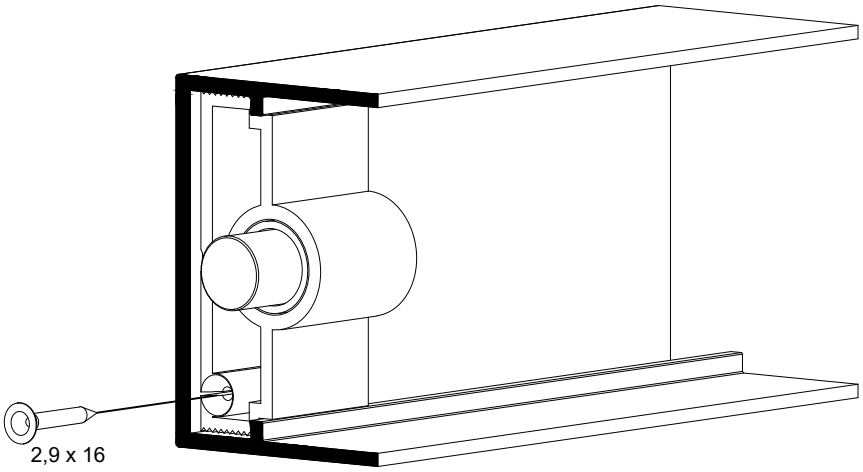
FOR TRANSOM PROFILE 01.0303



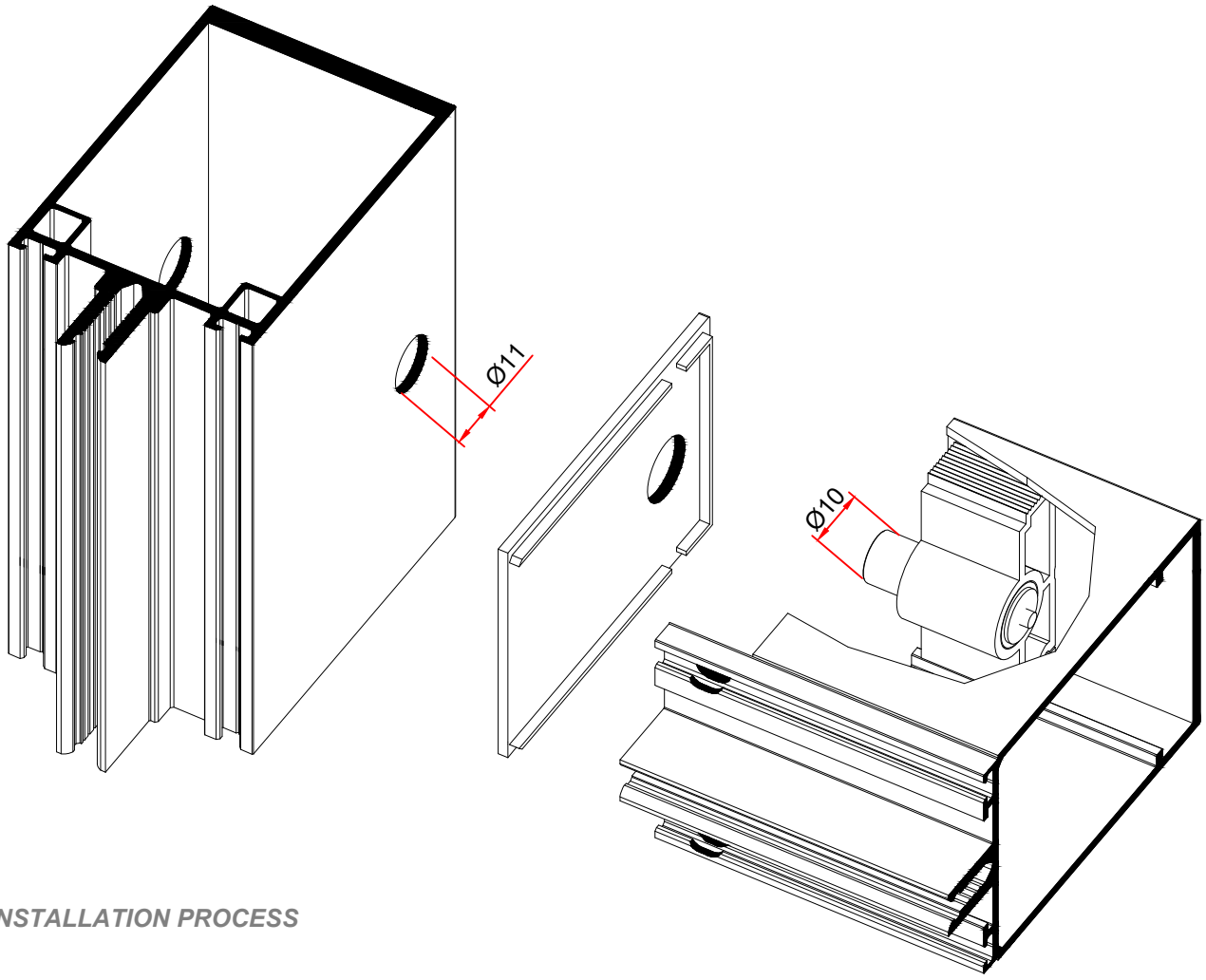
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/SPRING JOINT/



THE SPRING JOINT IS FIXED 2 mm INSIDE THE OUTER EDGE OF THE MILLED TRANSOM JOINT, SO IT DOES NOT INTERFERE WITH THE EPDM MUFF. A TEMPLATE SHOULD BE USED IN THAT CASE.



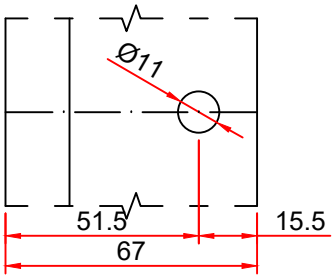
INSTALLATION PROCESS

CW 50
Curtain Wall system

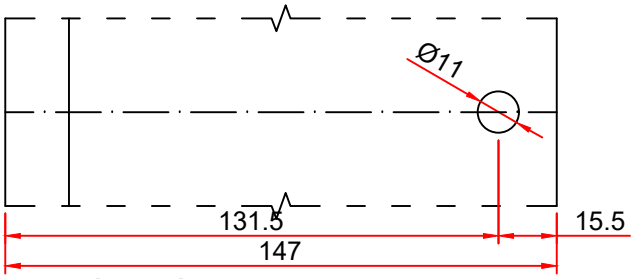
ALTEST® ALUMINIUM PROFILES SYSTEM

/SPRING JOINT/

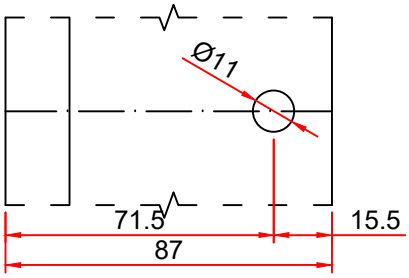
SIDE HOLES IN THE MULLION SURFACE FOR JOINING THE TRANSOM BY A SPRING JOINT.



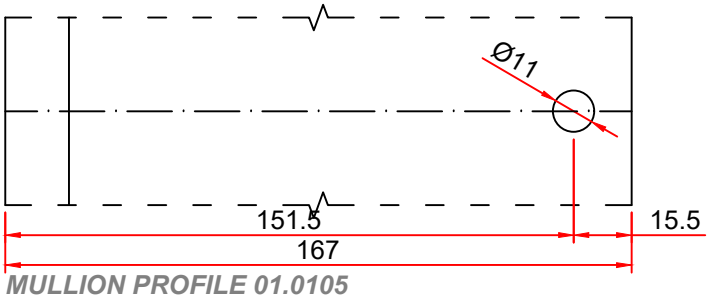
MULLION PROFILE 01.0100
TRANSOM PROFILE 01.0300



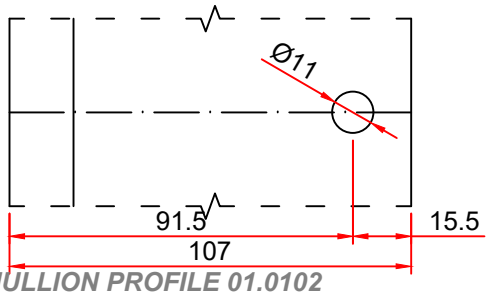
MULLION PROFILE 01.0104
TRANSOM PROFILE 01.0304



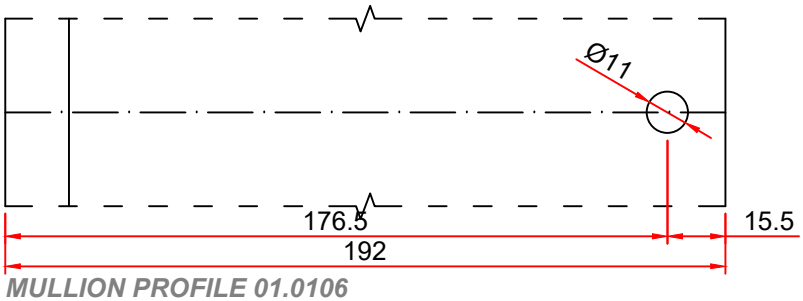
MULLION PROFILE 01.0101
TRANSOM PROFILE 01.0301



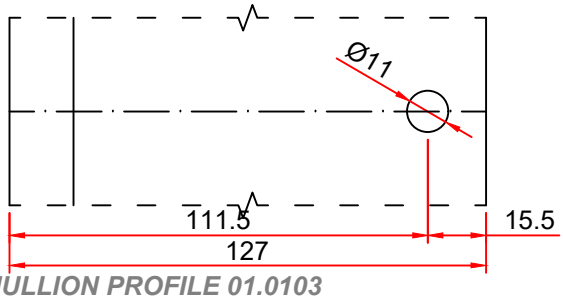
MULLION PROFILE 01.0105
TRANSOM PROFILE 01.0305



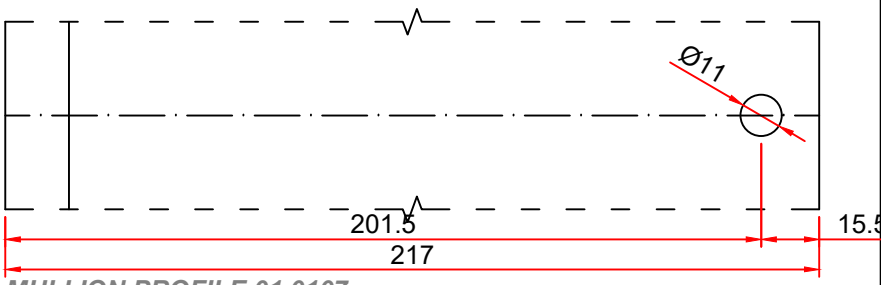
MULLION PROFILE 01.0102
TRANSOM PROFILE 01.0302



MULLION PROFILE 01.0106
TRANSOM PROFILE 01.0306



MULLION PROFILE 01.0103
TRANSOM PROFILE 01.0303



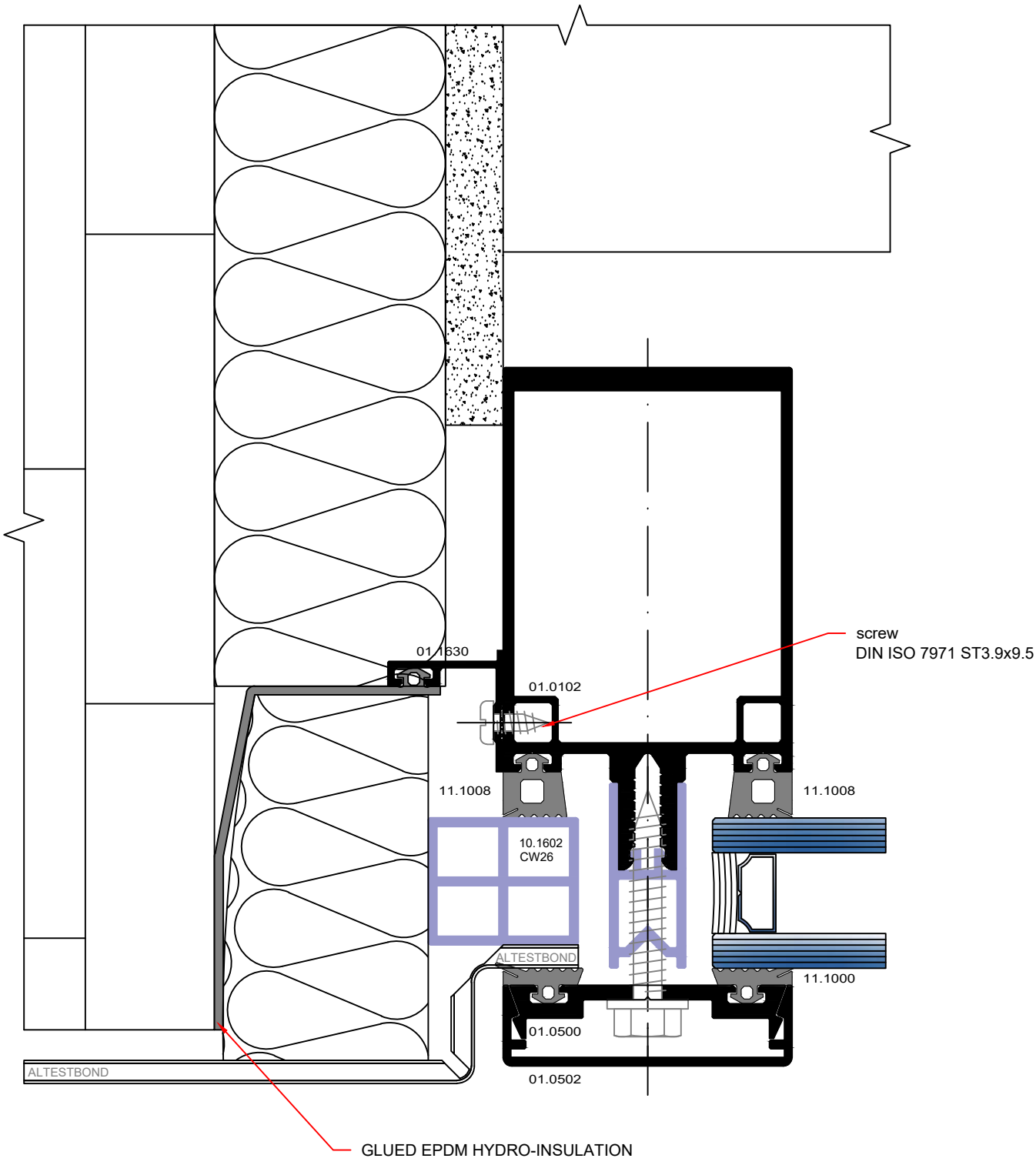
MULLION PROFILE 01.0107
TRANSOM PROFILE 01.0307

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/EPDM HYDRO-INSULATION INSTALLATION ON THE FINISHING MULLION/

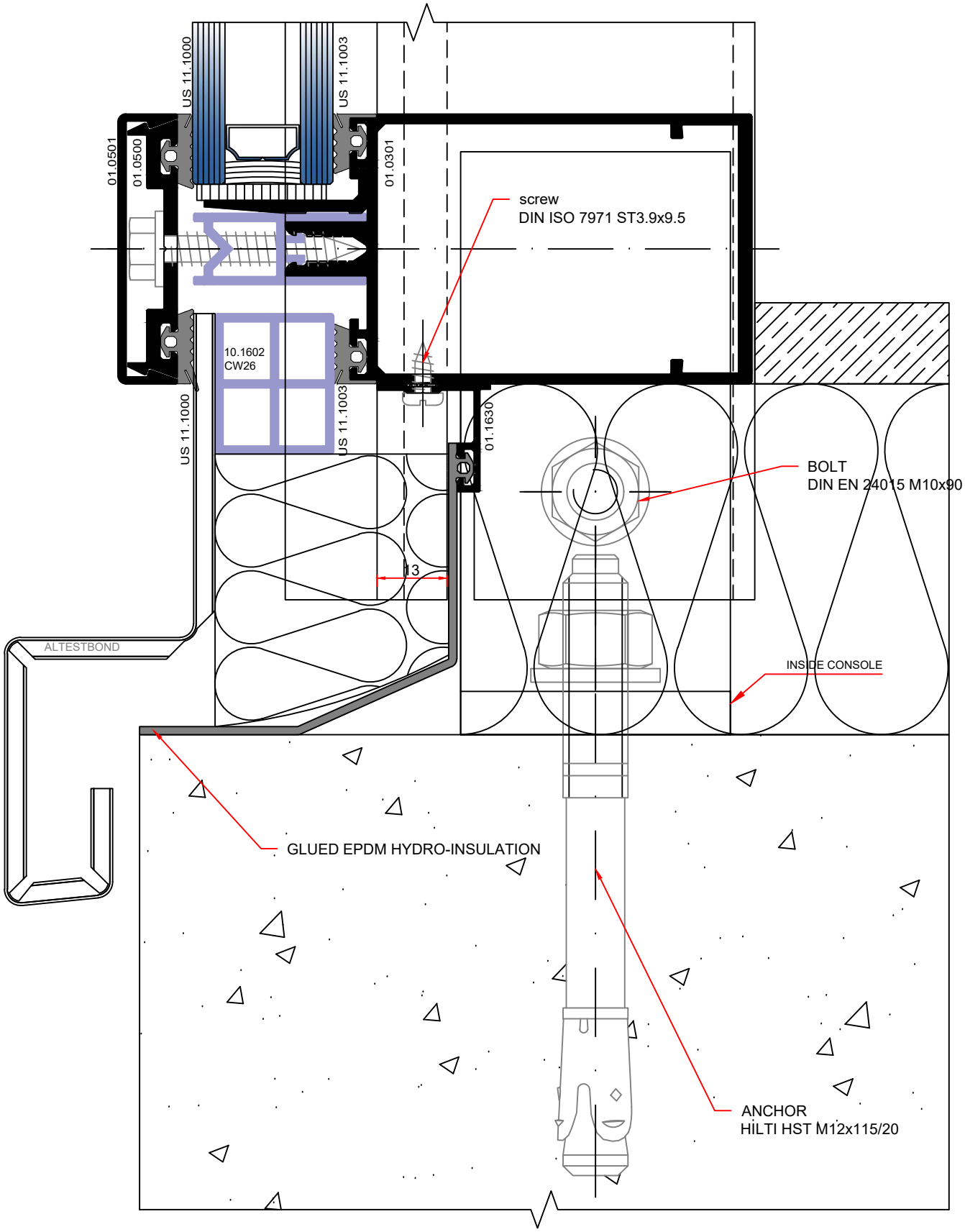
SECTIONS



SCALE 1:1

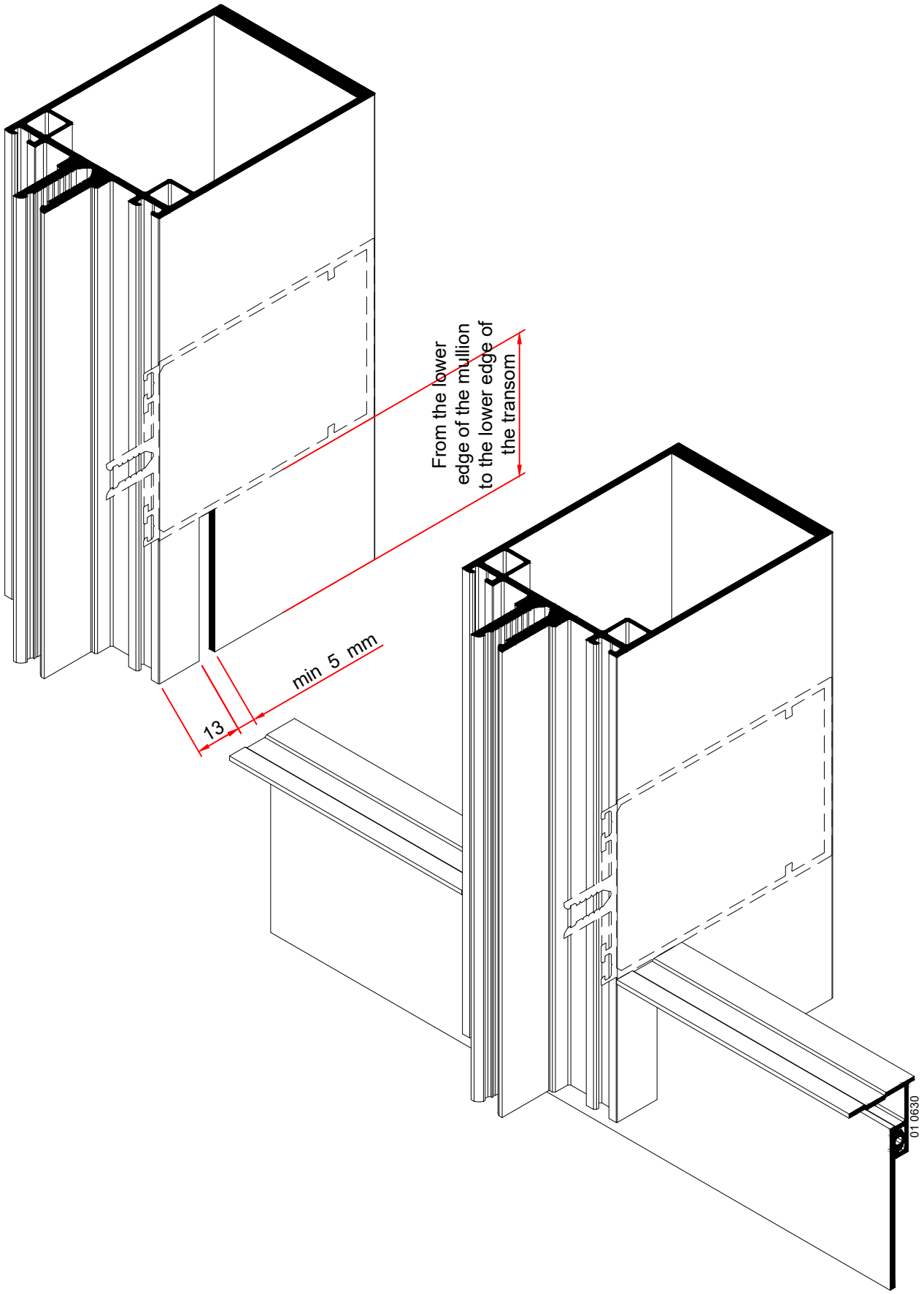
/EPDM HYDRO-INSULATION INSTALLATION ON THE FINISHING TRANSOM/

SECTIONS



SCALE 1:1

/MULLION MACHINING/
LOWER EDGE OF THE MULLION



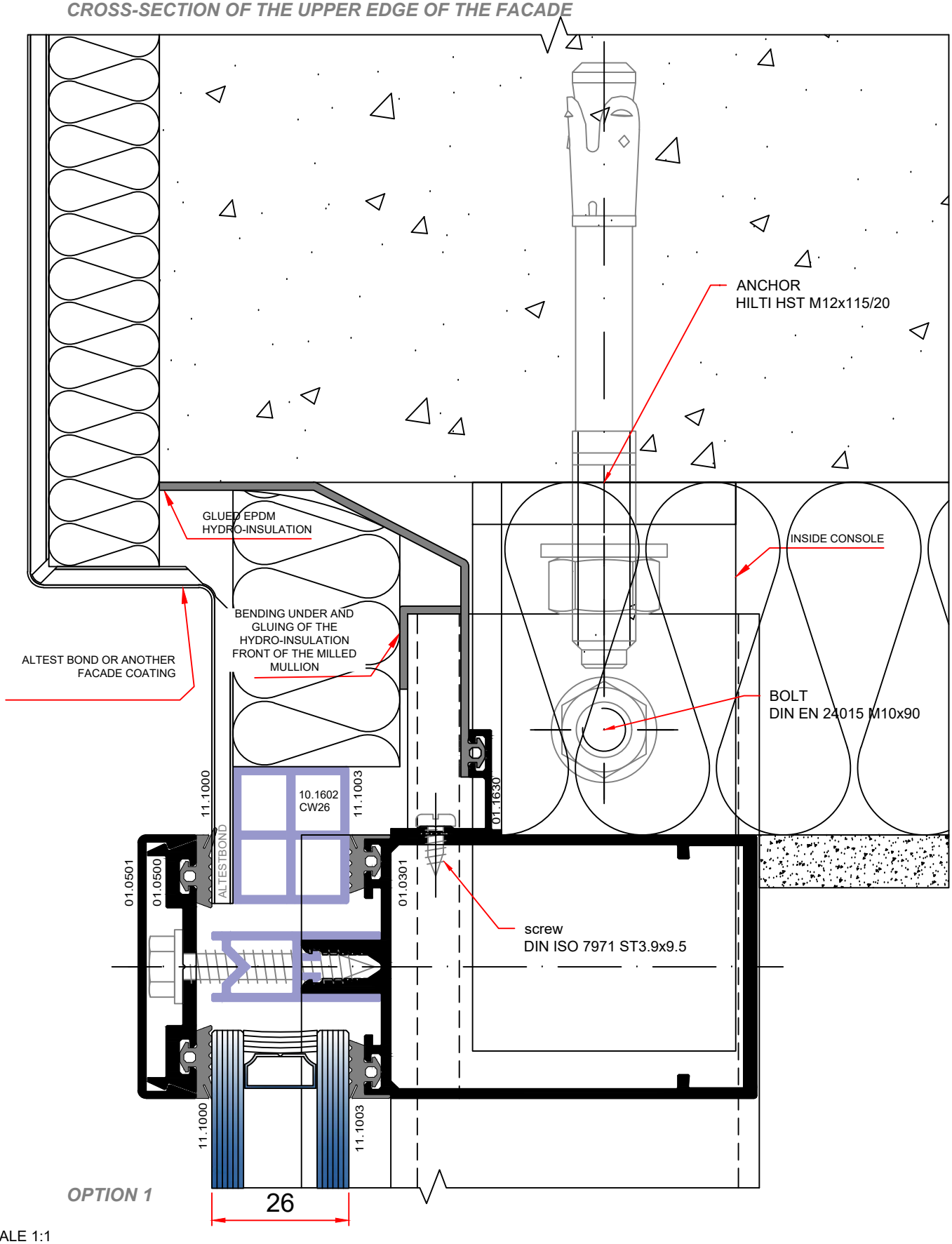
MILLING IN THE LOWER EDGE OF THE MULLION, PROVIDING A SOLID HYDRO-INSULATION.

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/HYDRO-INSULATION INSTALLATION ON THE FINISHING TRANSOM/

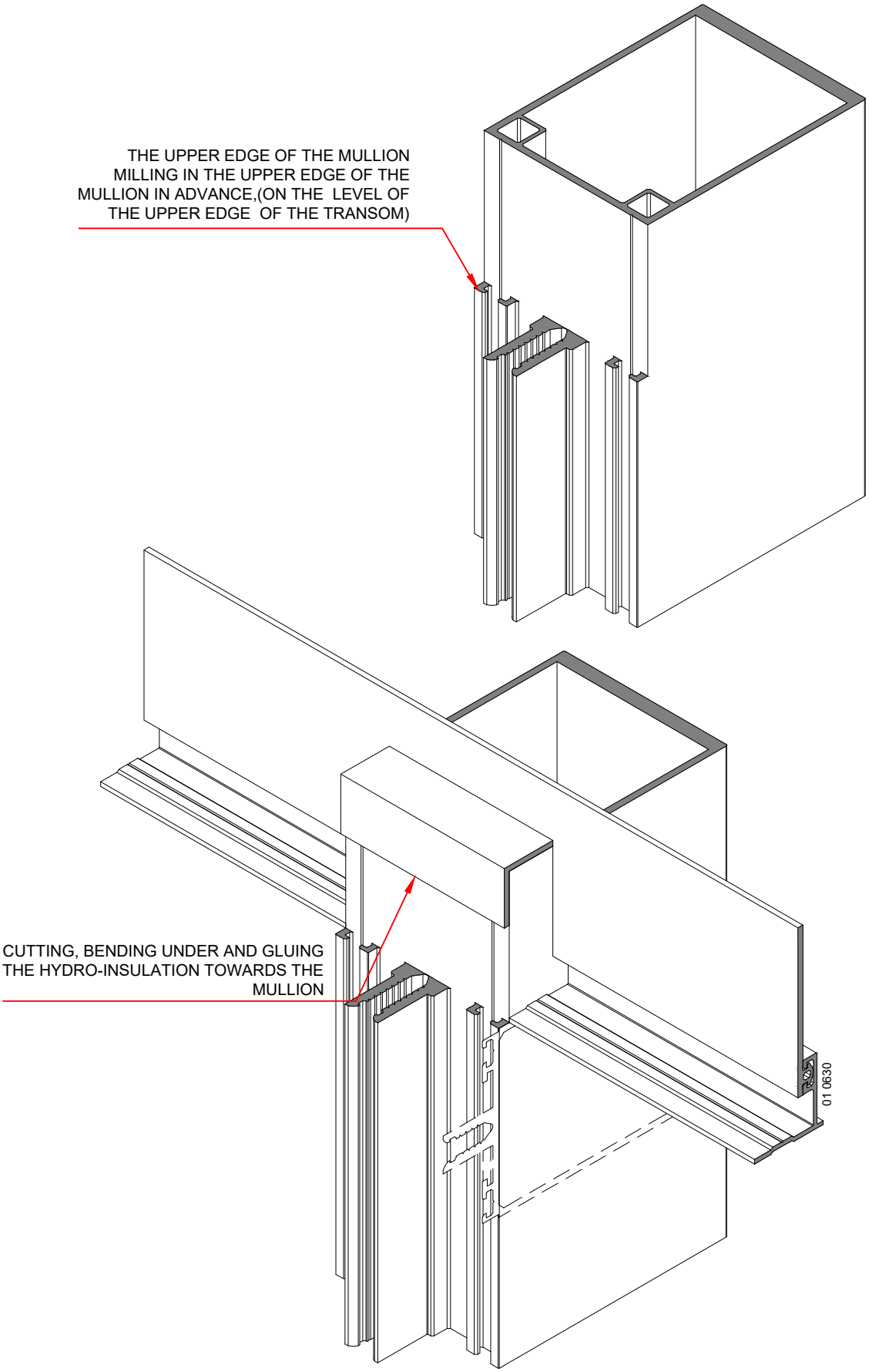
CROSS-SECTION OF THE UPPER EDGE OF THE FACADE



OPTION 1

SCALE 1:1

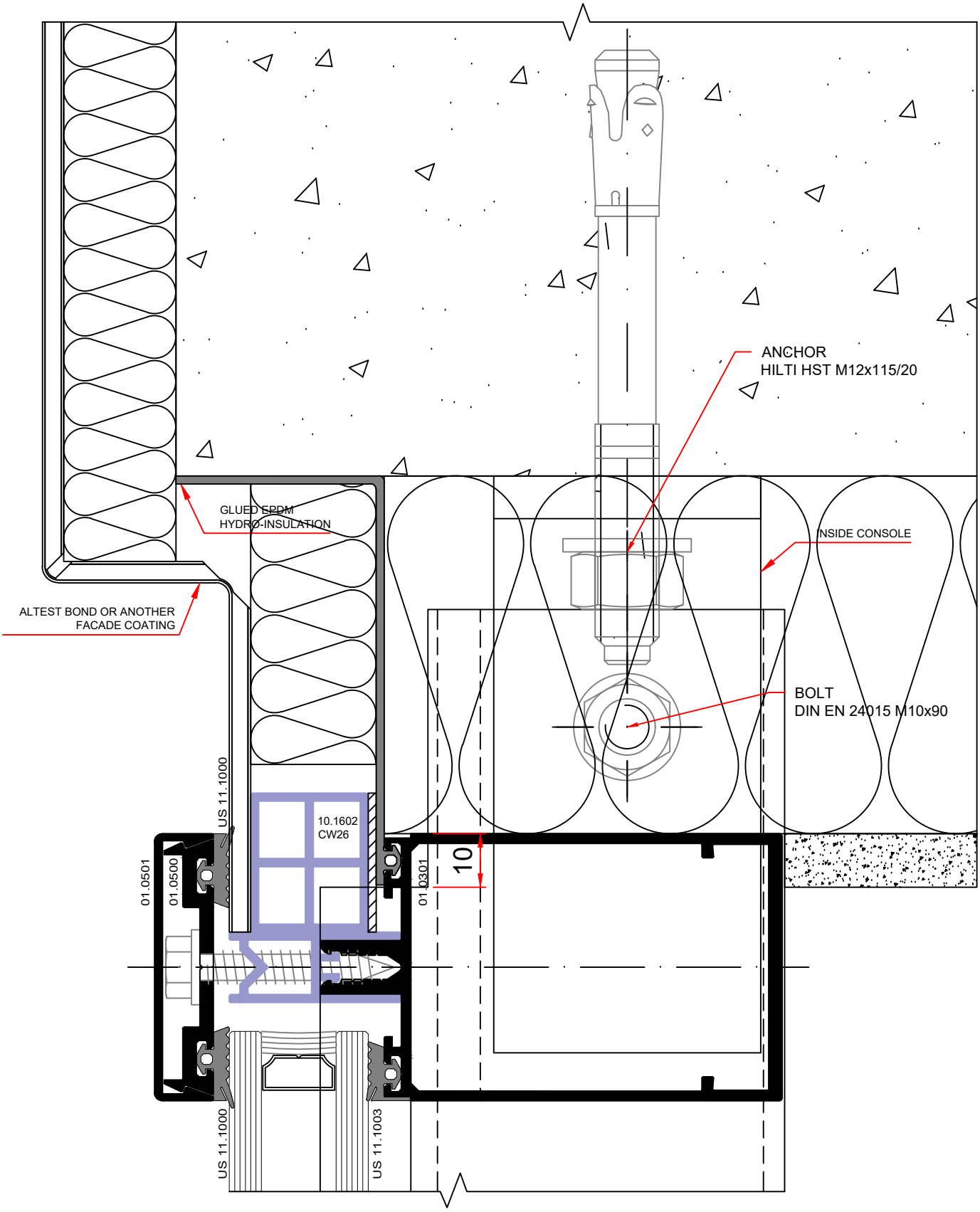
/MULLION MACHINING/



OPTION 1

/MULLION MACHINING/

GROSS-SECTION OF THE UPPER EDGE OF THE FACADE



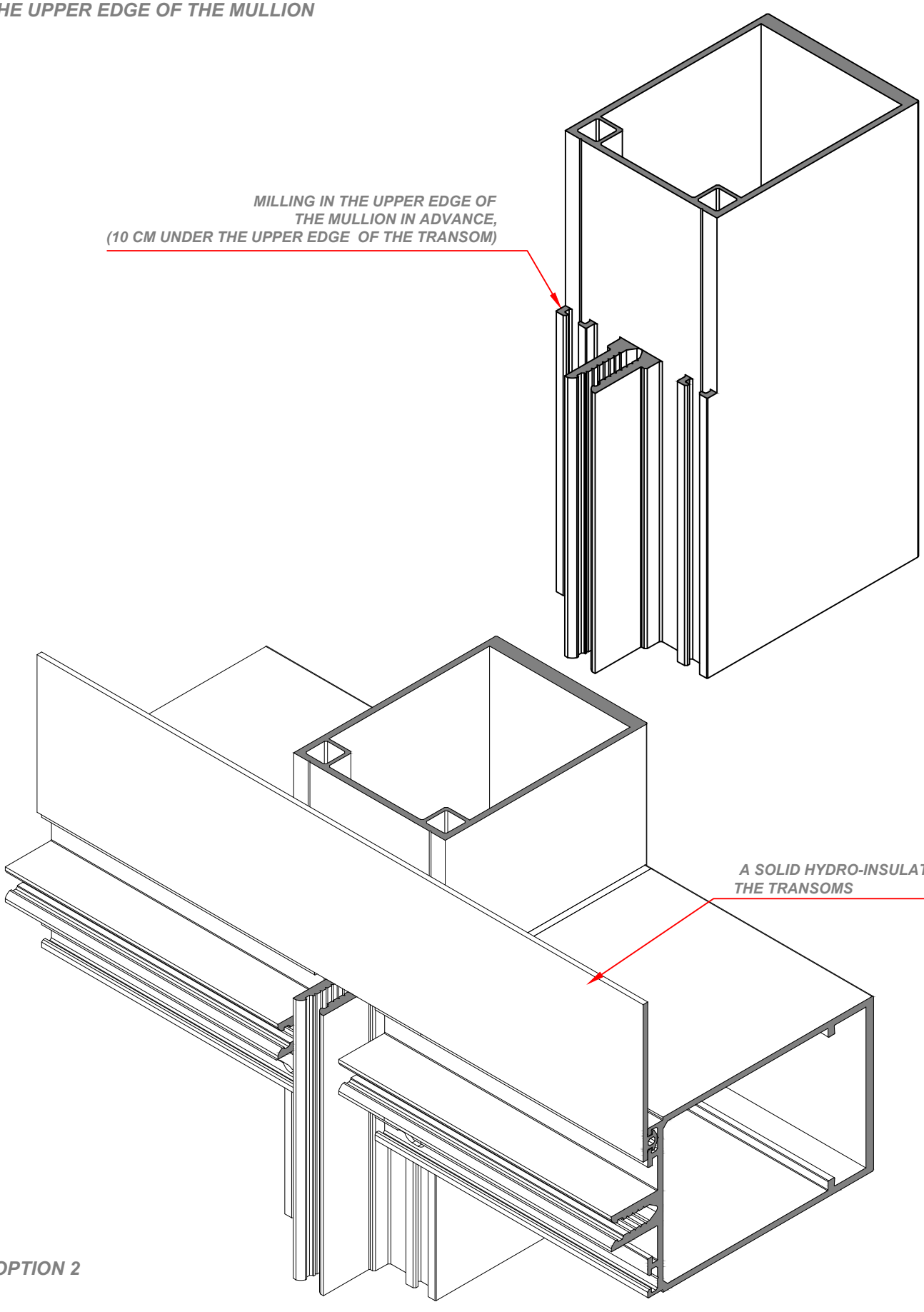
OPTION 2

SCALE 1:1

/MULLION MACHINING/

THE UPPER EDGE OF THE MULLION

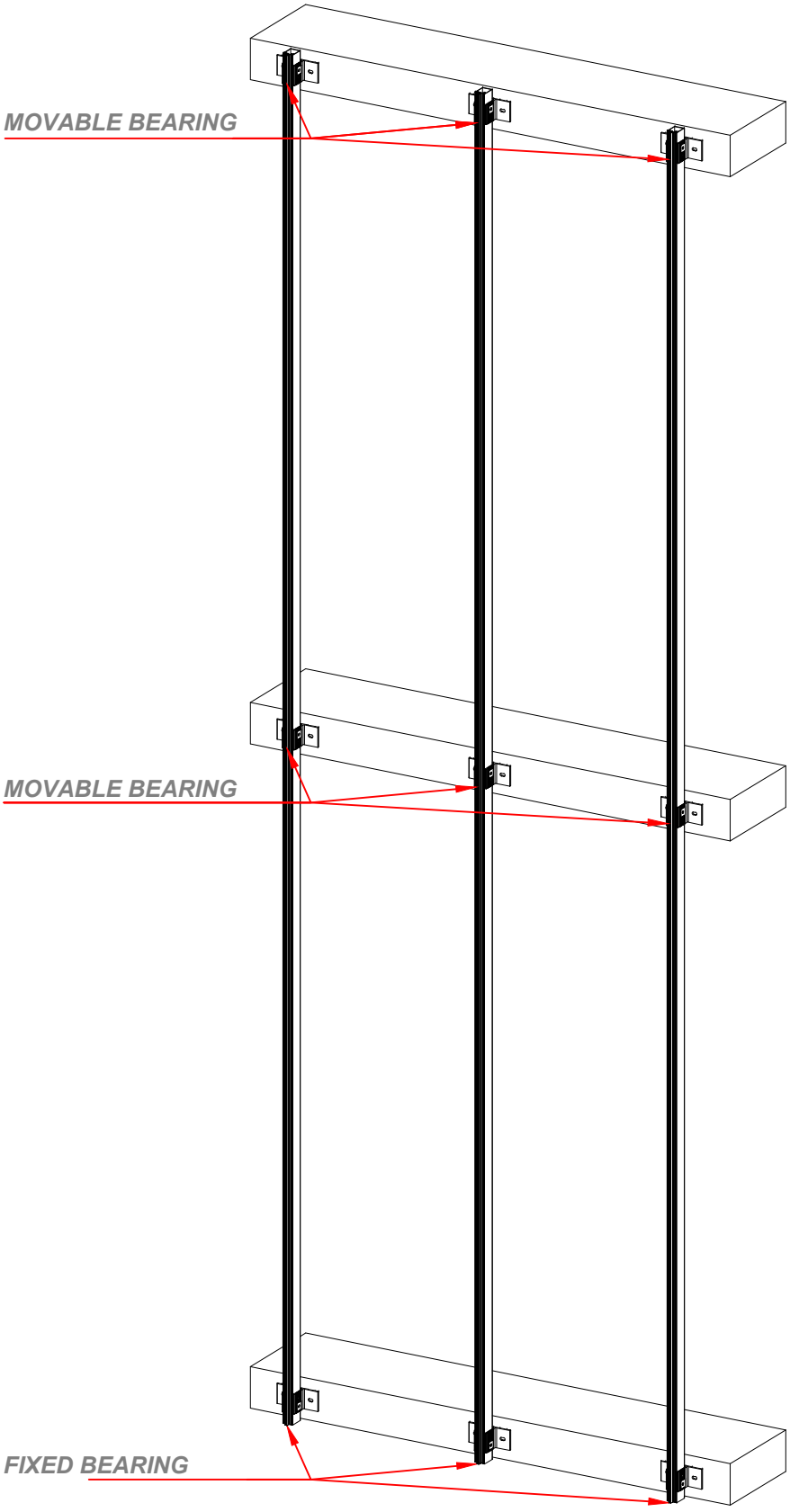
MILLING IN THE UPPER EDGE OF
THE MULLION IN ADVANCE,
(10 CM UNDER THE UPPER EDGE OF THE TRANSOM)



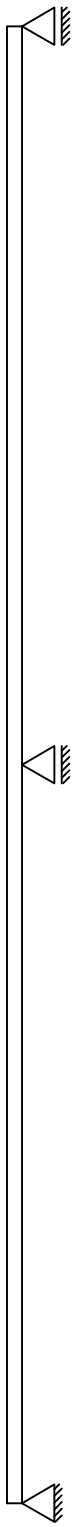
A SOLID HYDRO-INSULATION ON
THE TRANSOMS

OPTION 2

/INSTALLATION OF THE CURTAIN WALL ON AN EXISTING LOAD-BEARING CONSTRUCTION/
INSTALLATION IN FRONT OF A CONCRETE SLAB



STATIC SCHEME

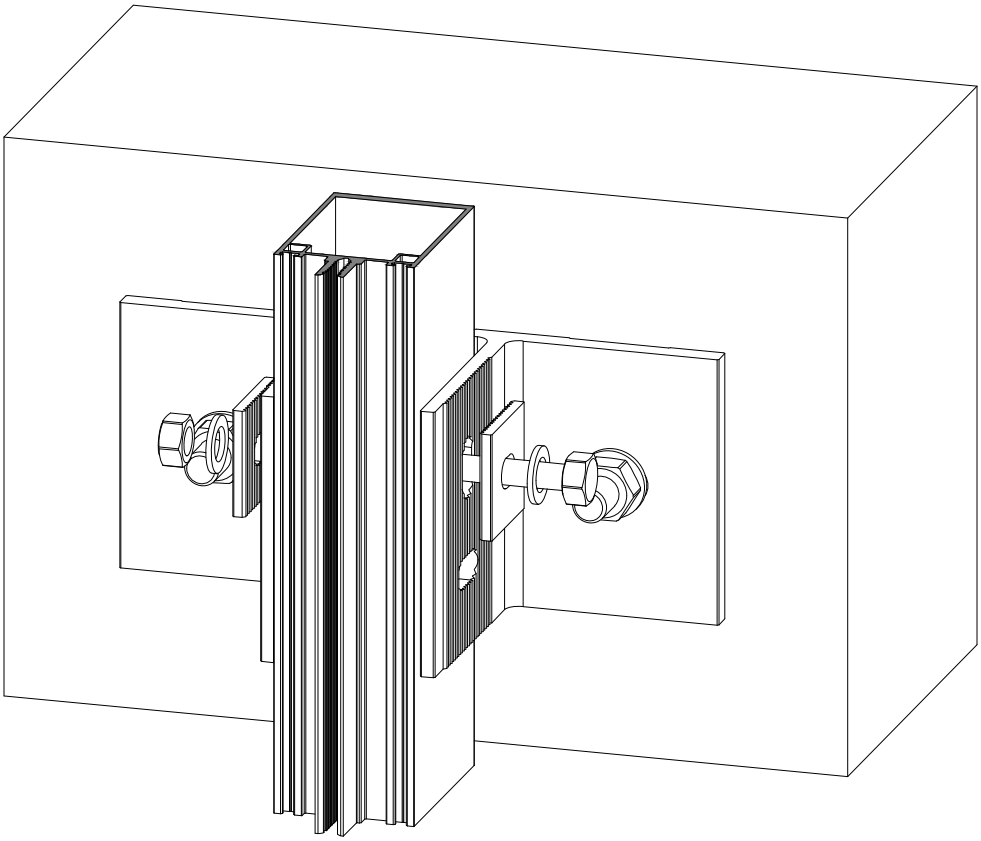


CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

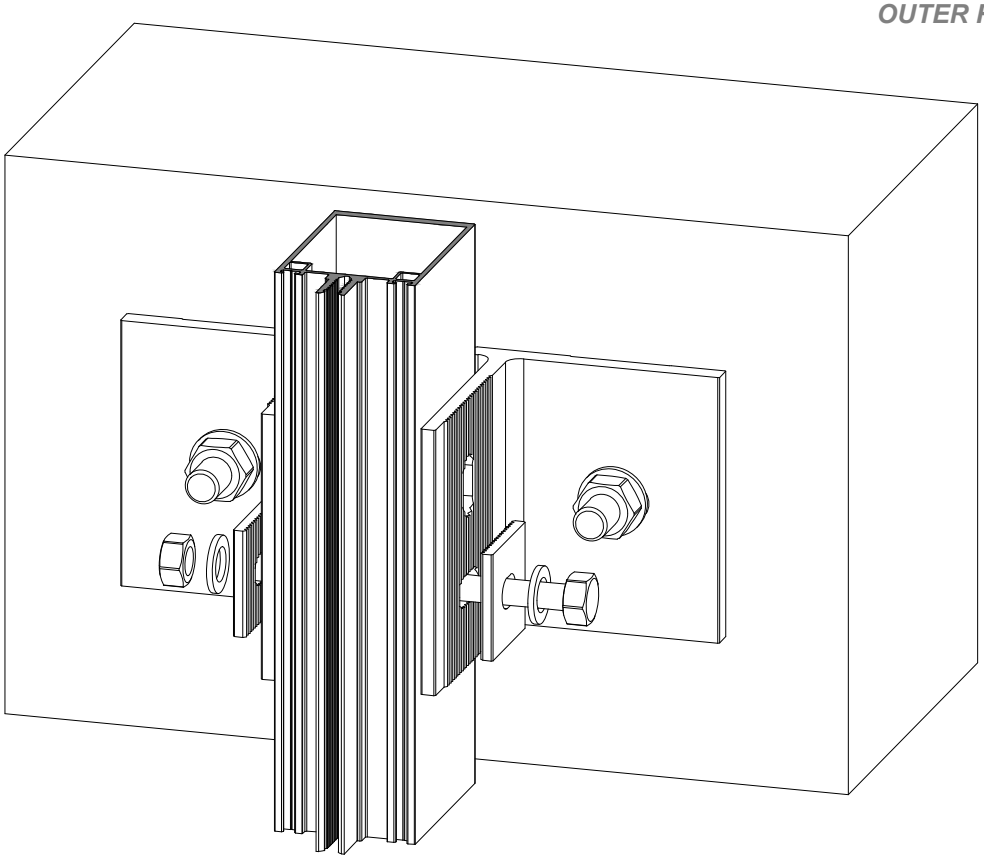
/INSTALLATION OF THE CURTAIN WALL ON AN EXISTING LOAD-BEARING CONSTRUCTION/

OUTER MOVABLE BEARING



IBOLT M10x90
IT IS FIXED IN THE VERTICAL OVAL HOLE OF THE CONSOLE
A ROUND HOLE IS DRILLED IN THE MULLION
OPENING Ø12 мм.
ANCHOR BOLTS- M12.

OUTER FIXED BEARING



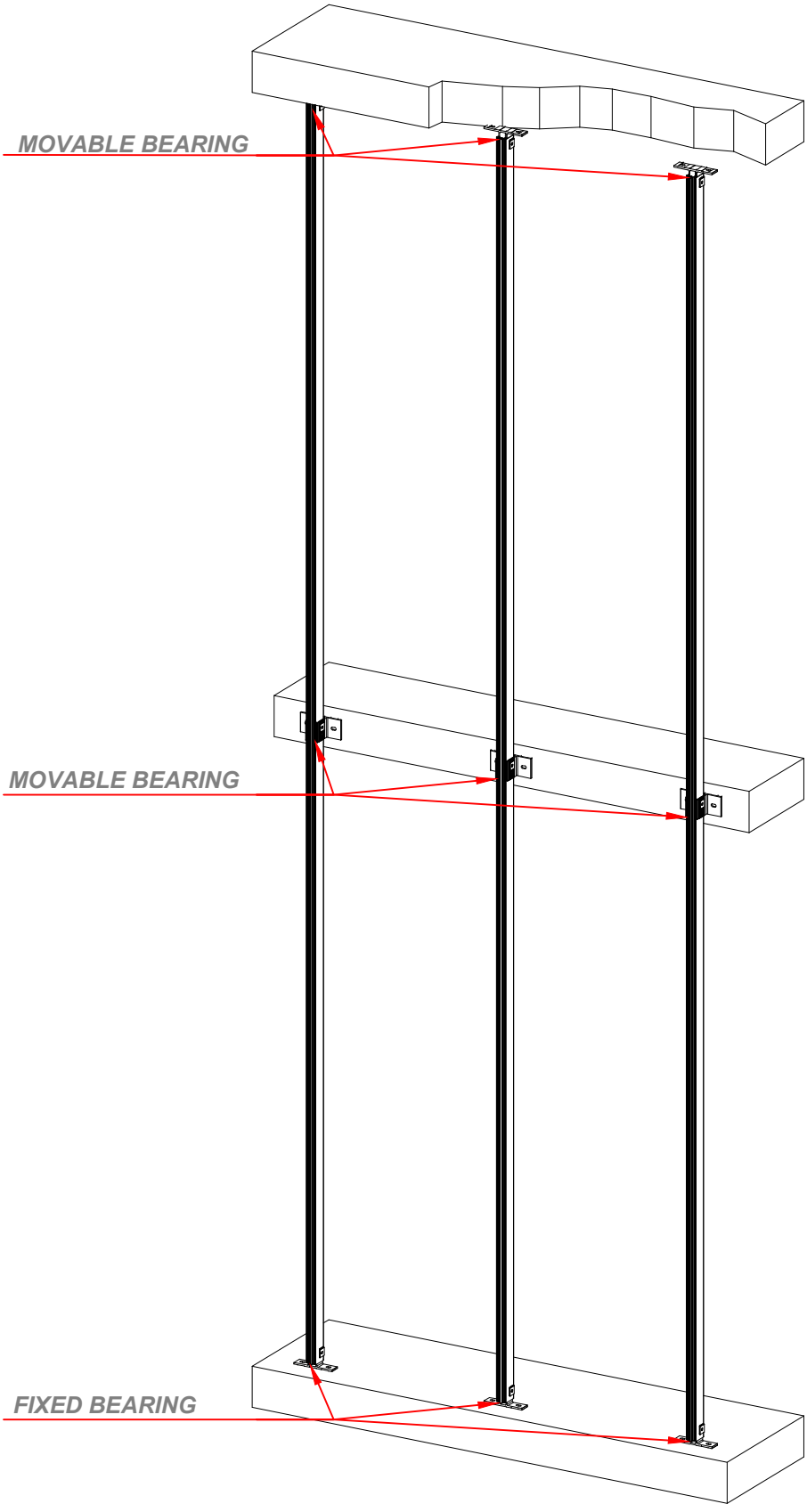
BOLT M10x90
IT IS FIXED IN THE HORIZONTAL OVAL HOLE OF THE CONSOLE.
A ROUND HOLE IS DRILLED IN THE MULLION Ø12 мм.
ANCHOR BOLTS M12.

CW 50
Curtain Wall system

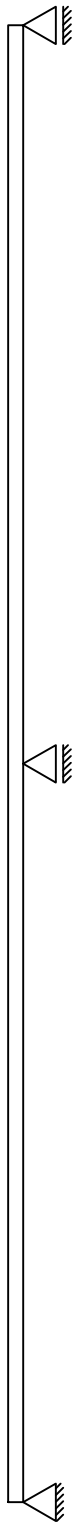
ALTEST®
ALUMINIUM PROFILES SYSTEM

/INSTALLATION OF THE CURTAIN WALL ON AN EXISTING LOAD-BEARING CONSTRUCTION/

INSTALLATION BETWEEN CONCRETE SLABS



STATIC SCHEME

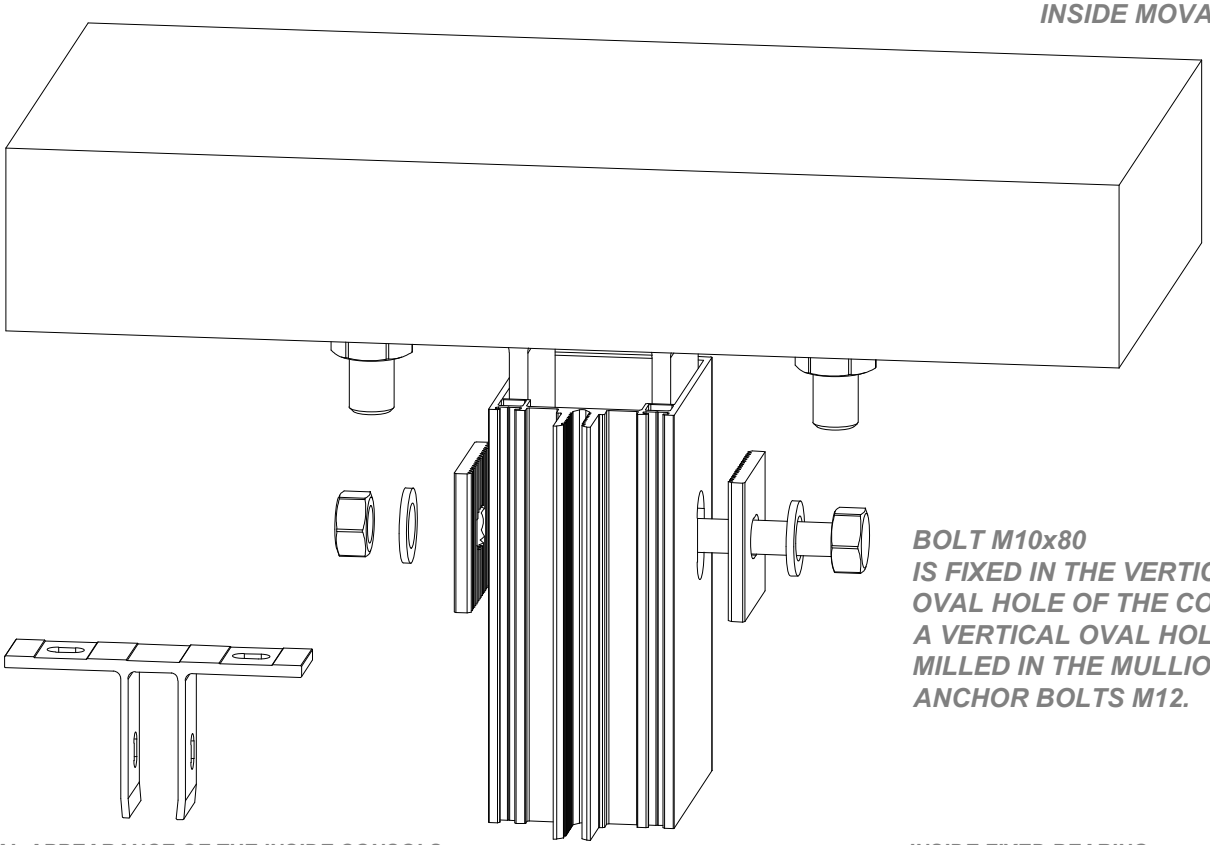


CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

/INSTALLATION OF THE CURTAIN WALL ON AN EXISTING LOAD-BEARING CONSTRUCTION/

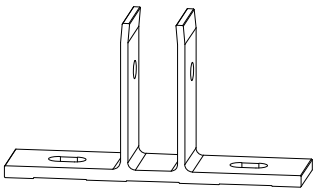
INSIDE MOVABLE BEARING



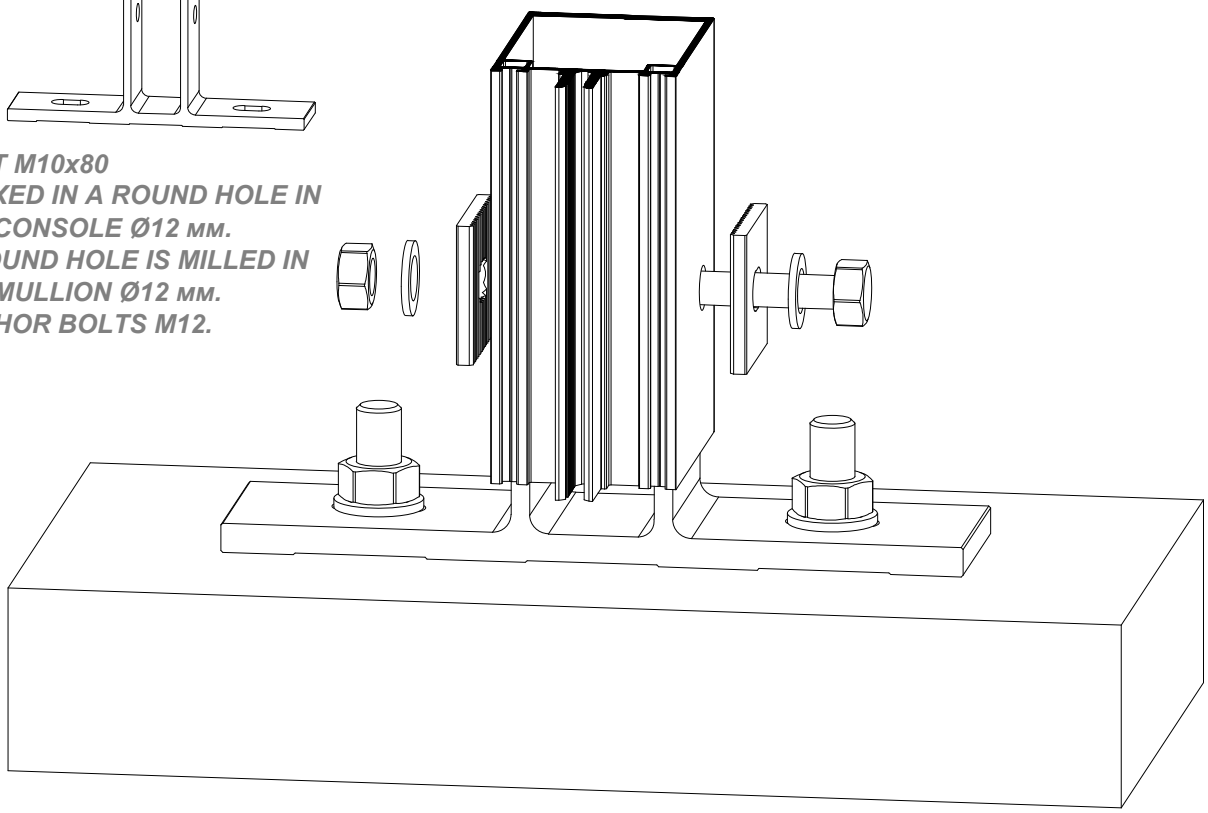
BOLT M10x80
IS FIXED IN THE VERTICAL OVAL HOLE OF THE CONSOLE.
A VERTICAL OVAL HOLE IS MILLED IN THE MULLION.
ANCHOR BOLTS M12.

GENERAL APPEARANCE OF THE INSIDE CONSOLS

INSIDE FIXED BEARING



BOLT M10x80
IS FIXED IN A ROUND HOLE IN THE CONSOLE Ø12 мм.
A ROUND HOLE IS MILLED IN THE MULLION Ø12 мм.
ANCHOR BOLTS M12.



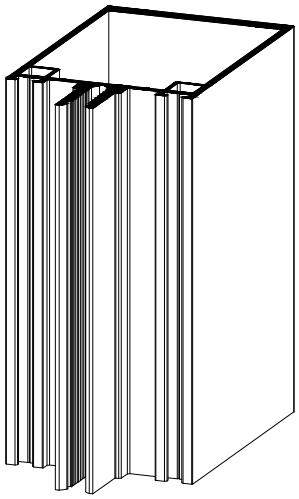
CW 50
Curtain Wall system

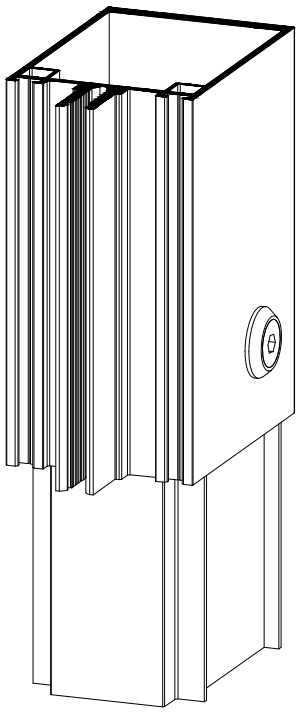
ALTEST®
ALUMINIUM PROFILES SYSTEM

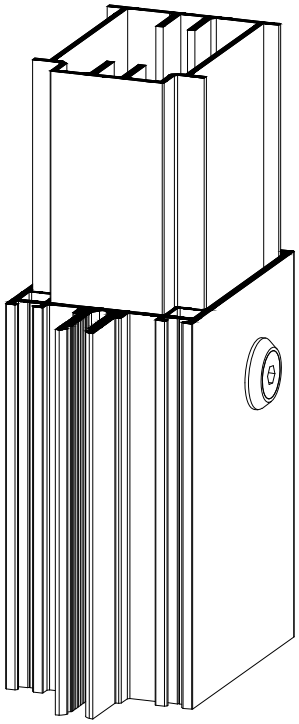
/LONGITUDINAL CONNECTORS FOR MULLION PROFILES/

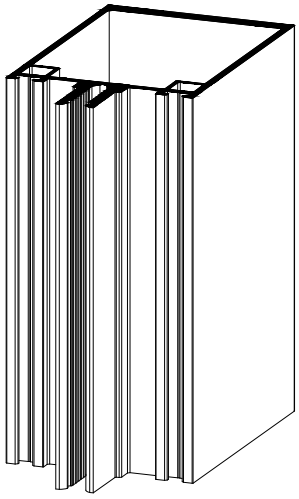
A LONGITUDINAL CONNECTOR ,FIXED IN THE INSIDE CHAMBER OF THE MULLION IS USED FOR THE VERTICAL JOINING OF THE PROFILES. IT CAN BE ATTACHED EITHER TO THE UPPER OR TO THE LOWER UNIT OF THE FACADE. IN MOST OF THE CASES THE JOINING OF THE PROFILES IS IN THE CONCRETE SLAB ZONE, SO THE LONGITUDINAL CONNECTOR IS FIXED BY THE BOLTS WHICH ARE ALSO USED FOR THE CONSTRUCTION CONSOLE.
IF THE JOINING IS IN ANY OTHER ZONE THE LONGITUDINAL CONNECTOR IS FIXED EITHER TO THE UPPER OR TO THE LOWER PROFILE BY USING BOLTS AND SCREWS (NOT IN FRONT ON THE CONDENSING MOISTURE CHAMBER).

THE LENGTH OF THE LONGITUDINAL CONNECTOR MUST BE AT LEAST 500 мм.



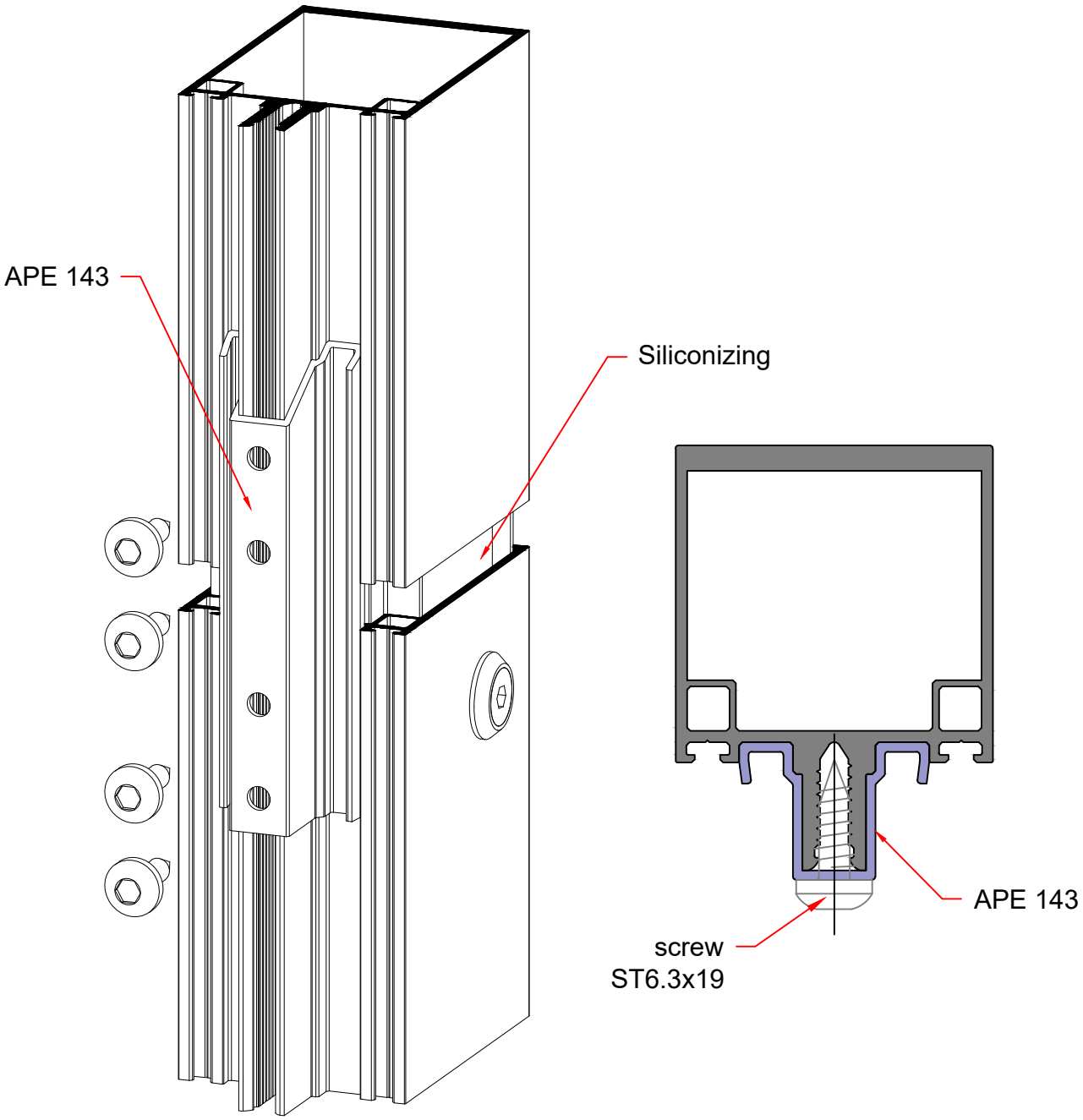






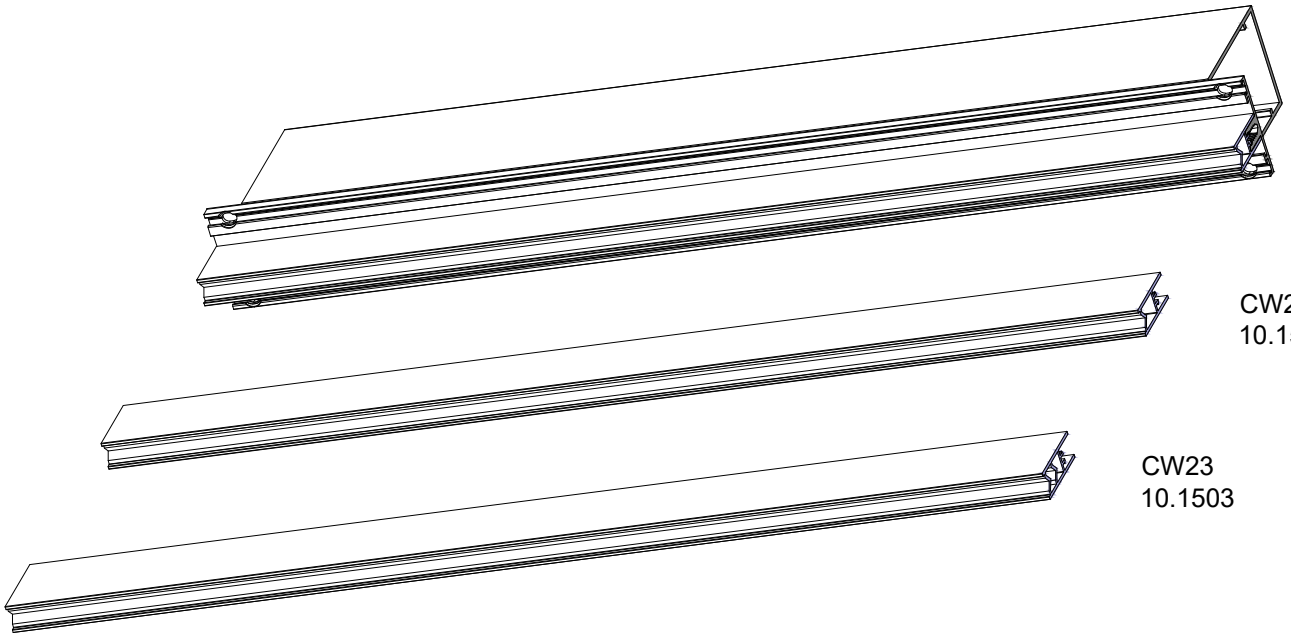
/LONGITUDINAL CONNECTORS FOR MULLION PROFILES/

THE GAP BETWEEN VERTICAL UNITS IS MATCHED FOR EVERY SPECIFIC CASE , IT IS RECOMMENDED TO BE AT LEAST 10 мм LONG.
AFTER THE INSTALLATION, A DRAINAGE PROFILE (10.1700) MUST BE FIXED AT THE FRONT OF THE VERTICAL UNIT.SILICONIZED SCREWS 6,3x19 мм MUST BE USED FOR THE INSTALLATON .
IT HELPS WITH THE TRANSPORTATION OF THE CONDENSING MOISTURE DOWNWARDS.
THE OTHER PART OF THE GAP HAS TO BE SILICONIZED.

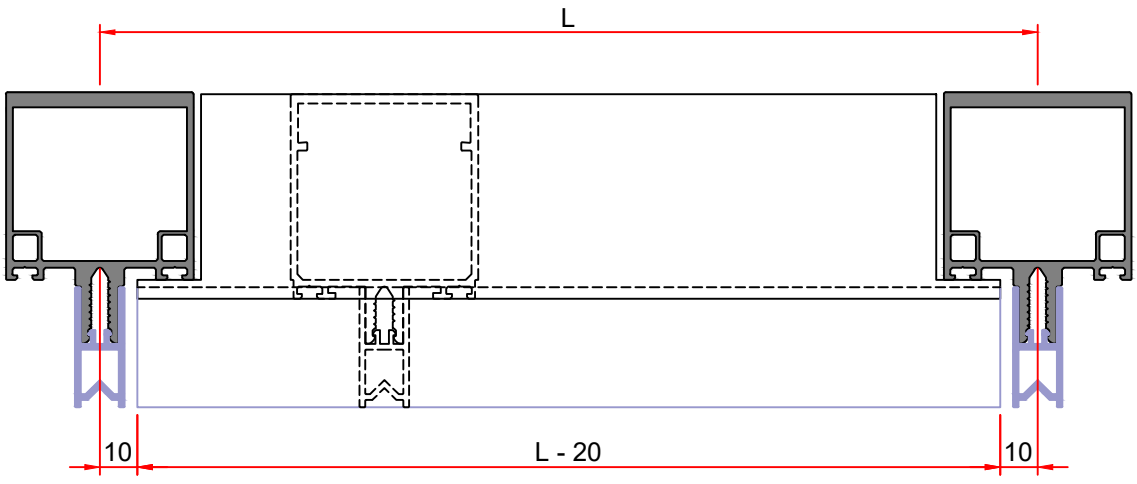


/INSTALLING A THERMAL INSULATION SPACER/

HORIZONTAL UNIT
COVER CAP



THE LENGTH OF THE THERMAL INSULATION SPACER IS THE SAME AS THE ONE OF THE TRANSOM (FOR ALL SIZES)



SCALE 1:2

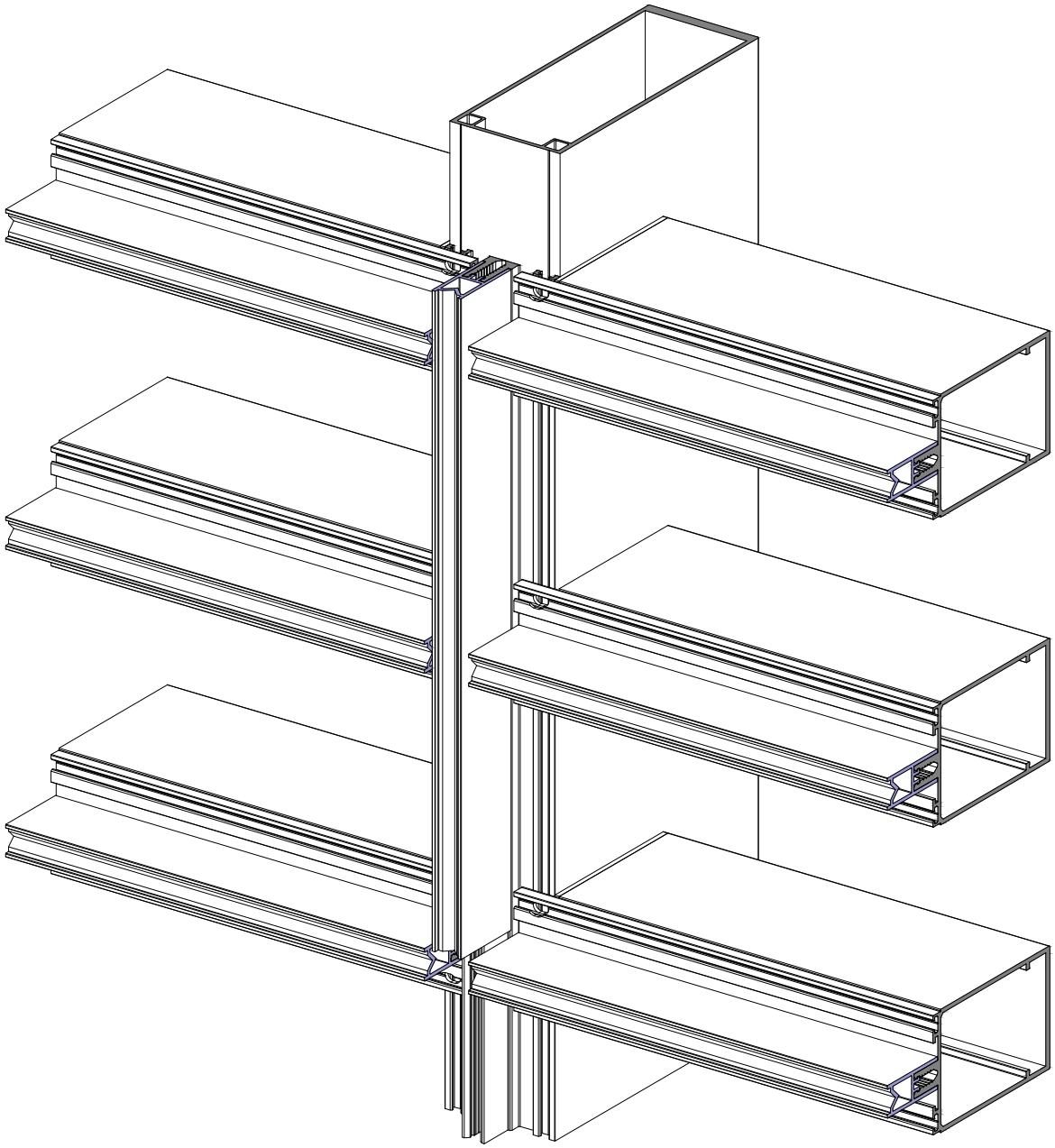
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/INSTALLING A THERMAL INSULATION SPACER/

VERTICAL UNIT
COVER CAP

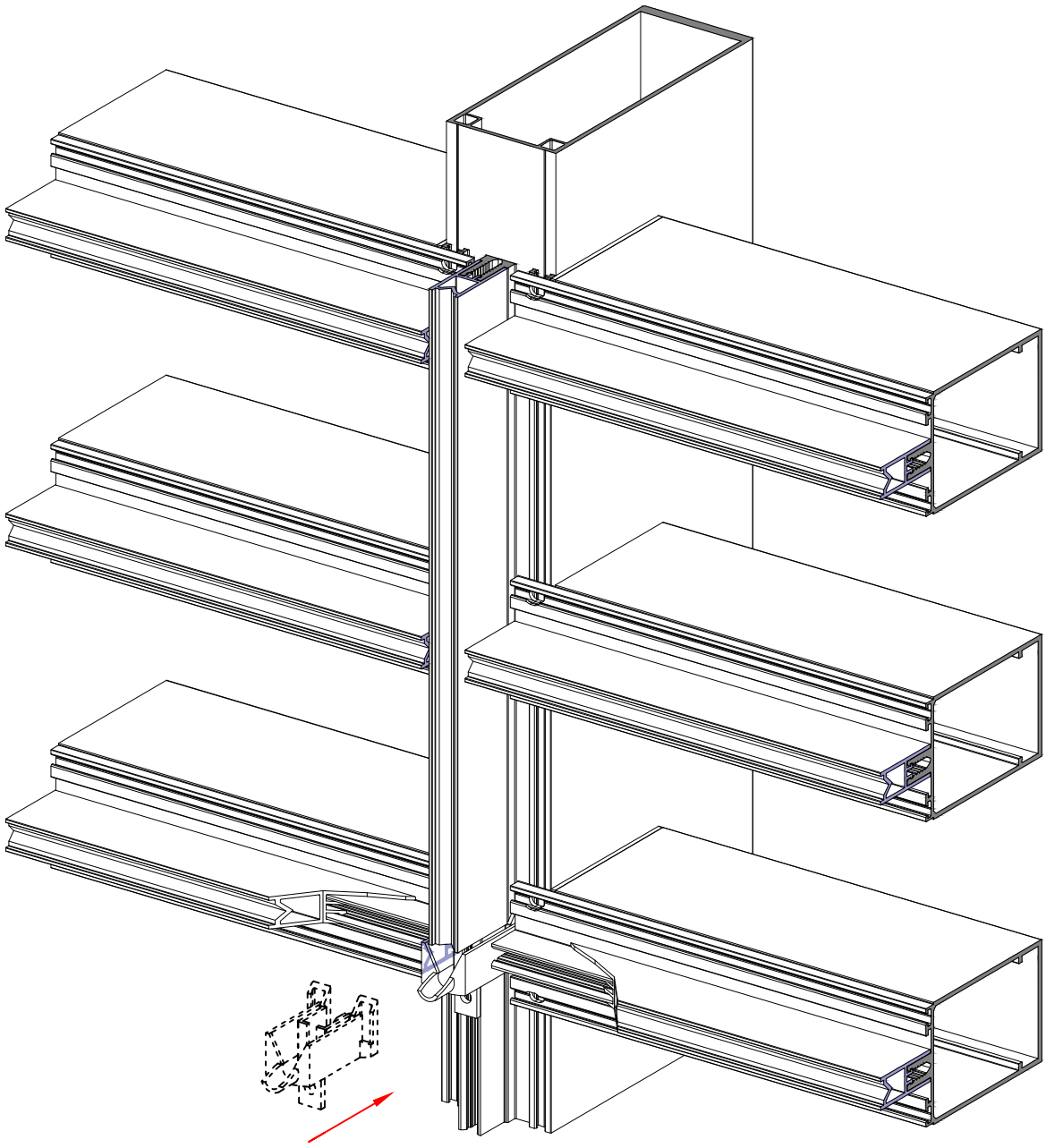
THERMAL INSULATION PROFILE IS FIXED ALONG THE WHOLE LENGTH OF THE MULLION.IT STARTS FROM THE THERMAL INSULATION SPACER OF THE LOWEST TRANSOM AND FINISHES AT THE UPPER EDGE OF THE TOP TRANSOM.



/FINISHING DRAINAGE PROFILE INSTALLATION/

LOWEST FACADE EDGE

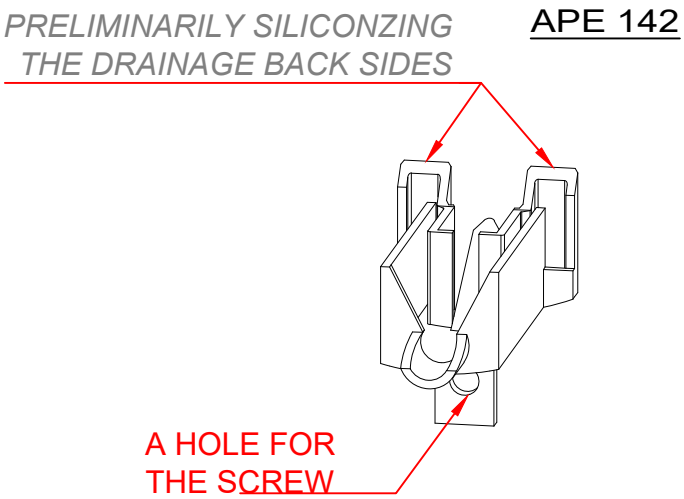
THE DESIGN OF THE DRAINAGE PROFILE MAKES IT POSSIBLE TO BE FIXED AT THE BUILDING,AFTER THE ALUMINIUM CONSTRUCTION IS INSTALLED . BEFORE FIXING IT ,ITS BACK SIDES HAVE TO BE SILICONISED, SO ITS BETTER ATTACHED TO THE MULLION.AFTER ITS INSTALLATION THE DRAINAGE IS FIXED WITH A SCREW 6,3x19 .

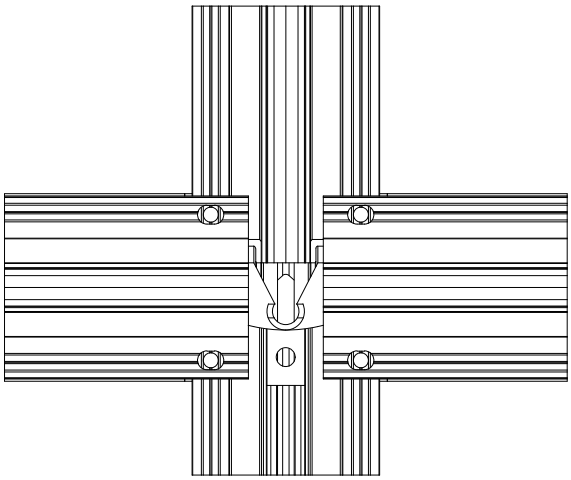


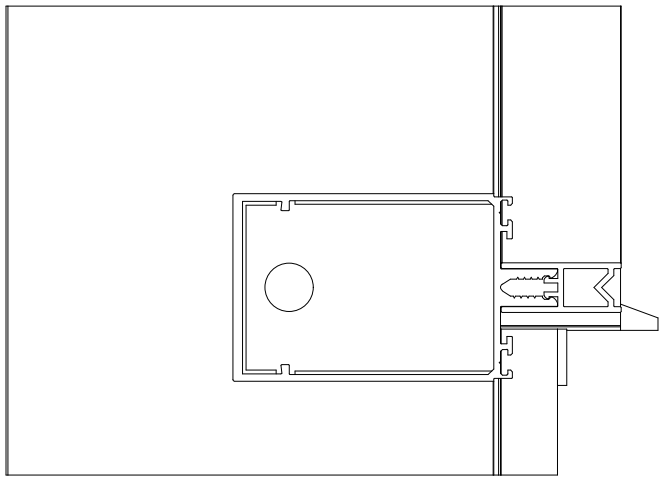
CW 50
Curtain Wall system

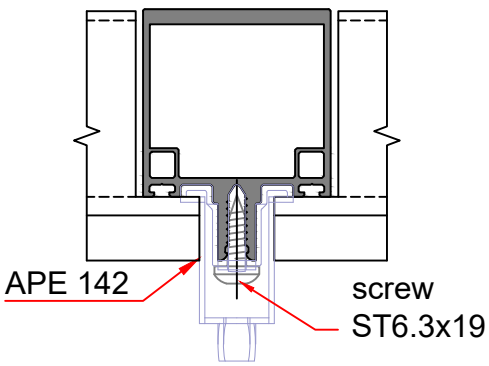
ALTEST® ALUMINIUM PROFILES SYSTEM

/FINISHING DRAINAGE PROFILE INSTALLATION/









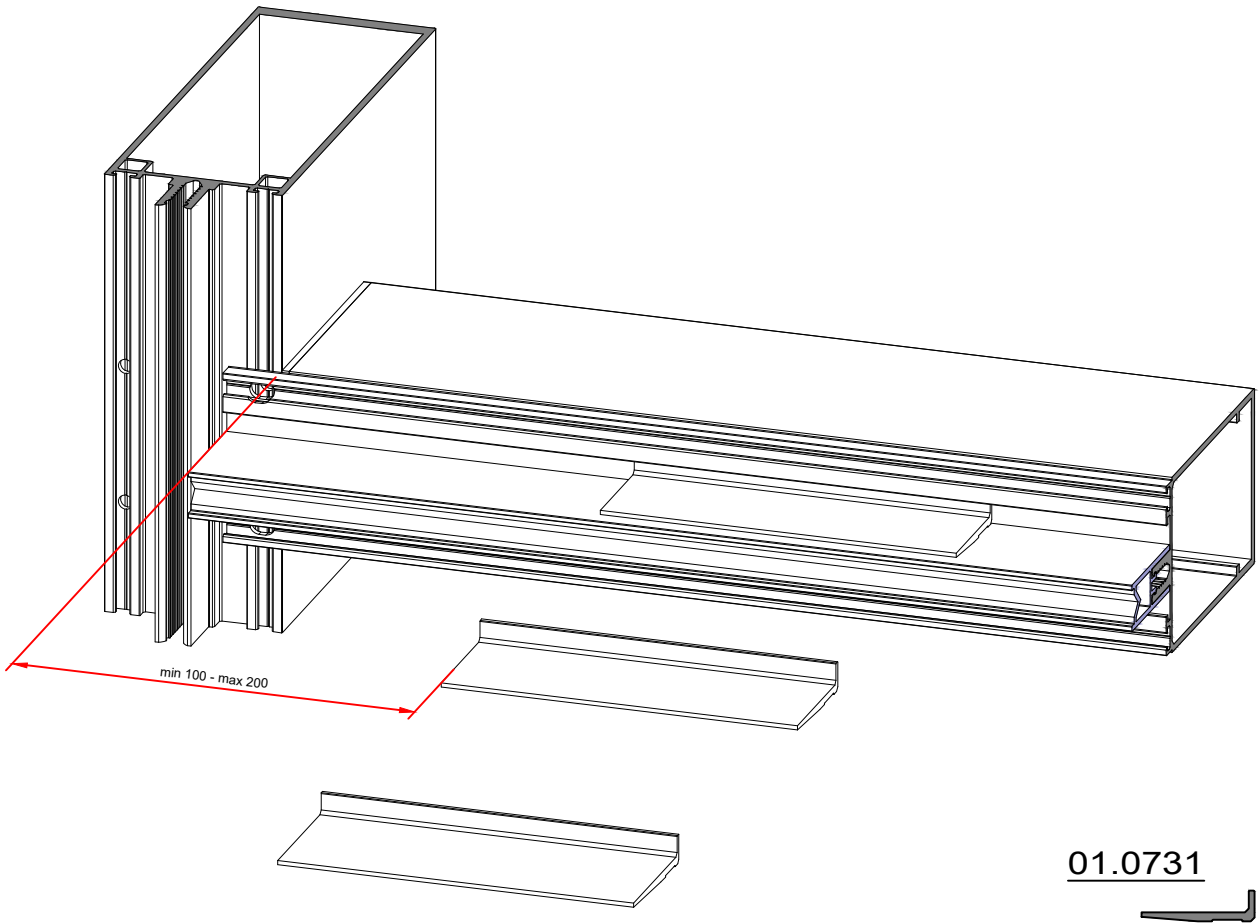
SCALE 1:2

CW 50
Curtain Wall system

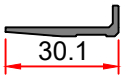
ALTEST®
ALUMINIUM PROFILES SYSTEM

/ATTACHING THE GLAZING TO THE ALUMINIUM PROFILES/
FIXING GLAZING SHIMS ON THE TRANSOM

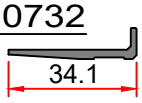
THE ALUMINIUM GLAZING SHIMS ARE UNDERLAYED IN THE TRANSOM AND LAY DOWN ON A THERMAL INSULATION SPACER (WHICH HAS BEEN FIXED BEFORE THAT).
BEFORE FIXING THE GLAZING ,PVC LEVELING PADS ARE INSTALLED ON THE SHIMS.
IF YOU CUT THEM FROM A POLE THEIR LENGTH SHOULD BE 100 мм.
TWO SHIMS HAVE TO BE PUT ON A TRANSOM. THE DISTANCE THEY ARE FIXED FROM THE EDGE OF THE PROFILE IS DIFFERENT EVERY TIME AND DEPENDS ON THE LENGTH OF THE PROFILE.
MINIMUM DISTANCE FROM THE MULLION EDGE IS 100 мм, MAXIMUM 200 мм.



01.0731



01.0732



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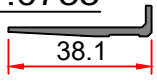


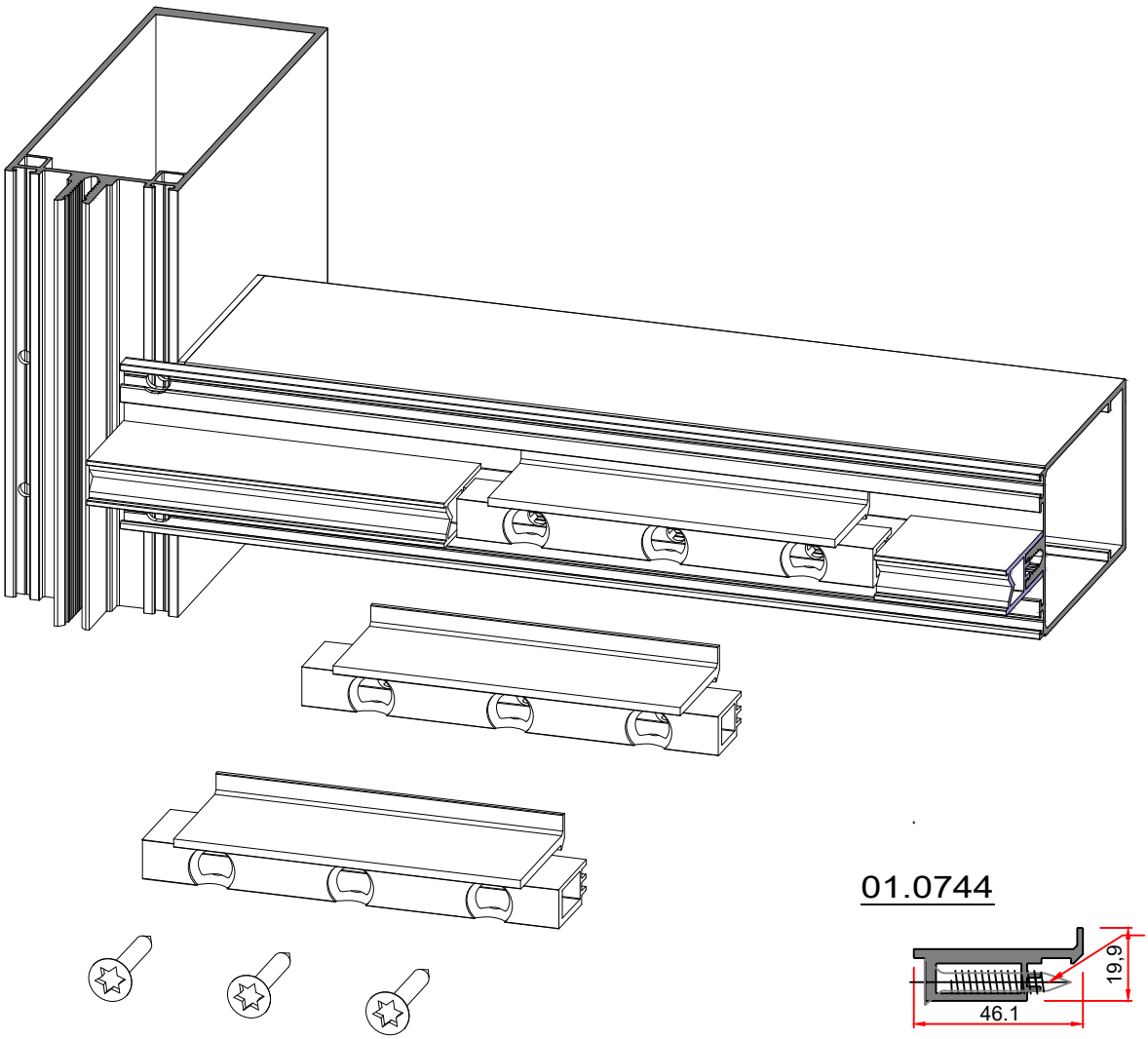
SCALE 1:2

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

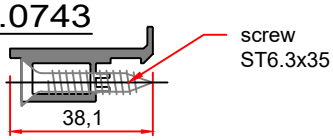
/ATTACHING THE GLAZING TO THE ALUMINIUM PROFILES/
FIXING GLAZING SHIMS ON THE TRANSOM

THE SPECIAL (REINFORCED) ALUMINIUM SHIMS FOR HEAVY GLAZINGS ARE UNDERLAYED IN THE TRANSOM AND FIXED TO IT BY THREE SCREWS (THE DIAMETER OF EACH ONE IS 6,3 mm ; THE LENGTH DEPENDS ON ITS WIDTH). THE THERMAL INSULATION SPACER SHOULD BE CUT IN ITS CONTACT AREA WITH THE GLAZING SHIMS. BEFORE FIXING THE GLAZING PVC LEVELING PADS ARE INSTALLED ON THE SHIM.
THEY ARE ALWAYS MADE OF A STORE ACCESSORY ,CUT IN ADVANCE WITH MILLED OPENINGS. TWO SHIMS MUST BE PUT ON A TRANSOM. IN SOME CASES WHEN THE GLAZING LOADS ARE VERY HEAVY, THE REINFORCED SHIMS MAY BE SHORED SO THAT THE FORCES ARE TRANSMITTED TO ANOTHER CONSTRUCTION AND THE TRANSOM STAYS UNLOADED.



01.0744

01.0743



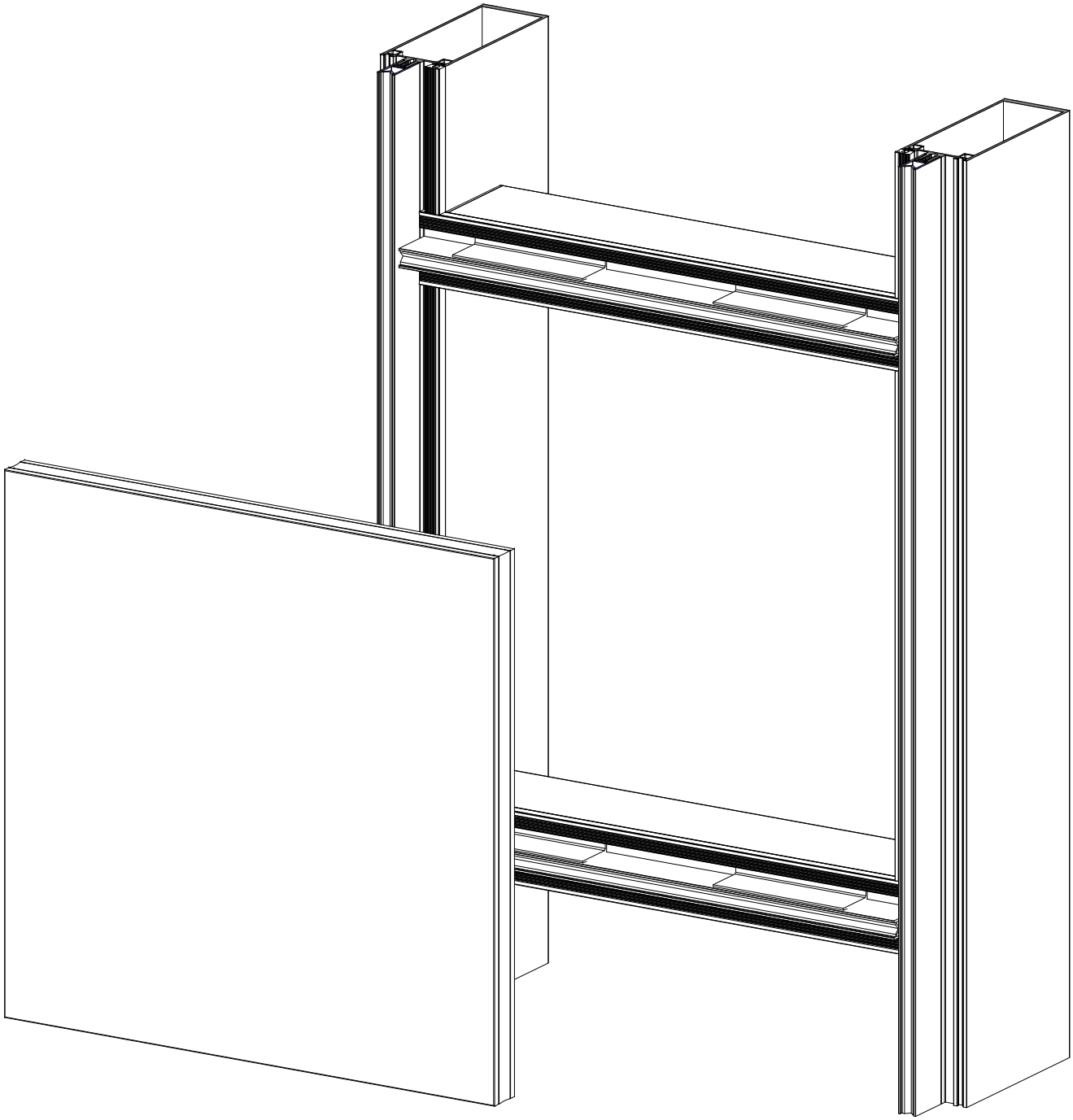
SCALE 1:2

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

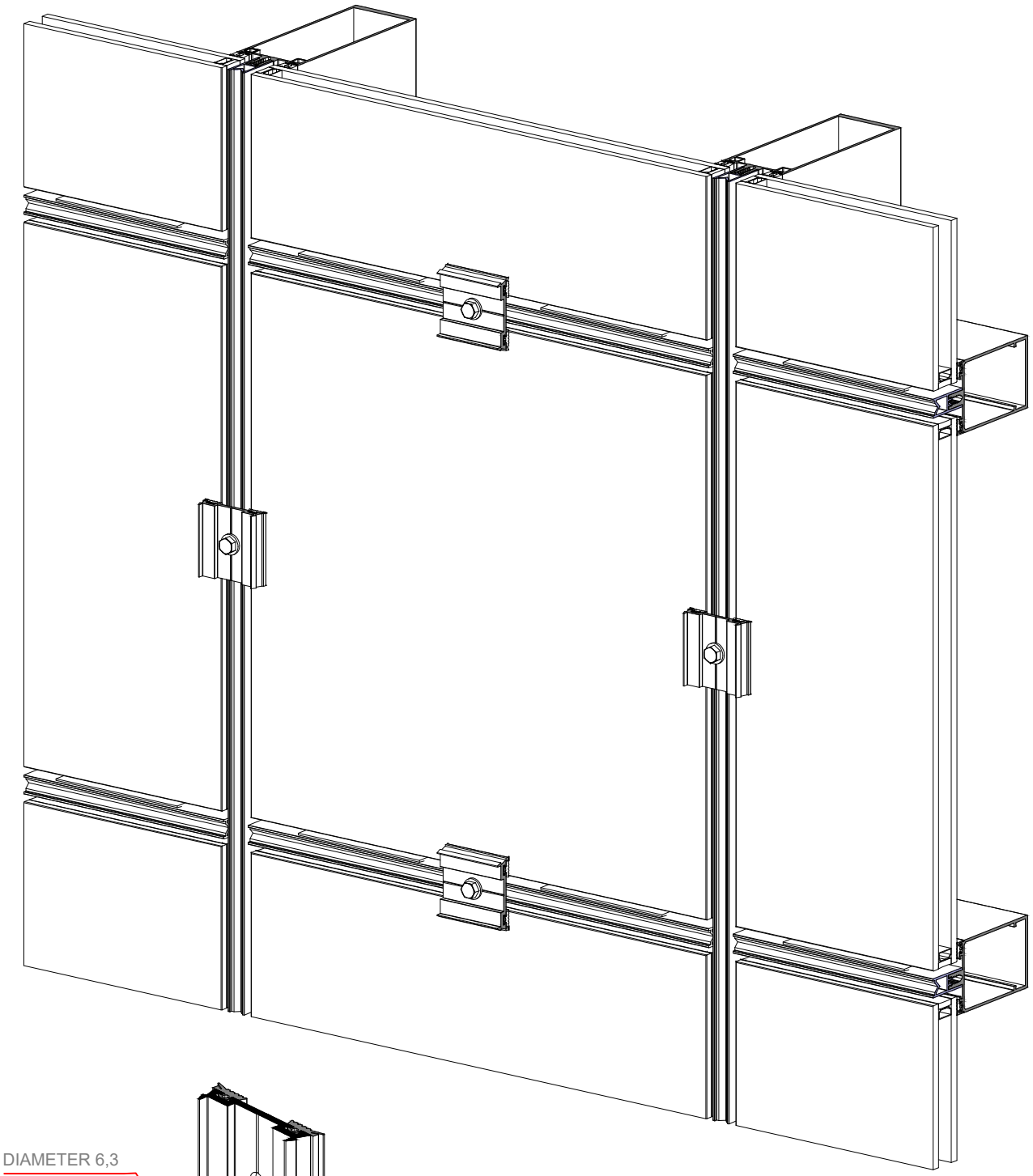
/GLAZING INSTALLATION/

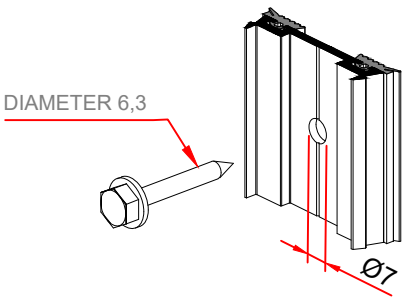
BEFORE THE GLAZING INSTALLATION EPDM GASKETS ARE FIXED TO THE MULLIONS AND TRANSOMS. THEY HAVE TO BE CAREFULLY CUT OUT IN THEIR CONTACT ZONE. IF IT IS REQUIRED THEY CAN BE STICK TO EACH OTHER BY USING A SPECIAL TYPE OF CURING GLUE. AFTER PUTTING THE GLAZING ON ITS PLACE, IT IS TEMPORARY ATTACHED TO THE CONSTRUCTION WITH PIECES CUT FROM THE PRESSURE PLATES.



/GLAZING INSTALLATION/

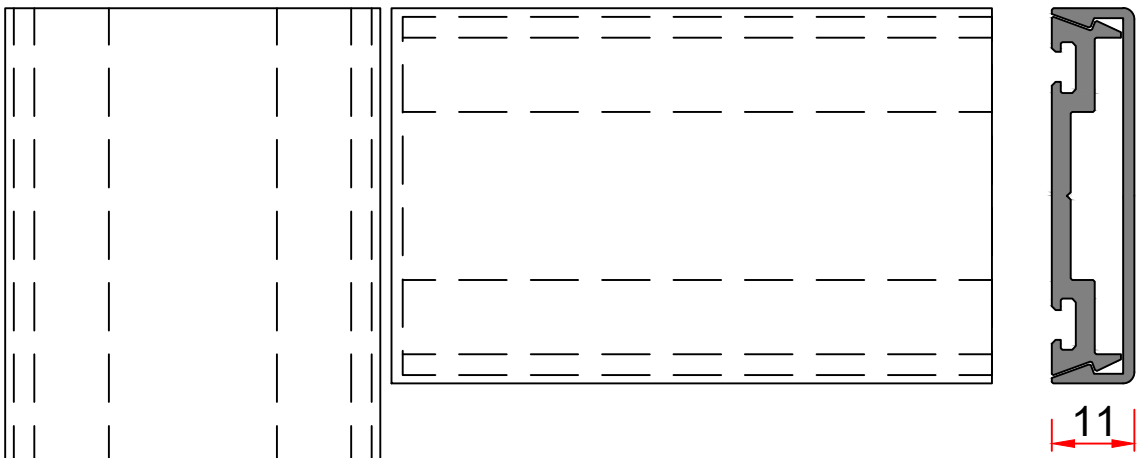
EPDM GASKETS ARE SET ON THE TEMPORARY PIECES TOO. THEY ARE CAREFULLY ATTACHED TO THE CONSTRUCTION. IT IS REQUIRED NOT TO PRESS THE GLAZING TOO HARD IN ORDER NOT TO BREAK IT.

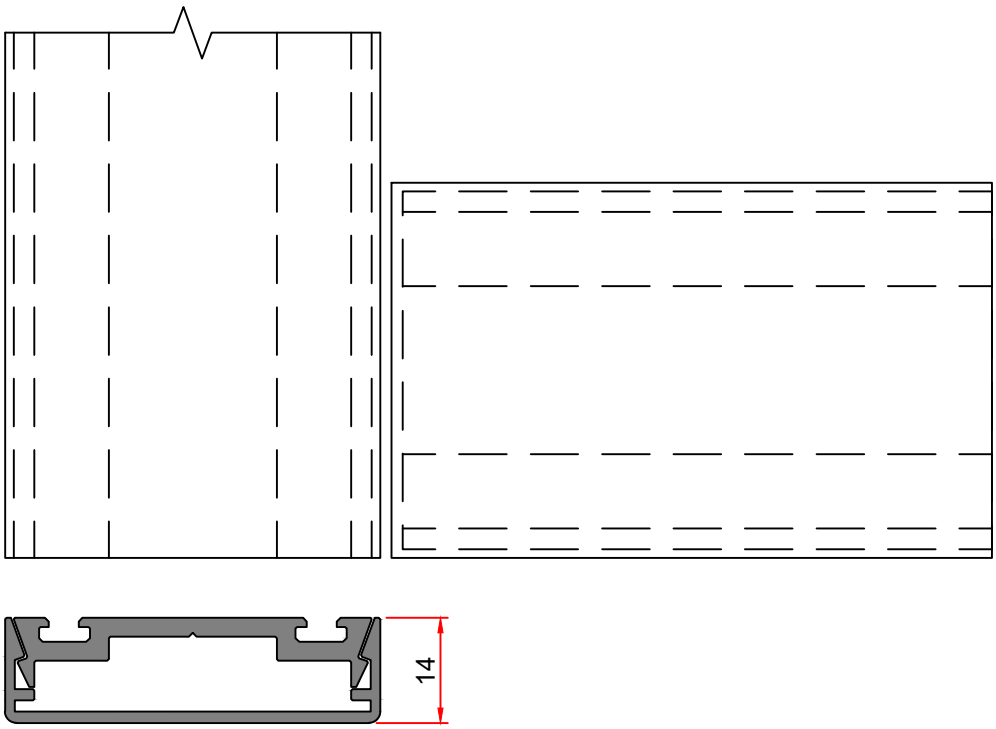




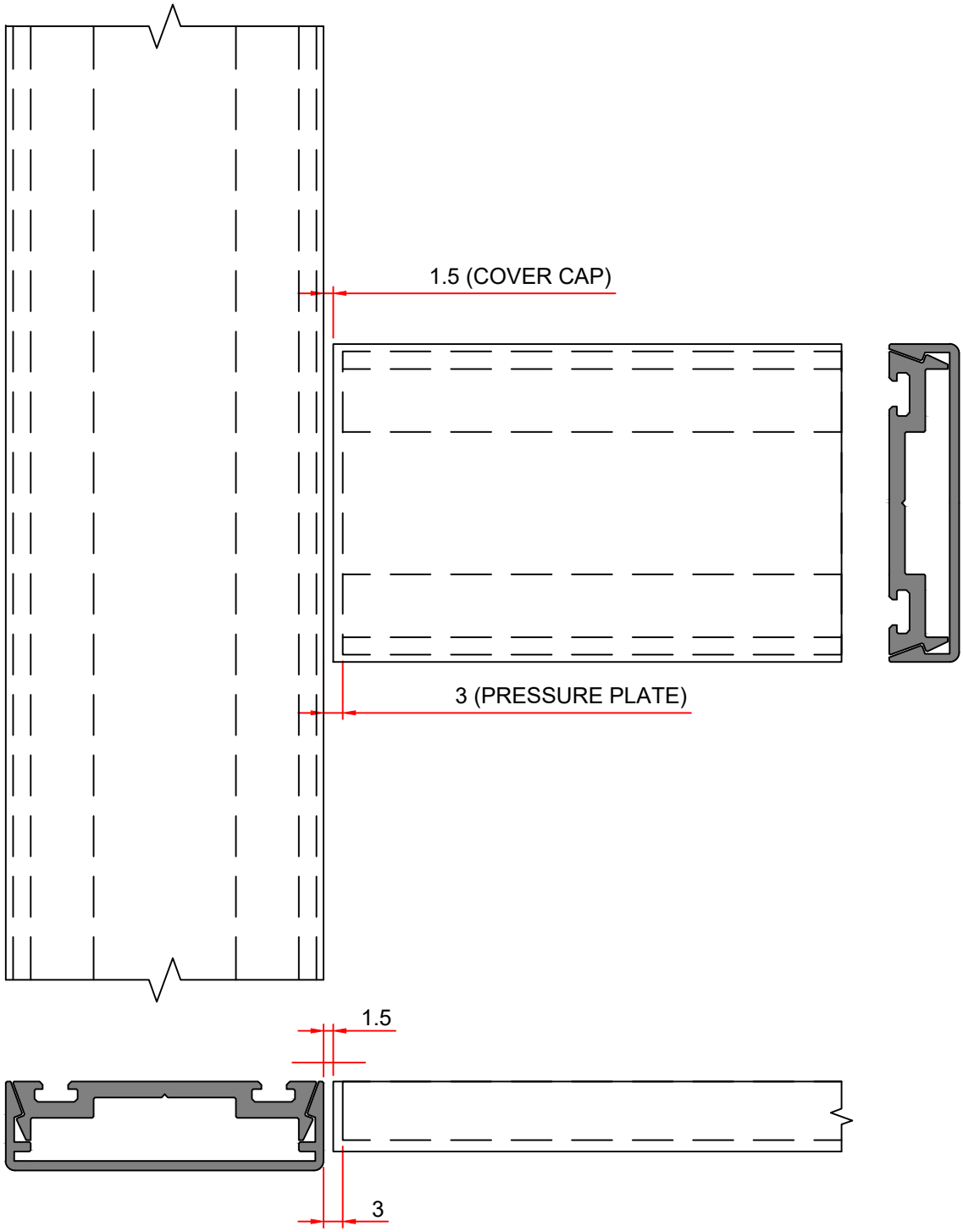
/MULLION PRESSURE PLATE AND COVER CAP INSTALLATION/

USUALLY WHEN INSTALLING CURTAIN WALLS WITH COVER CAPS, THE MULLION COVER CAP IS BIGGER THAN THE ONE OF THE TRANSOM (IT JUTS OUT). IN THAT CASE ITS HEIGHT DEPENDS ON THE TRANSOM PLACEMENT , IT STARTS FROM THE LOWER EDGE OF THE LOWEST TRANSOM AND ENDS AT THE UPPER EDGE OF THE HIGHEST TRANSOM .
THE LENGTH OF THE PRESSURE PLATE IS EQUAL TO THE LENGTH OF THE COVER CAP.
IT IS POSSIBLE A DIFFERENT PLACEMENT TO BE DONE IF THERE ARE OTHER TYPES OF CONSTRUCTIONS.



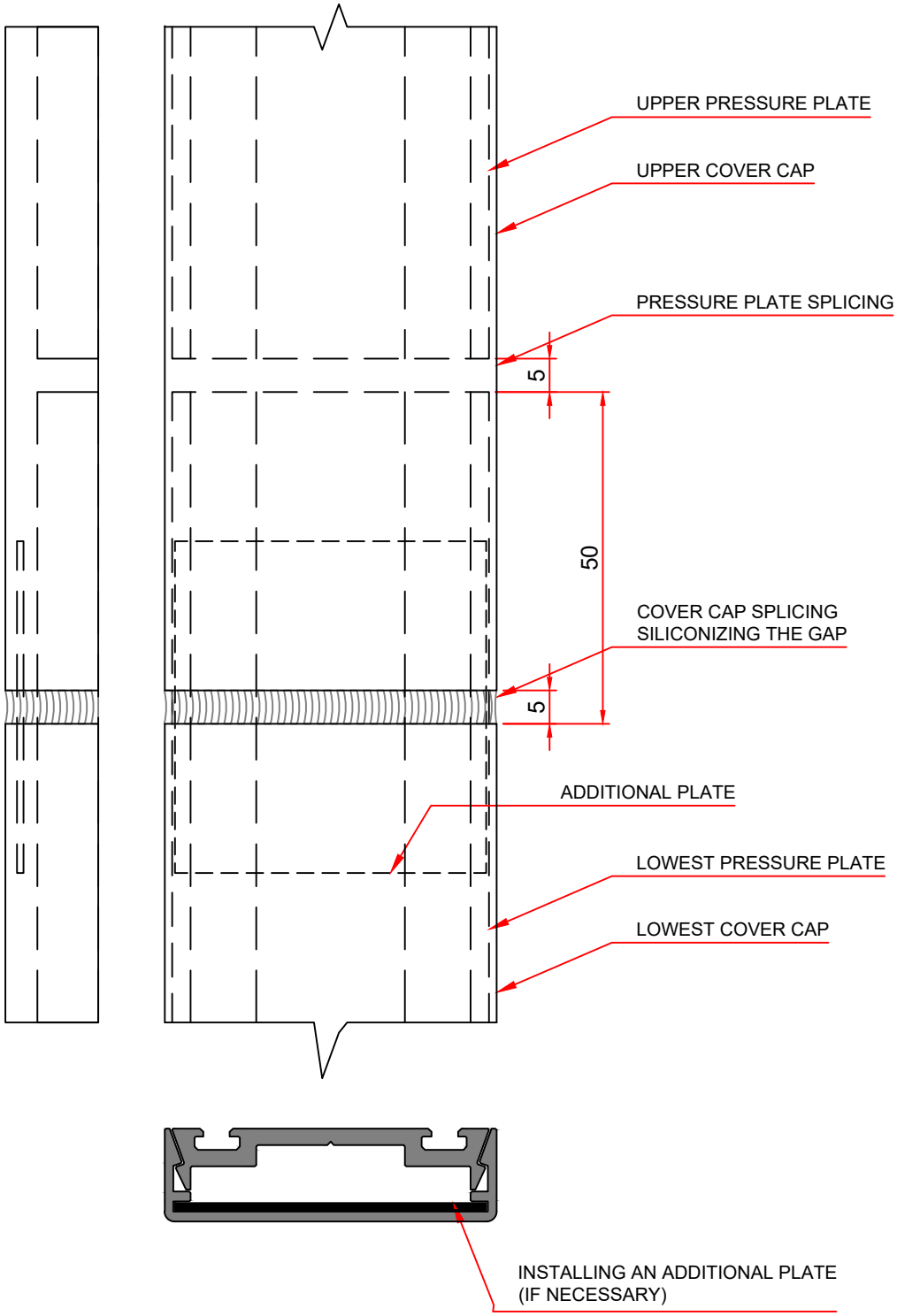


/TRANSOM PRESSURE PLATE AND COVER CAP INSTALLATION/



A 1,5 MM GAP TO THE TRANSOM COVER CAP SHOULD BE PROVIDED IN CASES OF THERMAL EXPANSION. THE 3 MM GAP TO THE PRESSURE PLATE IS IN ORDER TO PREVENT THE CONTACT WITH THE HORIZONTAL EPDM GASKET.
THE LENGTH OF THE HORIZONTAL EPDM GASKET IS EQUAL TO THAT OF THE PRESSURE PLATE.

/COVER CAPS LONGITUDINAL CONNECTING/



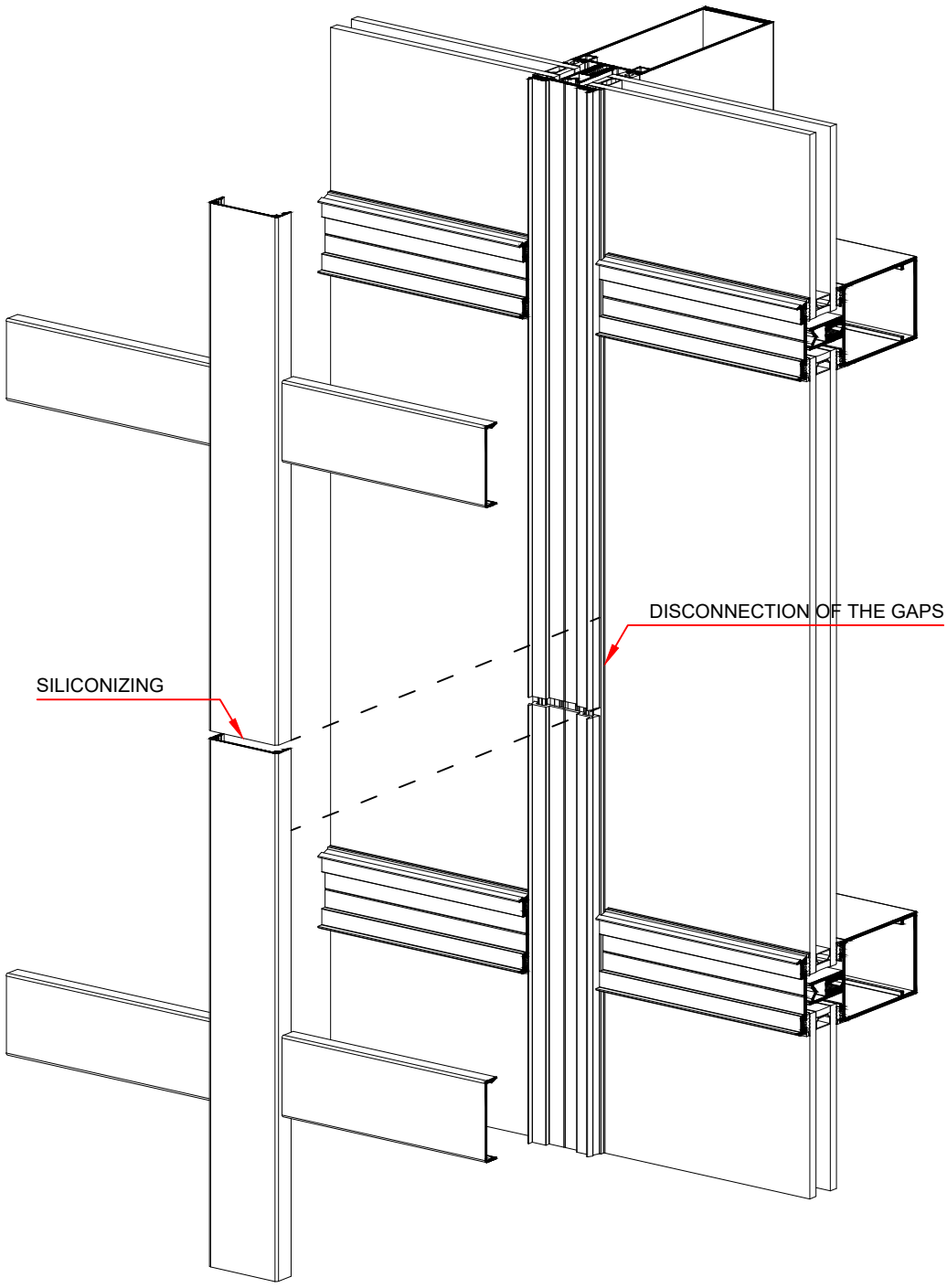
WHEN THERE IS A LONGITUDHIAL CONNECTION THE PRESSURE PLATE AND THE COVER CAP GAPS SHOULD NOT BE IN TOUCH WITH EACH OTHER. THE SIZE OF THE GAP SHOULD BE CHOSEN ACCORDING TO THE LENGTH OF THE MULLION(IT IS POSSIBLE TO BE MORE THAT 5 MM). THE VERTICAL EPDM GASKET IS UNDIVIDED.

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

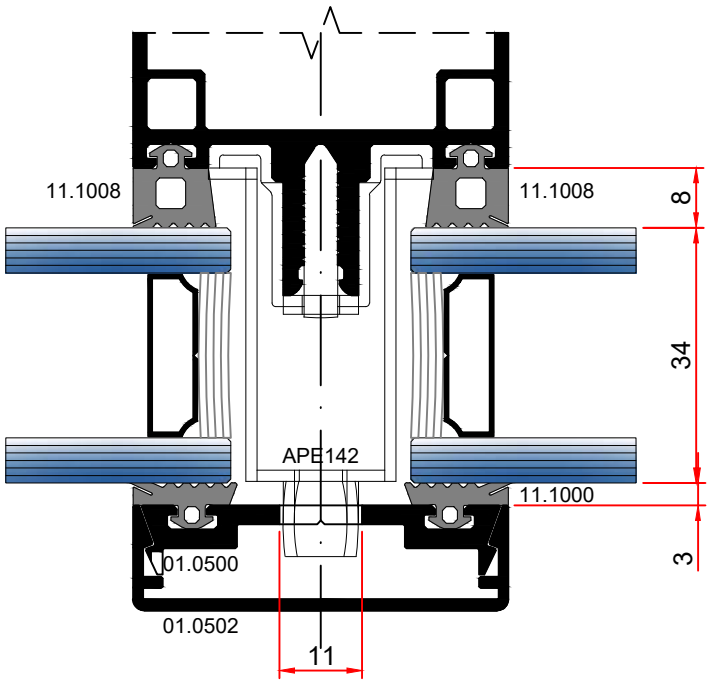
/COVER CAPS LONGITUDINAL CONNECTING/

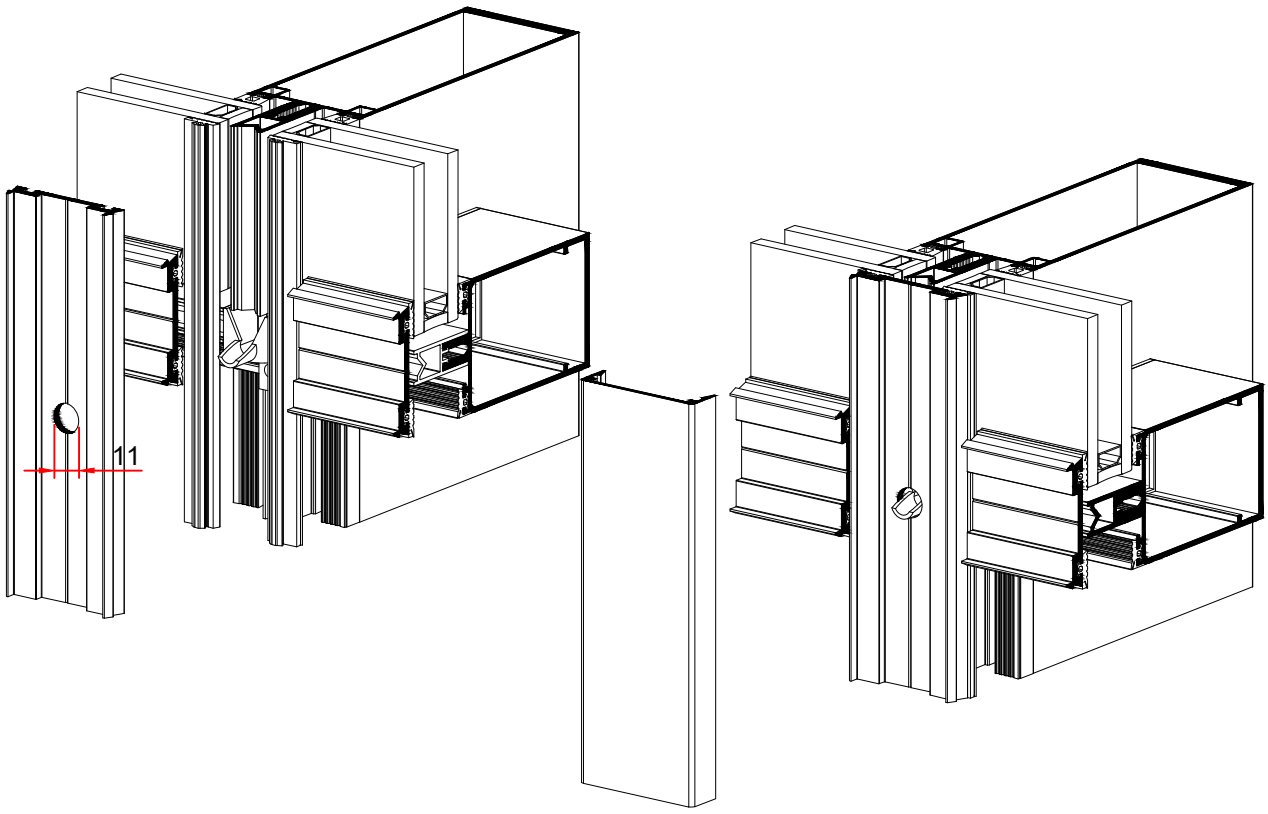
THE DISCONNECTION OF THE SPLICING GAPS SHOULD BE DECIDED DURING THE PROCESS OF CONSTRUCTION.THE LONGITUDIAL CONNECTION SHOULD NOT BE IN THE AREA OF DISCONNECTION OF THE GAPS.



/MACHINING IN THE LOWER EDGE OF THE PRESSURE PLATE/

DRILLING A HOLE IN THE PRESSURE PLATE IN FRONT OF THE DRAINAGE PROFILE IN ORDER TO CARRY THE CONDENSING MOISTURE OUT OF THE CURTAIN WALL. THE DIAMETER OF THE HOLE IS MIN 11 MM. THE COVER CAP STAYS NOT DRILLED.

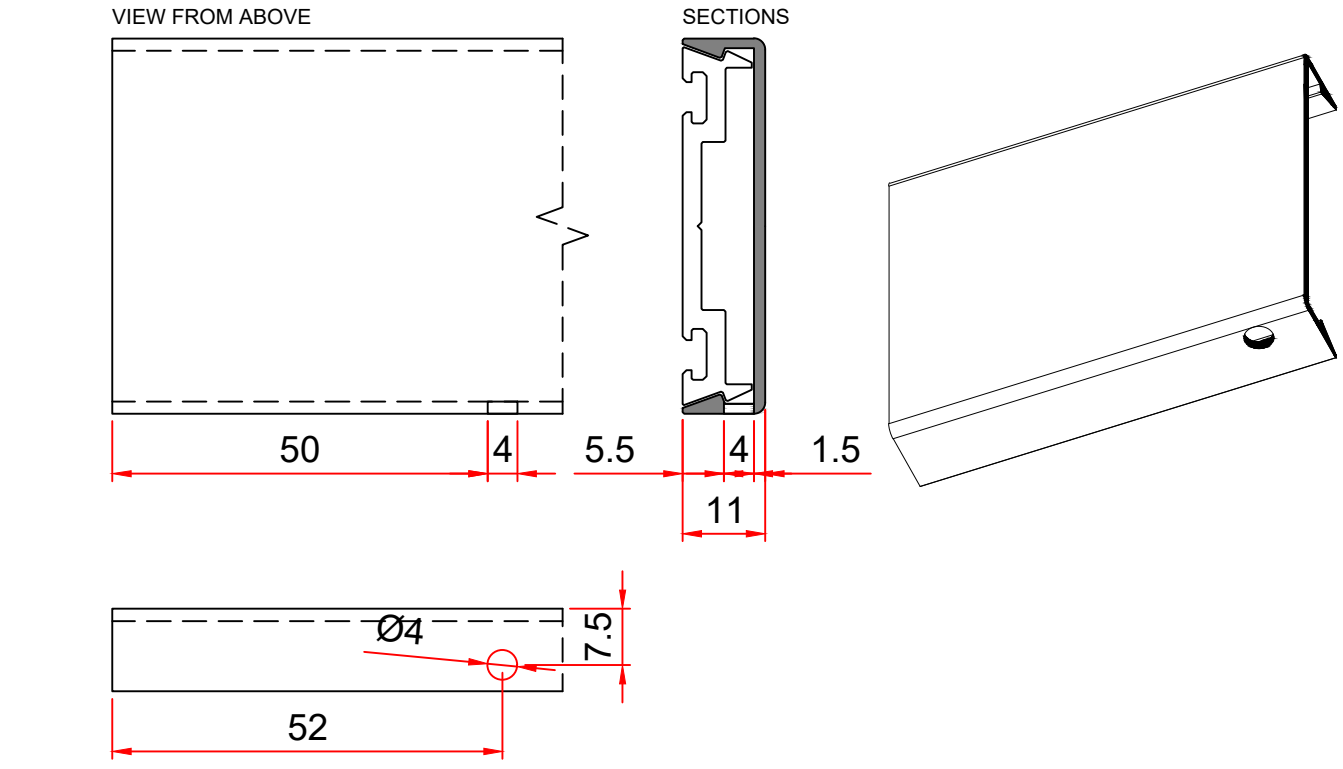


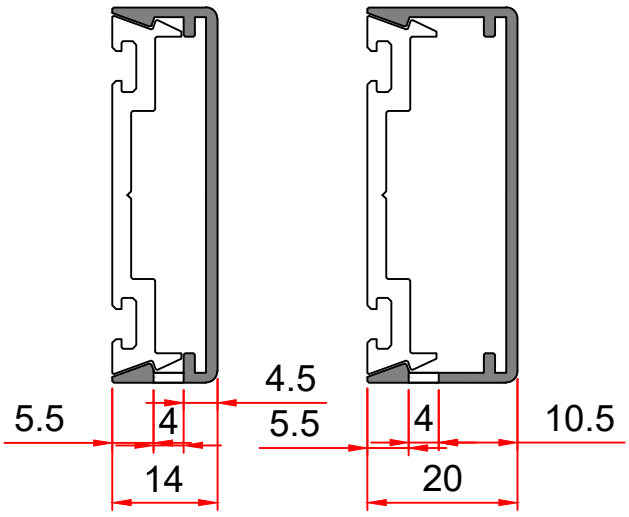


SCALE 1:1

/MACHINING IN THE TRANSOM COVER CAP/

DRILLING HOLES IN THE LOWER SIDE OF THE TRANSOM'S COVER CAP (FOR ALL SIZES).
THE DIAMETER OF THE HOLE IS 4 MM AND IT IS DRILLED IN BOTH OF THE SIDES .



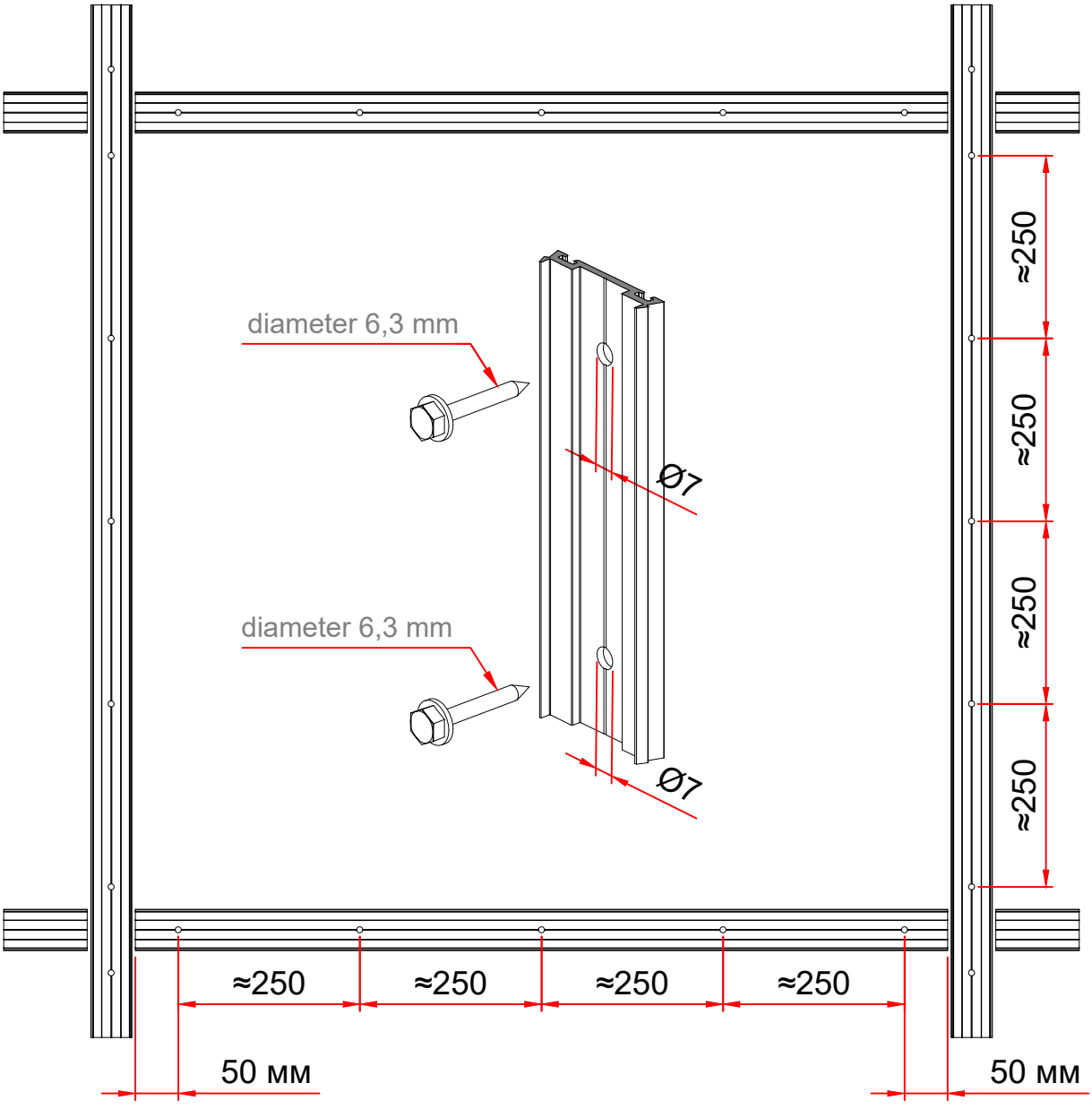


CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/FASTENING THE PRESSURE PLATE/

THE DIAMETER OF THE SCREWS USED TO FIX THE PRESSURE PLATE IS ALWAYS 6,3MM. THEY ARE RECOMMENDED TO BE WITH HEXAGONAL HEADS. SCREWS LENGTH DEPENDS ON THE WIDTH OF THE EPDM GASKETS AND THE GLAZING USED. THE HOLES DIAMETER IS 7MM AND THEY ARE MADE IN ADVANCE. THE FASTENING POINTS ARE SHOWN ON THE SCHEME BELOW.



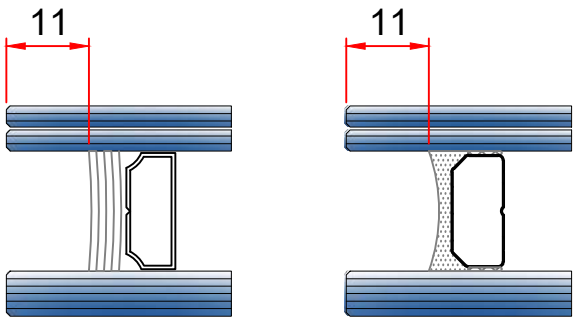
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

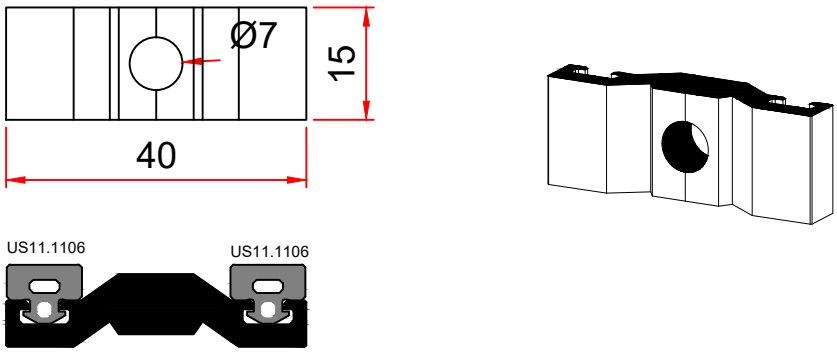
/STRUCTURAL GLASS FACADE FIXING/FASTENING/INSTALLATION/

GLAZING /OPTION 1/

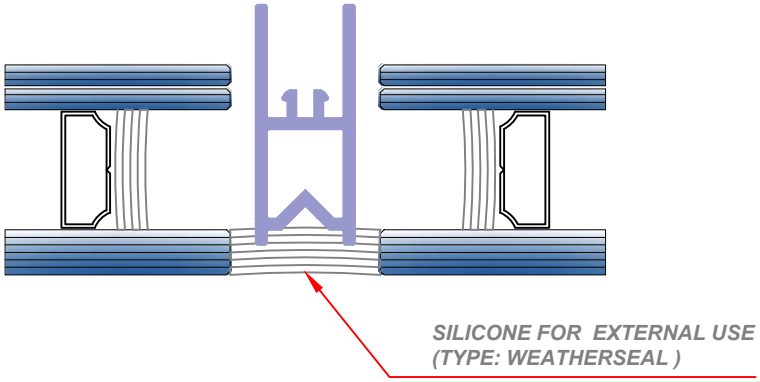
WHEN CONSTRUCTING THE GLAZING,THE BEAD (NO MATTER ITS TYPE) HAS TO BE PUT INWARDS SO AFTER SILICONIZING (OR APPLYING ANY OTHER TYPE OF CAPSULATION) THERE REMAINS ENOUGH SPACE FOR PLACING THE PRESSURE PLATE.
THE INSIDE GLASS OF THE GLAZING MUST HAVE A MULTI-LAYERED STRUCTURE (TRIPLEX).



CUT 15 мм LONG PLATES FROM PROFILE 01.0640 AND THEN DRILL A HOLE Ø7 мм.
AFTER THAT PUT AN EPDM GASKET 11.1106



A SPECIAL KIND (CERTIFIED BY THE PRODUCER) OF SILICONE IS REQUIRED, SO THAT IT IS APPROPRIATE TO BE USED ACCORDING TO THE WEATHER CONDITIONS IN THE EXACT AREA.



SCALE 1:1

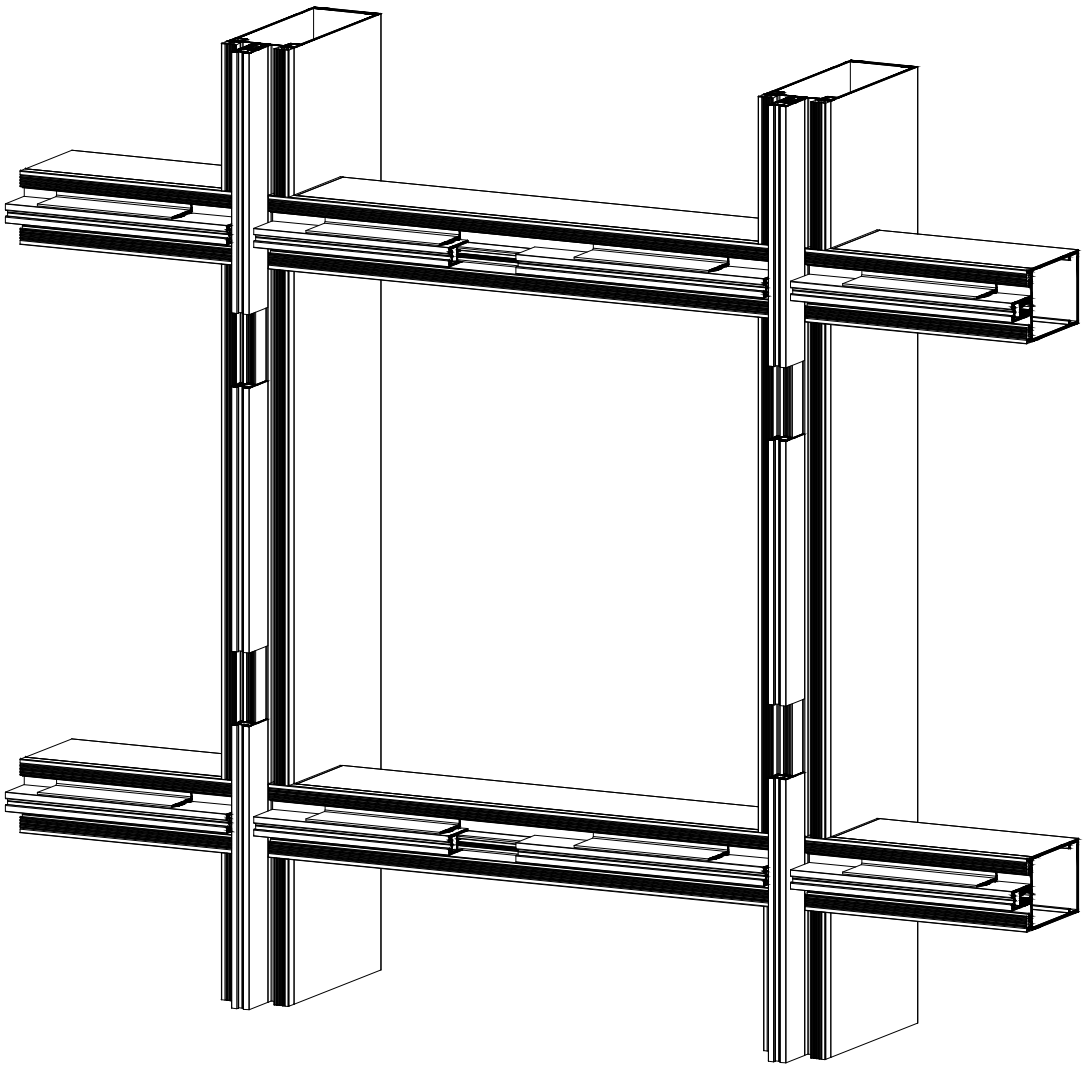
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/STRUCTURAL GLASS FACADE FIXING/FASTENING/INSTALLATION/

GLAZING /OPTION 1/

FOLLOW THE INSTRUCTION FOR THE DISTANCE BETWEEN PRESSURE PLATES WHEN INSTALLING THE GLAZING ON THE LOAD-BEARING CONSTRUCTION, THE THERMAL INSULATION SPACER SHOULD BE CUT IN THE PLACES OF THE PLATES.



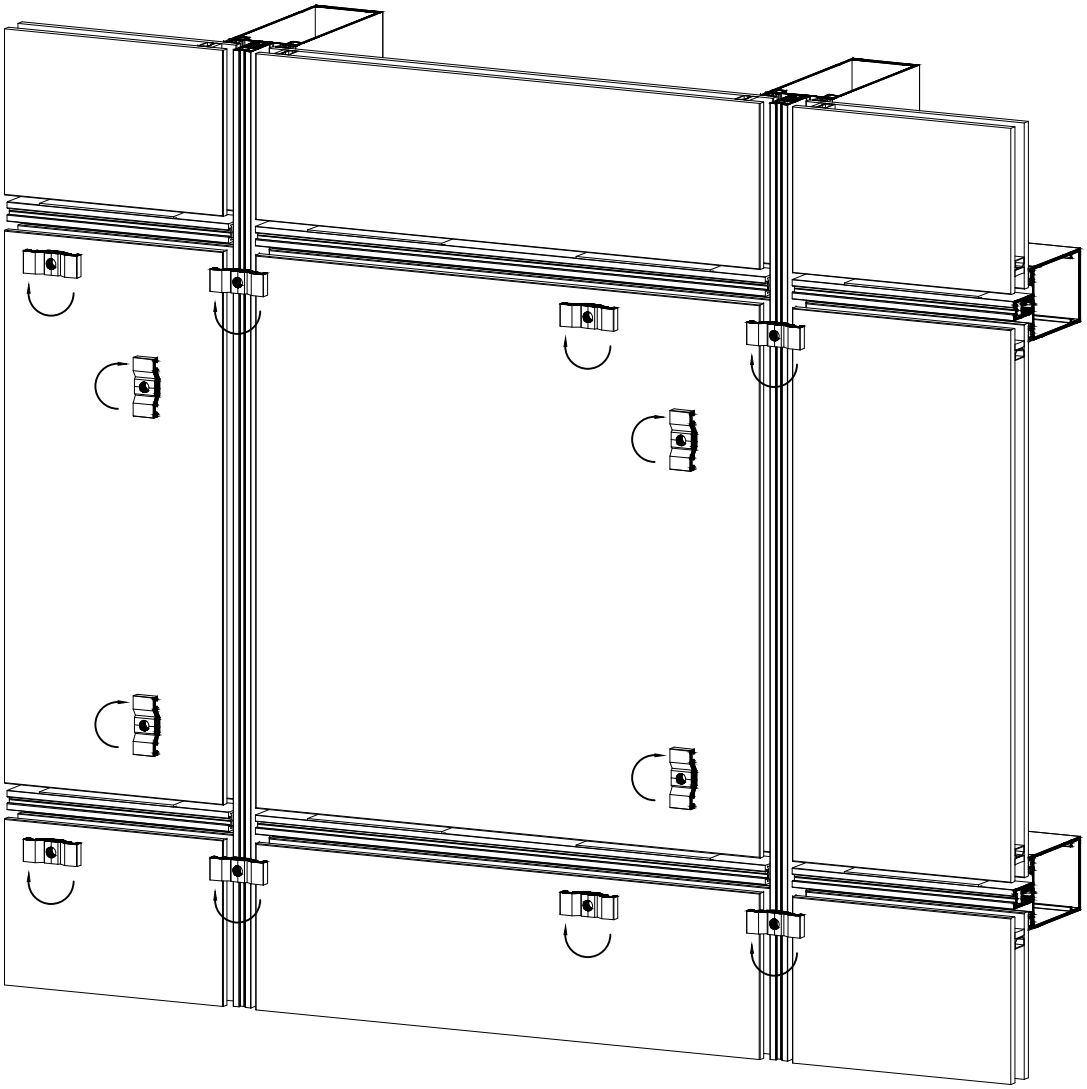
CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/STRUCTURAL GLASS FACADE FIXING/FASTENING/INSTALLATION/

GLAZING /OPTION 1/

FASTENING POINTS ARE SHOWN ON THE SCHEME BELOW.



THE SCREWS FOR THE PRESSURE PLATES ARE 6,3 x 25.

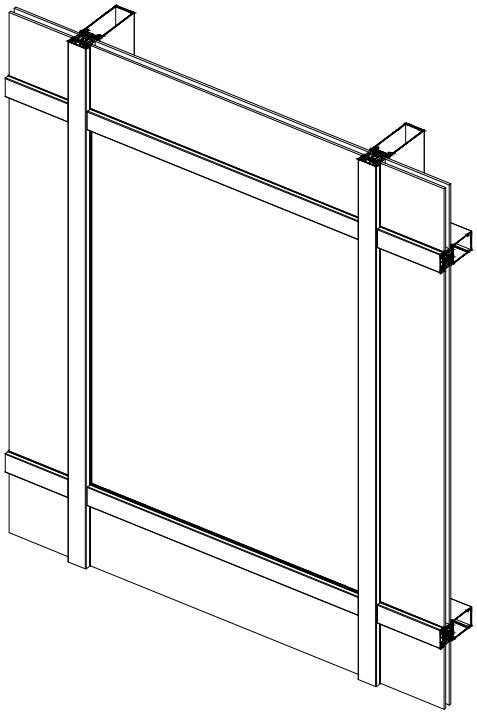
CW 50
Curtain Wall system

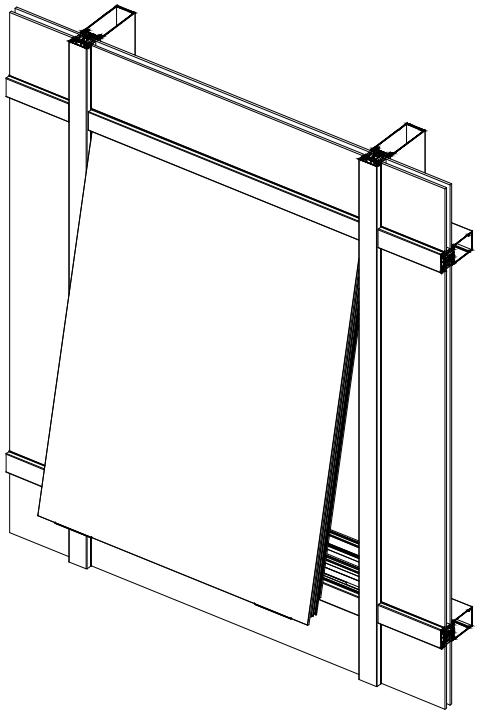
ALTEST®
ALUMINIUM PROFILES SYSTEM

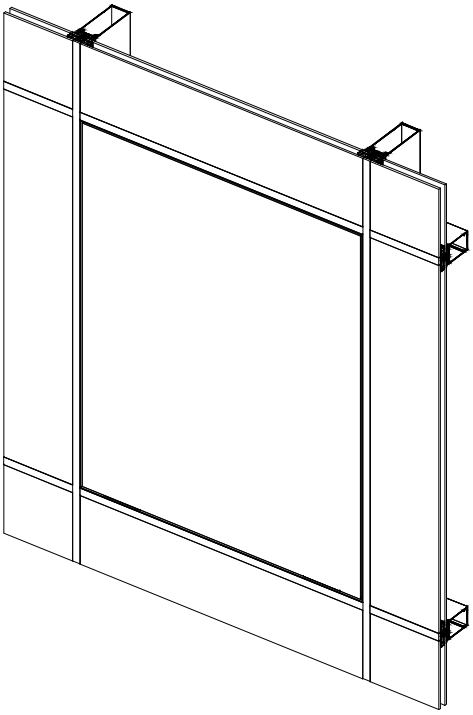
/OUTWARDS PROJECTING WINDOW /

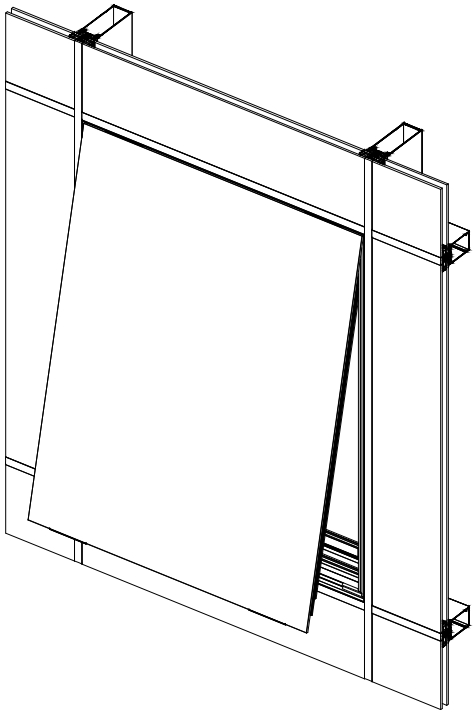
FOR THE OPENING PARTS IS USED AN OUTWARDS PROJECTING WINDOW TYPE, THEY OPEN OUTWARDS HOLDING ON THE UPPER HORIZONTAL AXIS.
THE EXTERNAL GLASS OF THE OUTWARDS PROJECTING WINDOW IS AT THE SAME LEVEL WITH THE EXTERNAL GLASSES OF THE OTHER FACADE GLAZINGS. SO WHEN IT IS CLOSED IT DOES NOT CHANGE THE FACADE LOOK.(UNLIKE THE OPENING PARTS MADE BY WINDOW SASHES).

OUTWARDS PROJECTING WINDOW FOR STRUCTURAL GLAZING



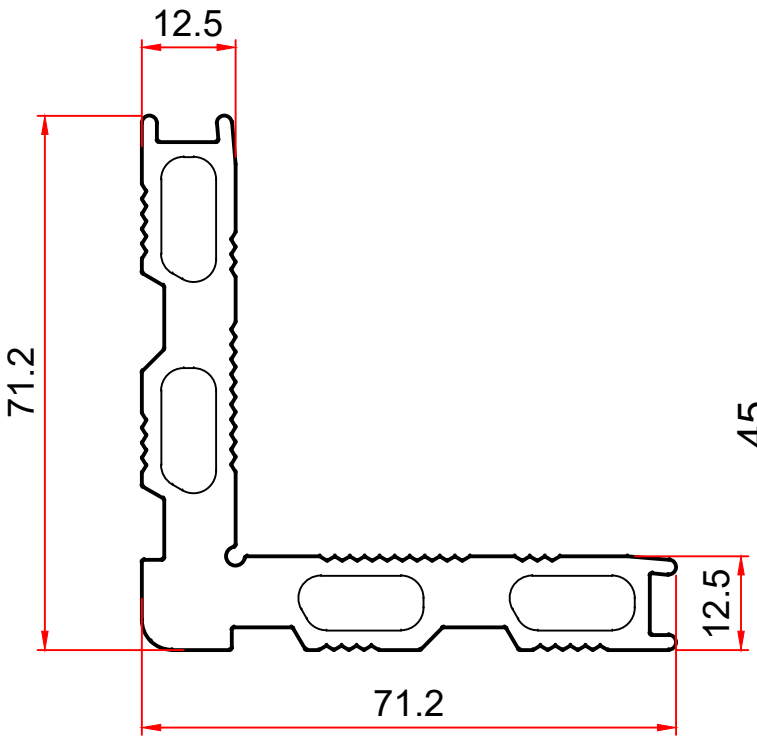




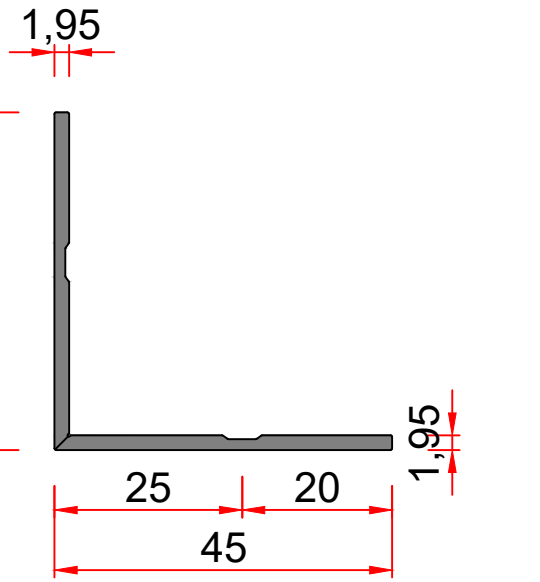


/OUTWARDS PROJECTING WINDOW /

JOINT CORNER BRACKETS FOR OUTWARDS PROJECTING WINDOW (FOR A PUNCHING MACHINE)

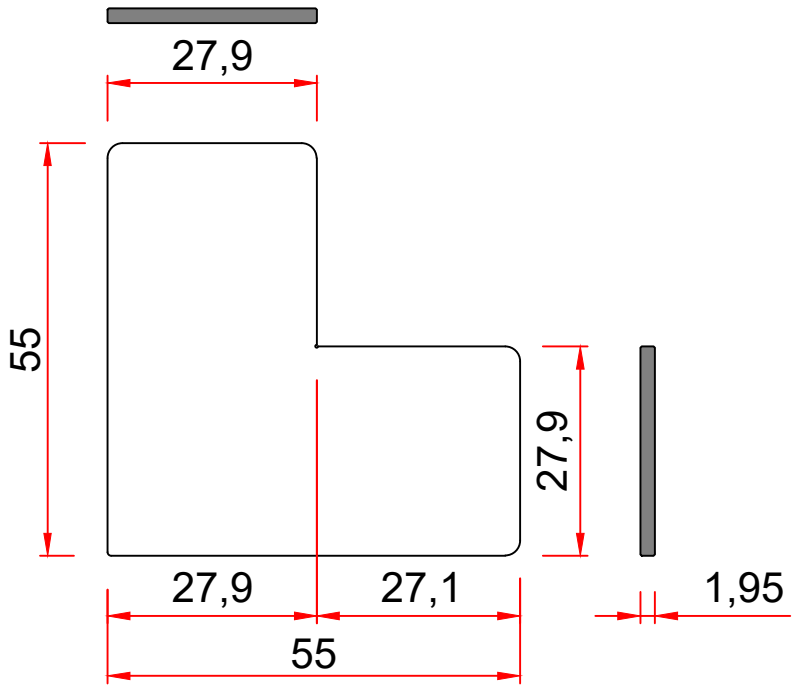


CW0111/for profile 01.0601/
CW0110/for profile 01.0602/



CW0121/for profile 01.0601/
CW0120/for profile 01.0602/

APE 710 /for profile 01.0601/



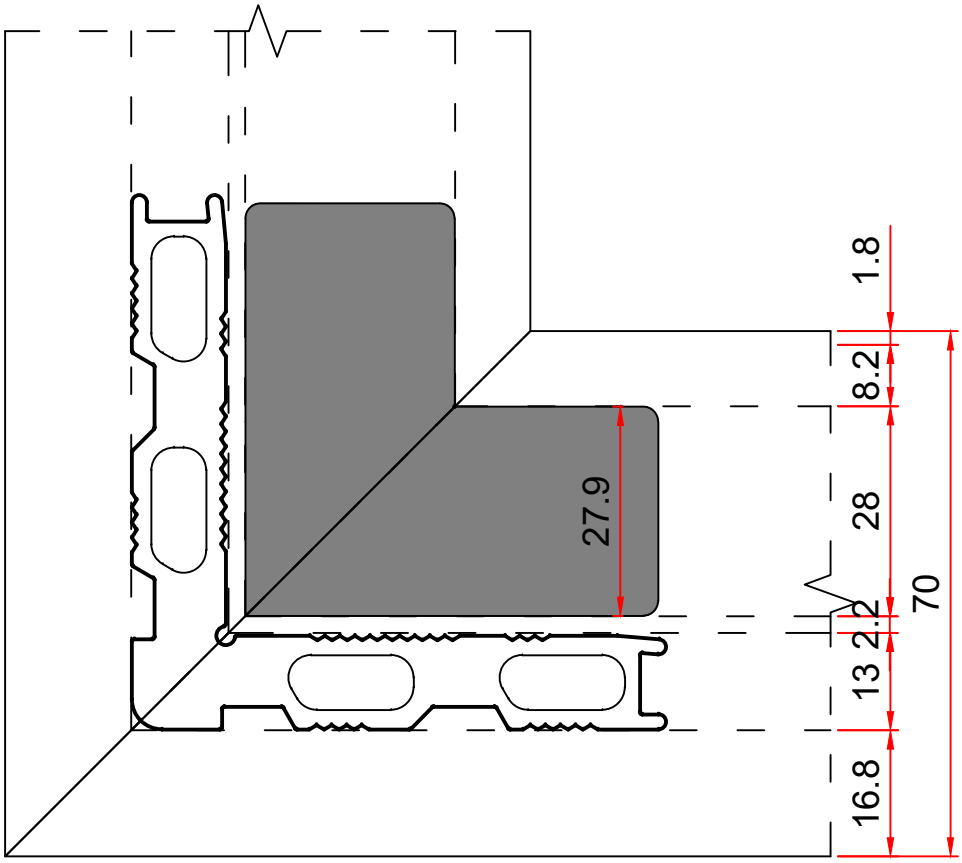
SCALE 1:1

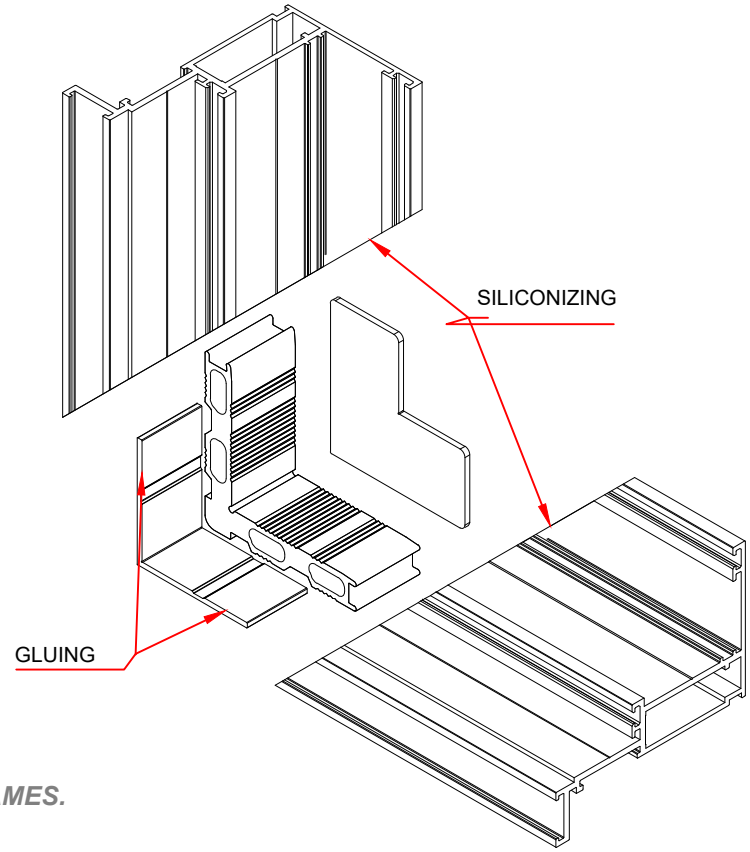
CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

/OUTWARDS PROJECTING WINDOW /

PLACING THE JOINT CORNER BRACKETS INTO THE FRAME OF THE OUTWARDS PROJECTING WINDOW





SIZES OF THE JOINT CORNER GASKETS FOR FRAMES.

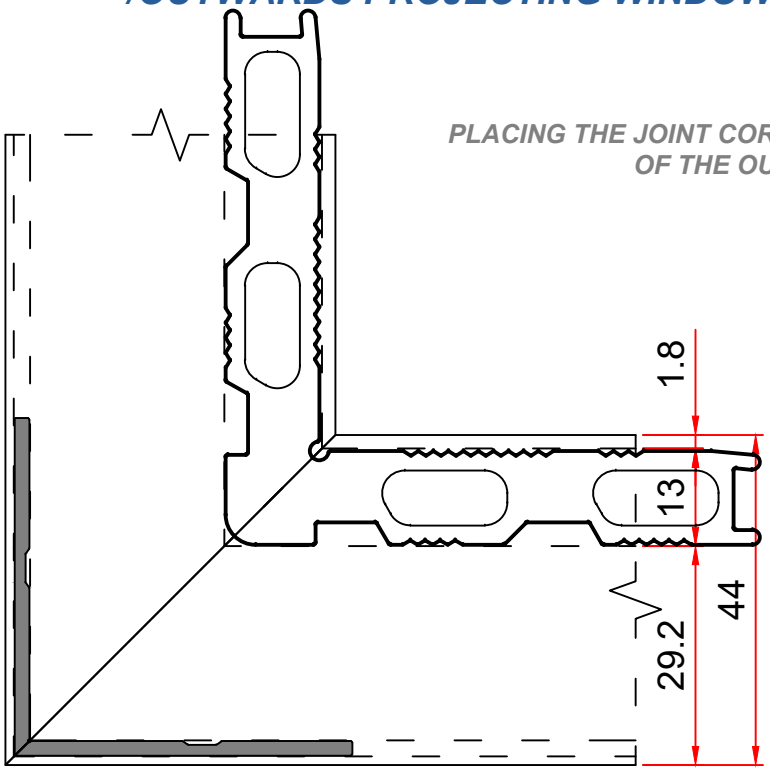
SCALE 1:1

CW 50
Curtain Wall system

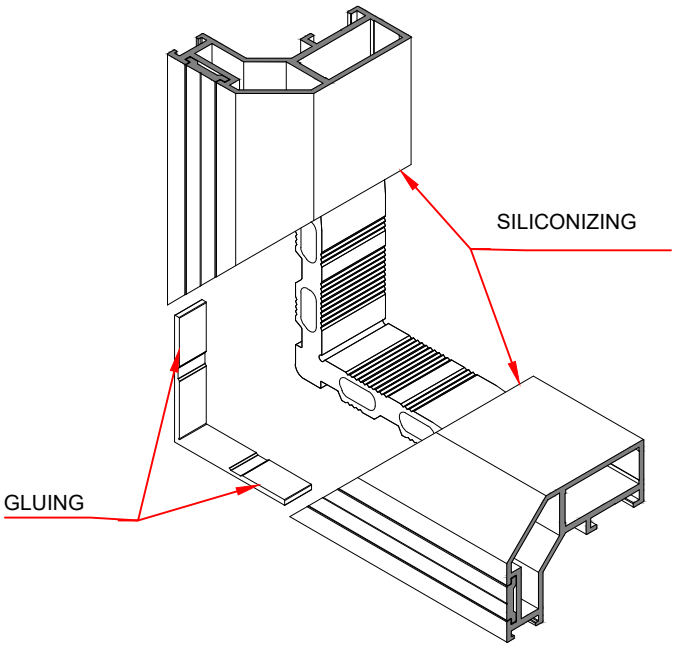
ALTEST® ALUMINIUM PROFILES SYSTEM

/OUTWARDS PROJECTING WINDOW /

PLACING THE JOINT CORNER BRACKETS INTO THE SASH OF THE OUTWARDS PROJECTING WINDOW



SASH JOINT CORNER BRACKETS SIZES



SIZES OF THE JOINT CORNER GASKETS FOR SASHES.

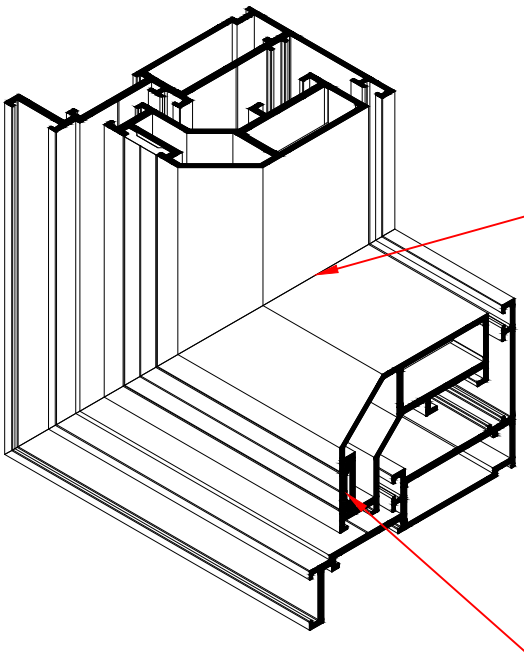
SCALE 1:1

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/OUTWARDS PROJECTING WINDOW /

BEFORE THE PUNCHING, COAT WITH GLUE BOTH THE FRAME AND SASH SURFACES.
ON THE CORNER JOINT COAT WITH SILICONE. AFTER THE PUNCHING CLEAN THE SPOTS OF GLUE AND SILICONE OUTSIDE THE ASSEMBLED FRAME.



CLEANING THE CORNER
FROM SILICONE AND GLUE
AFTER THE PUNCHING

PROFILE 01.0603 IS PLACED BEFORE THE PUNCHING.
IT MUST BE ANODIZED AND NO POWDER-COATED.
IT IS USED FOR STRUCTURAL FIXING OF
THE GLAZING TO THE SASH.
IT MAY BE MECHANICALLY FIXED TO THE SASH.

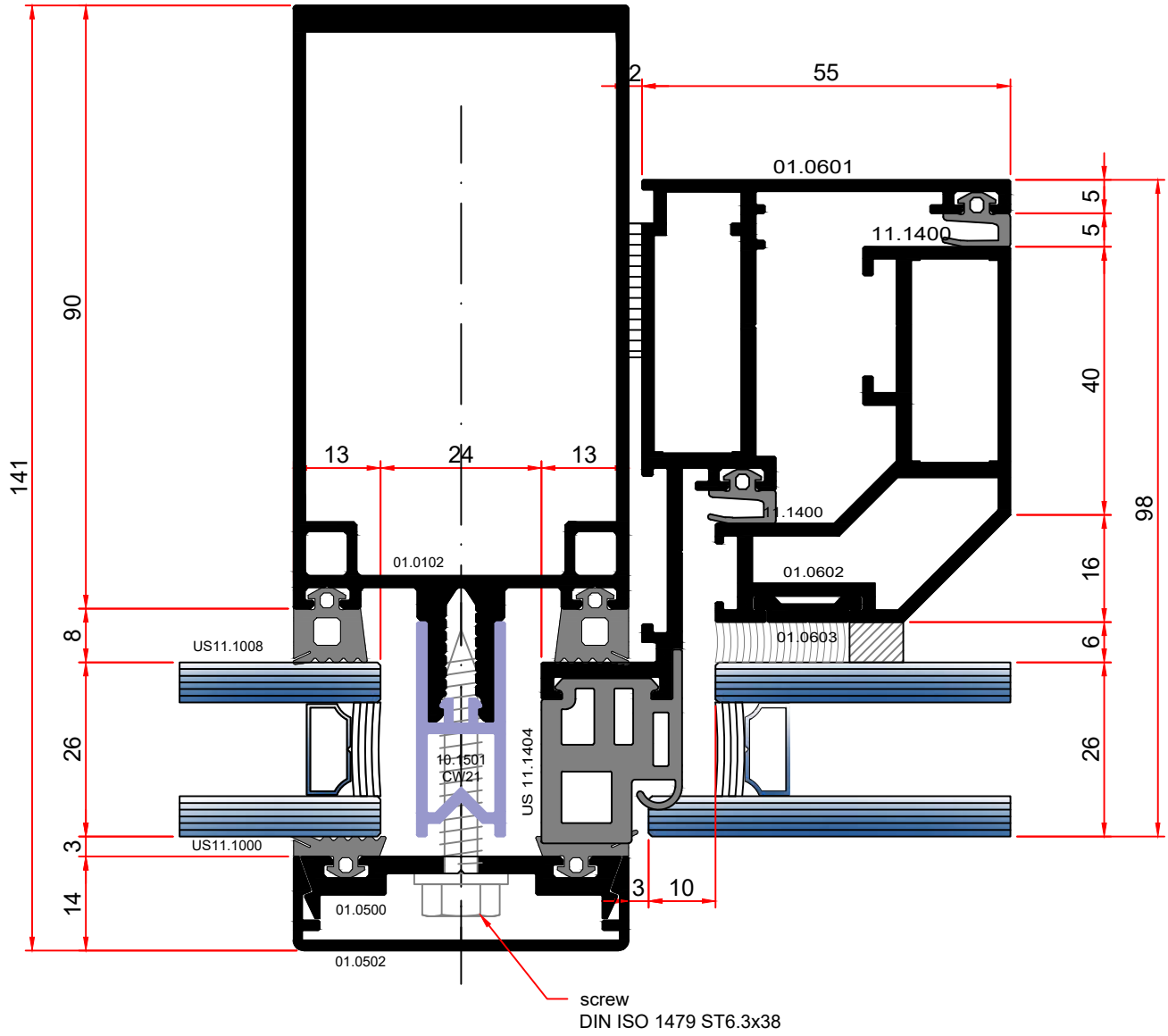
THE "STRUCTURAL" GLUING MUST BE MADE WITH SILICONE OR POLYURETHANE RECOMMENDED BY THE PRODUCER. BEFORE GLUING, THE SURFACE OF THE PROFILE 01.0603 MUST BE CLEANED. BEFORE LAYING THE SILICONE OR POLYURETHANE , THE GLAZING MUST BE FIXED TO THE FRAME OF THE SASH BY SIDED STICKY LABEL 6 мм (LABEL TYPE:NOROTON).

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

/COVER CAP FOR OUTWARDS PROJECTING WINDOW/

SECTIONS



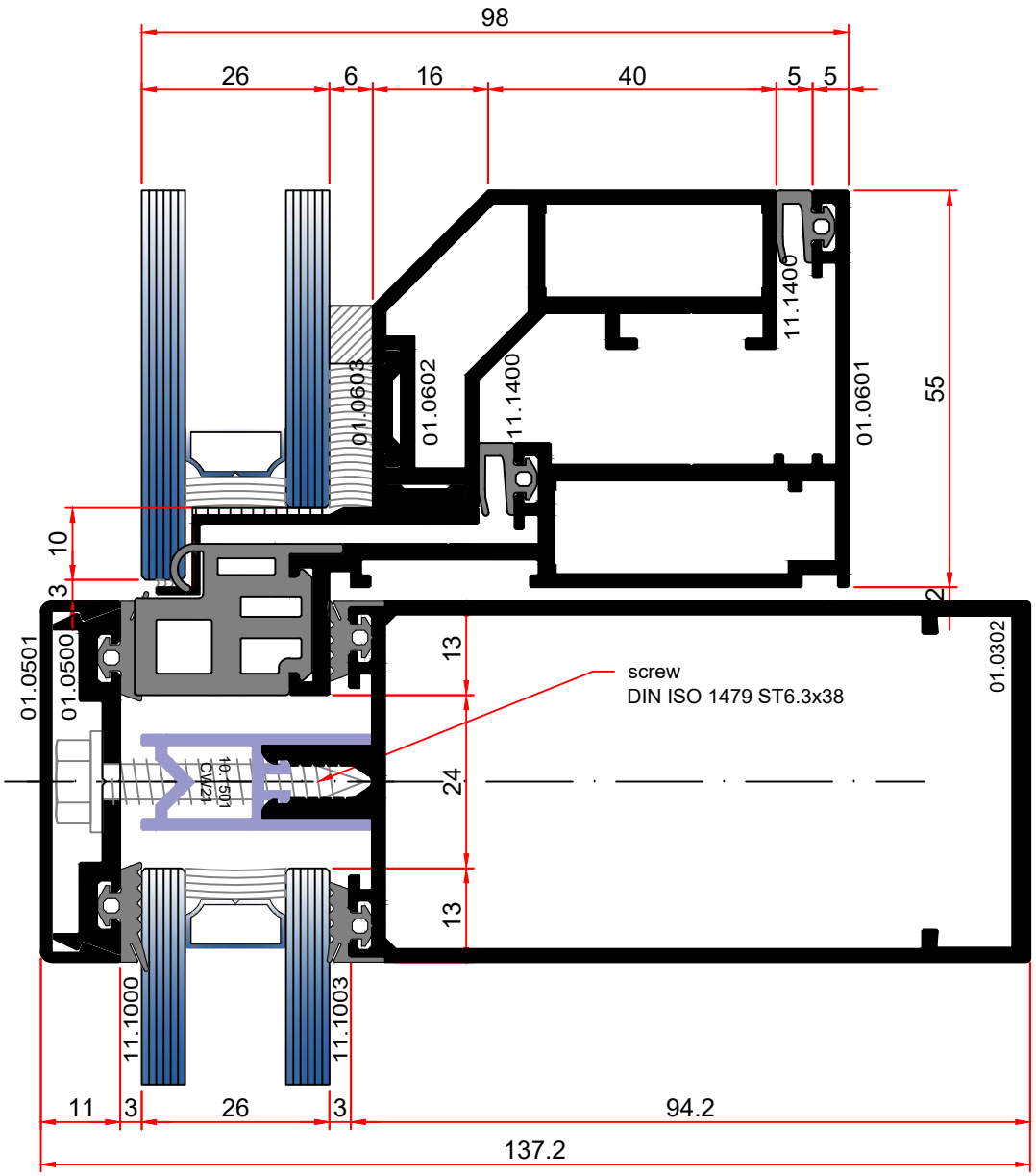
SCALE 1:1

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

/COVER CAP FOR OUTWARDS PROJECTING WINDOW/

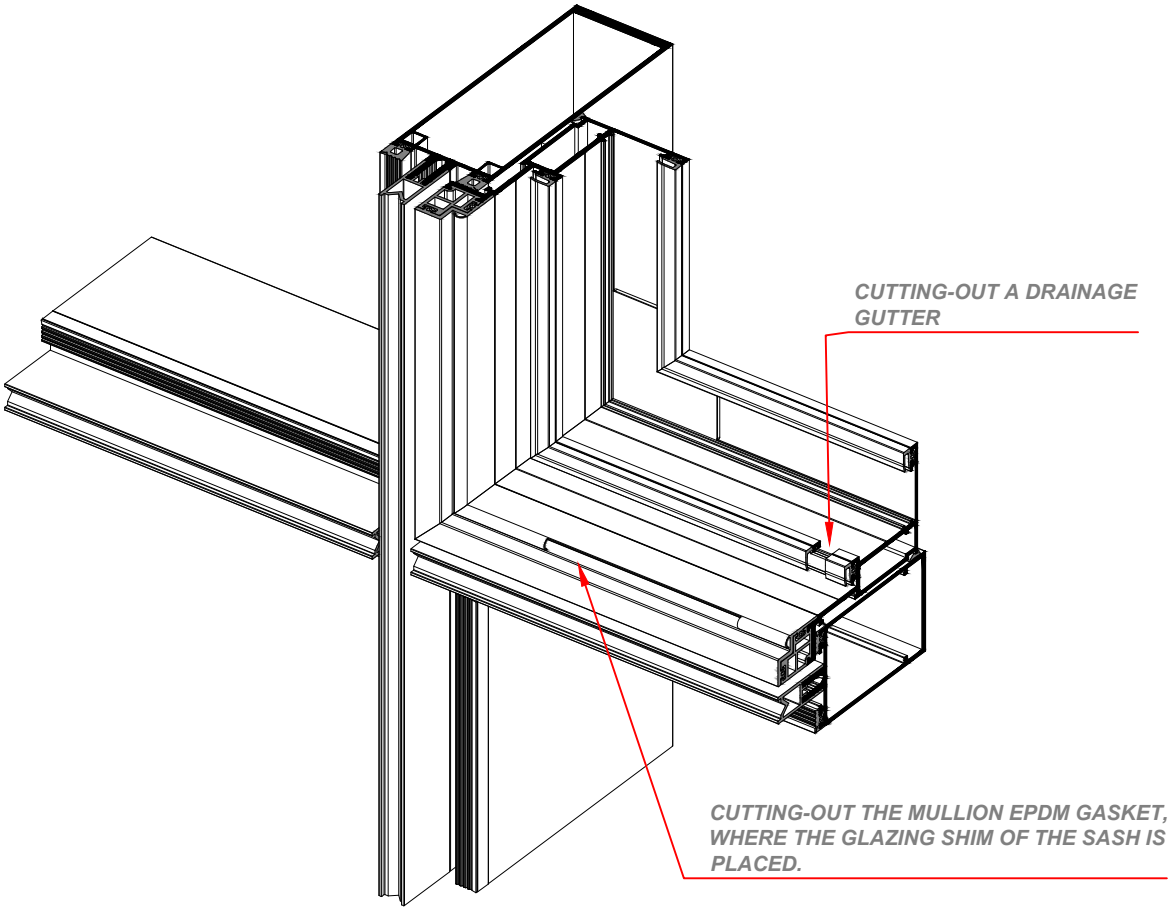
SECTIONS



SCALE 1:1

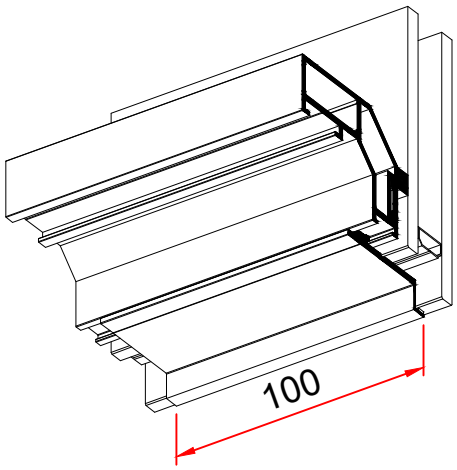
/COVER CAP FOR OUTWARDS PROJECTING WINDOW/
OUTWARDS PROJECTING WINDOW FRAME MACHINING

EPDM GASKETS ARE SET ON THE TEMPORARY PIECES TOO. THEY ARE CAREFULLY ATTACHED TO THE CONSTRUCTION. IT IS REQUIRED NOT TO PRESS THE GLAZING TOO HARD IN ORDER NOT TO BREAK IT.



OUTWARDS PROJECTING WINDOW SASH MACHINING

THE GLAZING SHIM IS A 100 мм LONG CUT FROM PROFILE 01.0604 .PUT IT IN THE LOWER HORIZONTAL OF THE SASH, BEFORE INSTALLING THE SASH.
HEN IT IS FIXED BY GLUING OR USING SCREWS .



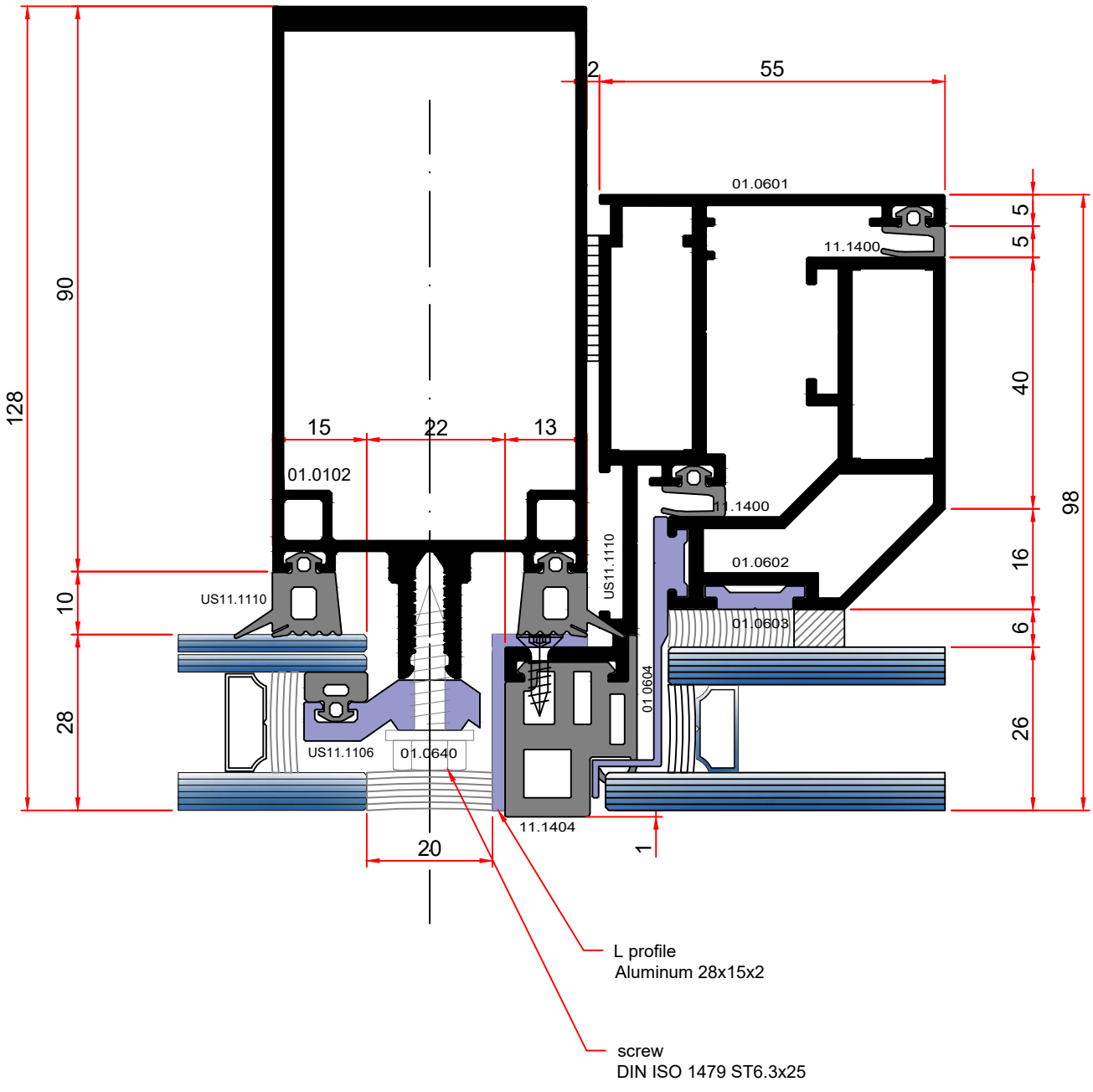
DO NOT DRILL DRAINAGE OR COMPRESSION RELEASE HOLES.

CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

/OUTWARDS PROJECTING WINDOW FOR STRUCTURAL GLASS FACADE FIXING/

SECTIONS

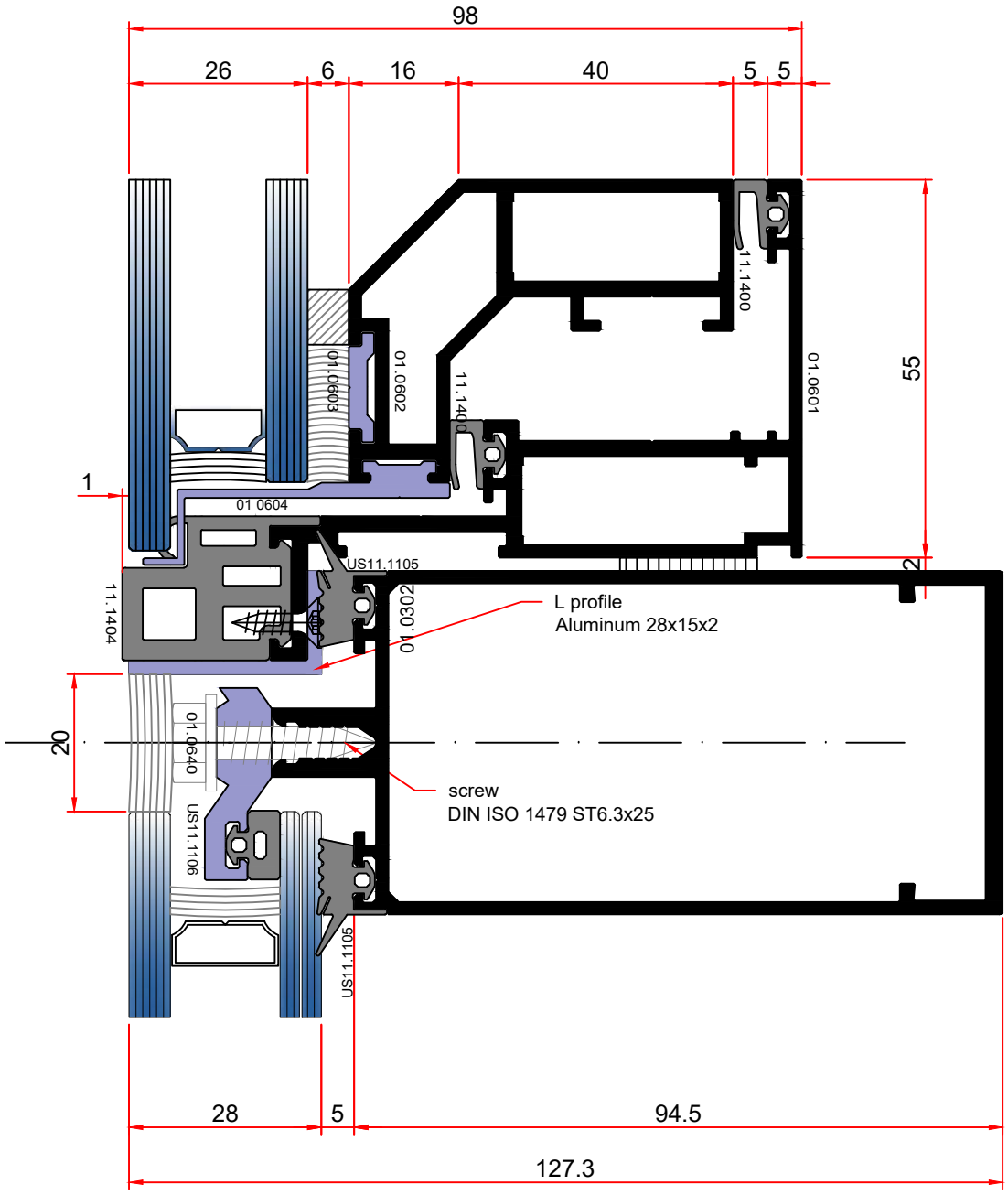


CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

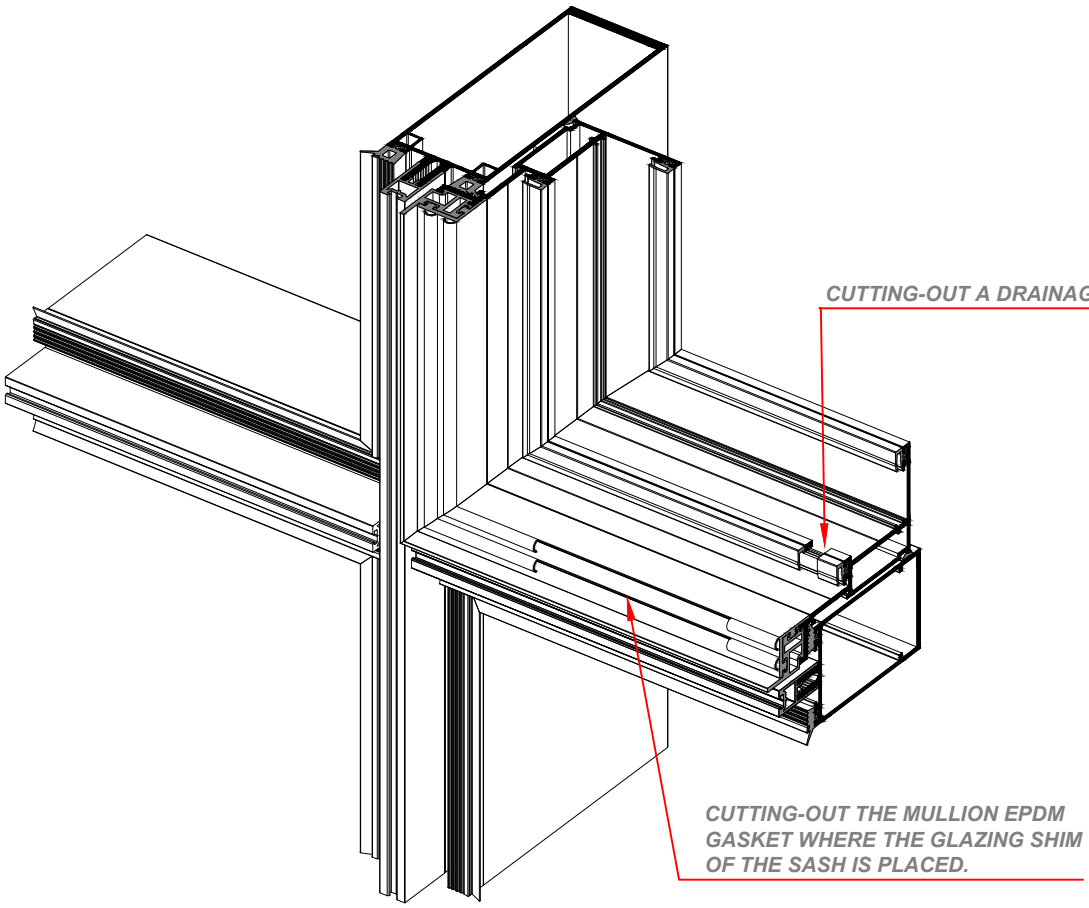
/OUTWARDS PROJECTING WINDOW FOR STRUCTURAL GLASS FACADE FIXING/

SECTIONS

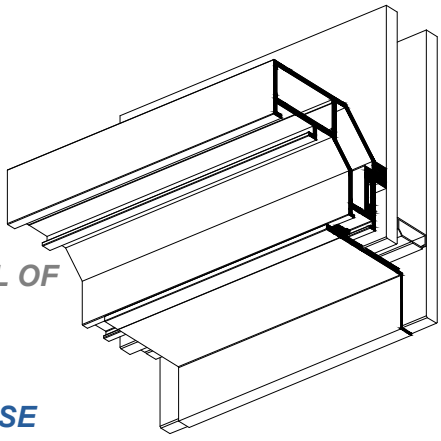


SCALE 1:1

/OUTWARDS PROJECTING WINDOW FOR STRUCTURAL GLASS FACADE FIXING/
OUTWARDS PROJECTING WINDOW FRAME MACHINING



OUTWARDS PROJECTING WINDOW SASH MACHINING



THE GLAZING SHIM IS A 100 мм LONG CUT FROM PROFILE 01.0605. PUT IT IN THE LOWER HORIZONTAL OF THE SASH, BEFORE INSTALLING THE SASH.
THEN IT IS FIXED BY GLUING OR USING SCREWS .

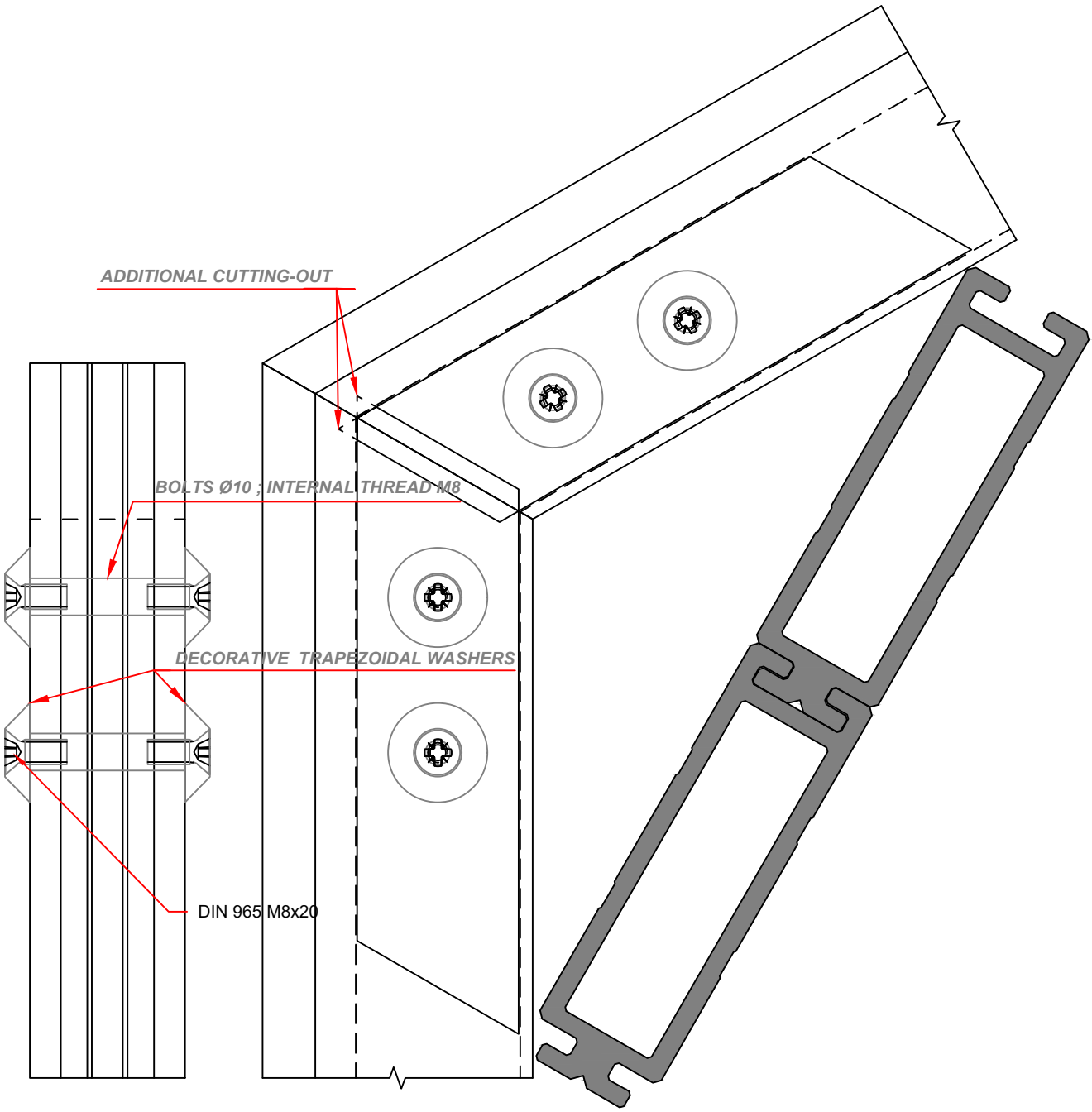
DO NOT DRILL DRAINAGE OR COMPRESSION RELEASE HOLES.

CW 50
Curtain Wall system

ALTEST®
ALUMINIUM PROFILES SYSTEM

/SHIFTING PLANES MULLION SPLICING/

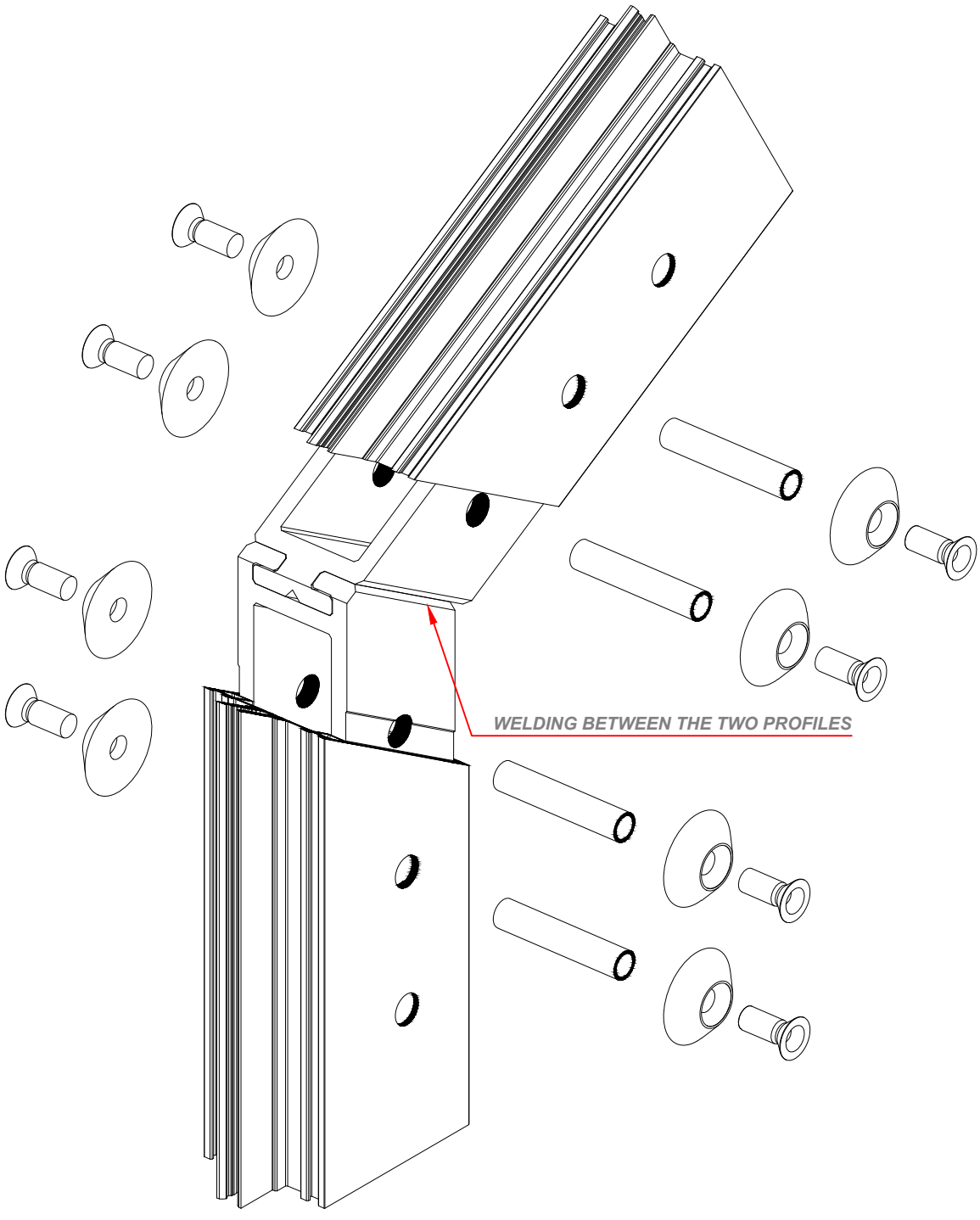
BOLTING PLACEMENT



THERE MUST BE AT LEAST TWO BOLTINGS IN A MULLION.
THEIR PLACEMENT DEPENDS ON THE PARTICULAR CASE. THEY HAVE TO BE EASY TO FIX AND MUST NOT BE AN OBSTACLE FOR OTHER ELEMENTS OF THE CONSTRUCTION .

SCALE 1:2

/SHIFTING PLANES MULLION SPLICING/

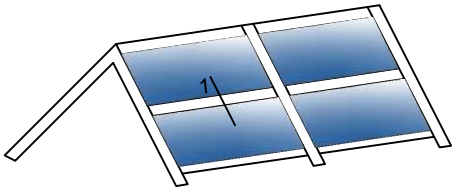


BEFORE PLACING THE MULLION CONNECTOR PROFILE,IT HAS TO BE SILICONIZED. IT PREVENTS THE INFILTRATION OF WATER AND CONDENSATE FROM THE CHANNELS INTO THE CHAMBERS OF THE MULLIONS.
THE MULLION CONNECTORS MUST BE WELDED TO EACH OTHER IN ADVANCE.

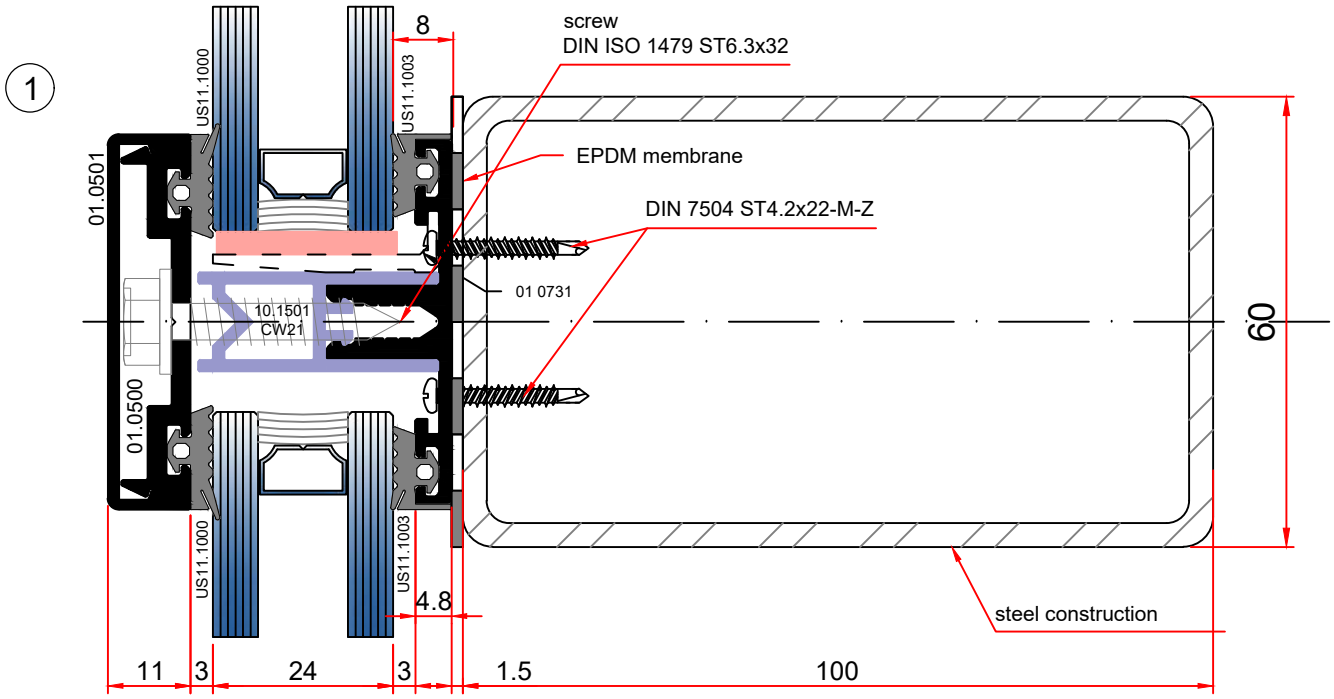
CW 50
Curtain Wall system

ALTEST® ALUMINIUM PROFILES SYSTEM

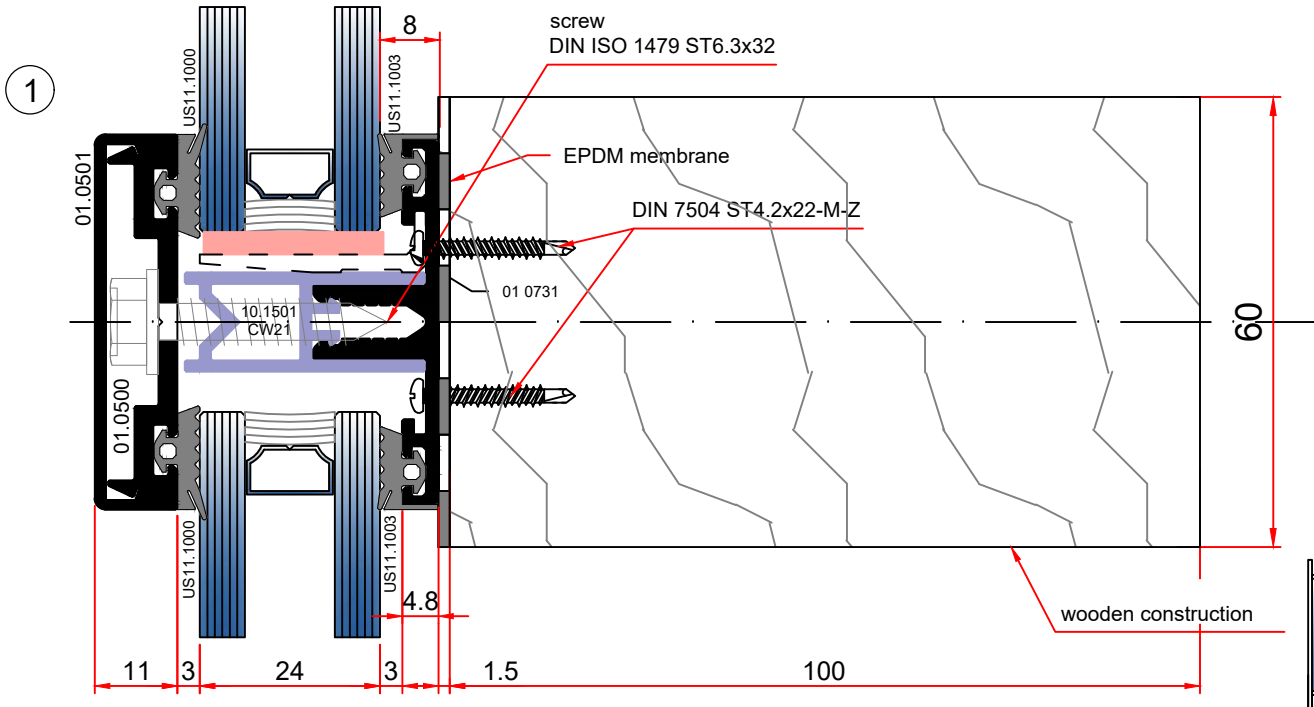
Transom for application

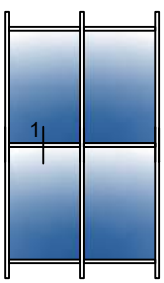


-OPTION steel construction



-OPTION wooden construction





THIS TECHNICAL SOLUTION COULD BE USED FOR VERTICAL FACADE

SCALE 1:1

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