PRESS METAL

ACE

High Performance

Architectural Systems

WINDOWS

DOORS

ACE HIGH PERFORMANCE SYSTEMS
WINDOWS AND DOORS

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Standard Finishes

Mill Finish

Natural aluminium finish off the Extrusion Press.

Natural Anodised Finish

Aluminium is a corrosion resistant metal due to a film of aluminium oxide which occurs naturally on its surface.

Anodising is an applied finish by an electro-chemical process that thickens the natural oxide film on the Aluminium and imparts to the metal surfaces the extreme hardness, corrosion and wear resistance of the oxide.

PMB's natural anodised finish conforms to BS EN12373-1 and is available in nominal film thickness of 10, 15, 20 and 25 microns.

Recommended film thickness is 10 microns and 25 microns for normals and corrosive atmospheric conditions respectively.

Coloured Anodised Finish

PMB Aluminium extrusions can be treated in durable inorganic colours to yield a finish which is permanent, lightfast, abrasion and corrosion resistant and unchanging in colour intensity. The finish available in bronze and black anodise.

In the colour process, inorganic metal particles are deposited electrolytically in the pores of a clear anodic film. Electrolytic deposition results in the colour particles being fixed at the very base of the pores, allowing virtually the full thickness of the anodic film to protect them.

The extrusion is sealed in boiling deionised water which closes off the pores in the anodic film and permanently seals in the colour particles.

PMB's aluminium is available in 4 colours - Light , Medium and Dark Bronze and Black anodise in nominal film thickness of 10, 15, 20 and 25 microns.

Recommended film thickness is 15 microns and 25 microns for normals and corrosive atmospheric conditions respectively.

Temper Designation

F	As fabricated i.e there is no special control over the temper of such material and it is normally in the as-extruded condition. No mechanical property limits are specified.
T1	Cooled from an elevated temperature shaping process and naturally aged to a substantially stable condition. condition.
T4	Solution heat-treated and naturally aged to a substantially stable condition. No artificial ageing required.
T5	Air cooled from the extrusion temperature and artificially aged to improve mechanical properties.
T6	Solution heat-treated and then artificially aged.

ALLOY AA 6063

Equivalent to BS H9

Description of Alloy

Alloy 6063 provides a goods combination of extrudability and mechanical properties. Its excellent extrudability allows thin-walled hollow shapes, intricate solids, and other shapes that are usually difficult to extrude with satisfactory finish, to be produced more easily.
It responds well to polishing, chemical brightening, anodising, and dyeing.

Charactheristics

Welding : Alloy 6063 is readily welded by the MIG and TIG processes. The recommended filler alloy, particularly when welding exposed surfaces that will be anodised for decorative purposes, is 5356. Alloy 4043 may be used in other cases.

Riverts : Alloy 6053 - T61

Machining : Readily machined in all tempers given.

Forming : All tempers my be formed, the softer tempers accepting more severe forming.

Corrosion : Excellent resistance to the atmosphere. Particularly suitable for anodising for architectural applications.

Temper Available[1]

Extruded Shaped - T1, T5, T6

Chemical Composition[2]

Alloy 6063 is a heat-treatable aluminium-magnesium-silicon alloy.

	% Weight		% Weight
Copper	0.10	Zinc	0.10
Iron	0.35	Chromium	0.10
Magnesium	0.45 - 0.95	Others, each	0.05
Manganese	0.10	Others, total	0.15
Silicon	0.20 - 0.60		
Titanium	0.10	Aluminium	Remainder

Mechanical Properties

Temper	Thickness (mm)	Ultimate Strength Min.	0.2% Proof Stress (MPa) Min.	Max	Elongation (%) Min.	Hardness (Vickers) Typical
T1	Up to 12.5	115	60	—	12	40
	12.50 — 5.00	110	55	—	12	
T5	Up to 12.5	150	110	—	8	60
	12.50 — 25.00	145	105	—	8	
T6✱	Up to 12.5	205	170	—	8	80
	3.20 — 25.00	205	170	—	10	

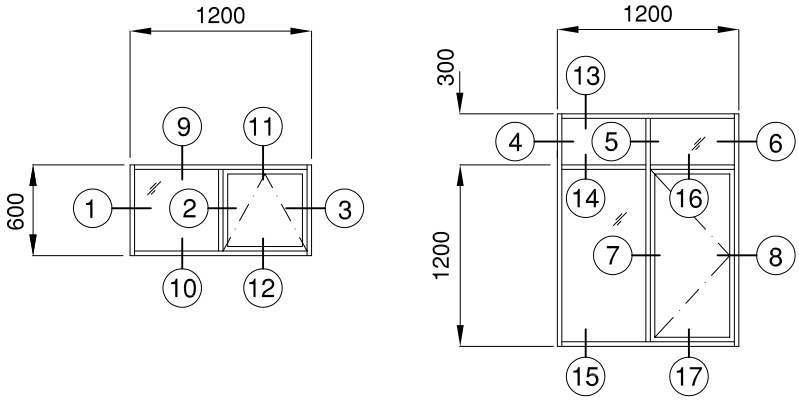
Physical Properties[3]

Density	2.71 g/cm ^{3}
Melting Range	6.15 - 655 °C
Specific Heat between 0 - 100°C	879 J/kg.K
Coefficient of Linear Expansion between 20 - 100°C	23 X 10^{-6} /K
Thermal Conductivity at 25°C	202 W/m.K
Electrical Resistivity at 20°C	0.033 $\mu\Omega$m
Modulus of Elasticity	69 X 10^3 MPa

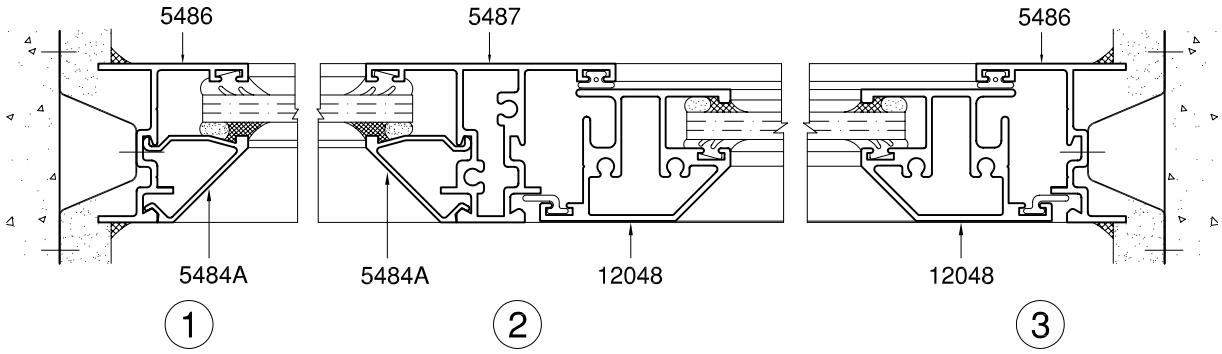
Notes:

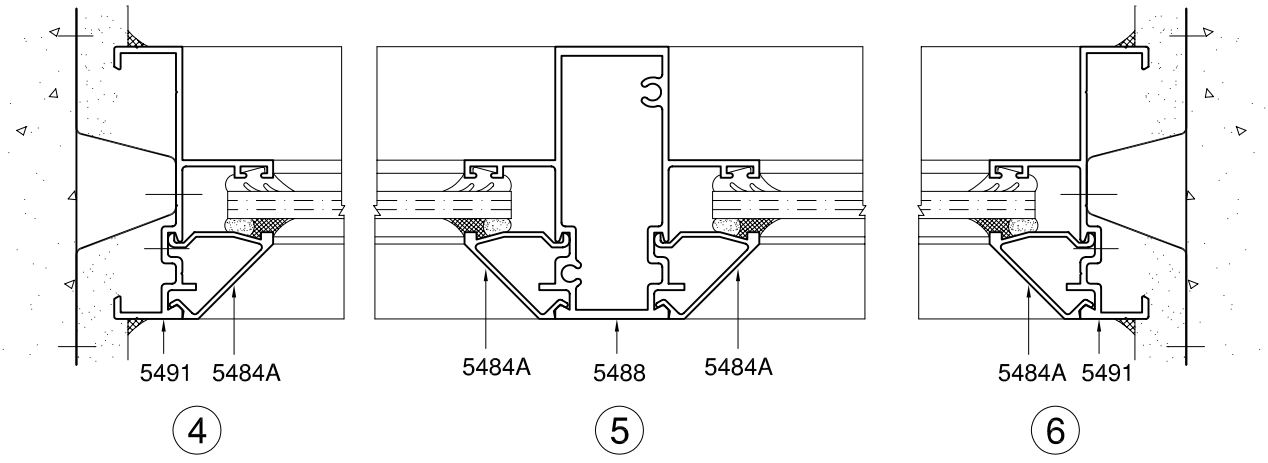
(1) These are the most common tempers, other may be available. For further information contact a PMB Sales Office
(2) Composition given in percent maximum unless shown as a range.
(3) The physical properties given are typical values.
✱(4) Only for structural mill finish application and simple/small ccd(max 120mm) sections - with equal wall thickness.

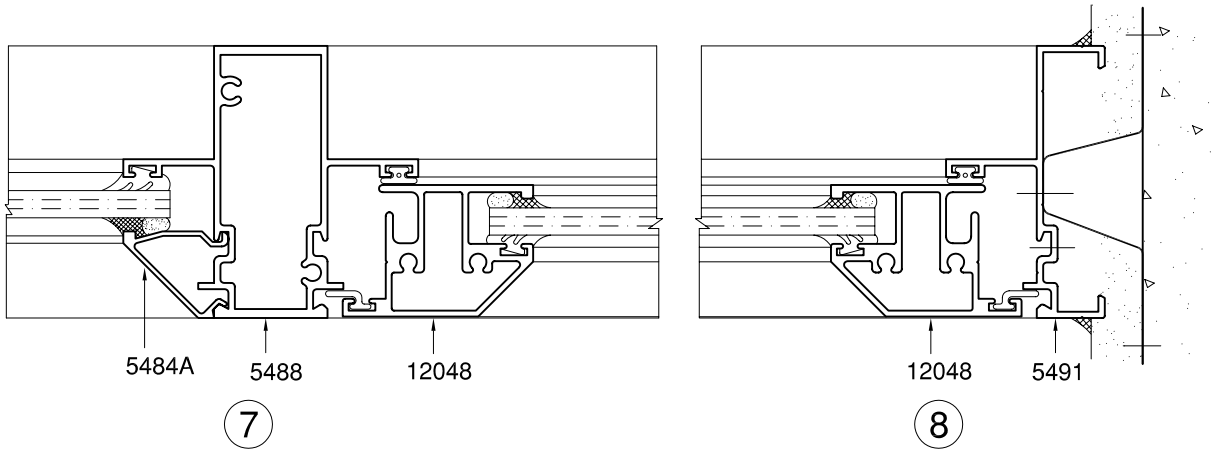
PRESS METAL ACE High Performance Systems	CASEMENT WINDOW	REF : C-35 Page: 1
	COMSASH™ C-35	DATE : 1.1.2015
		REPLACES : ·

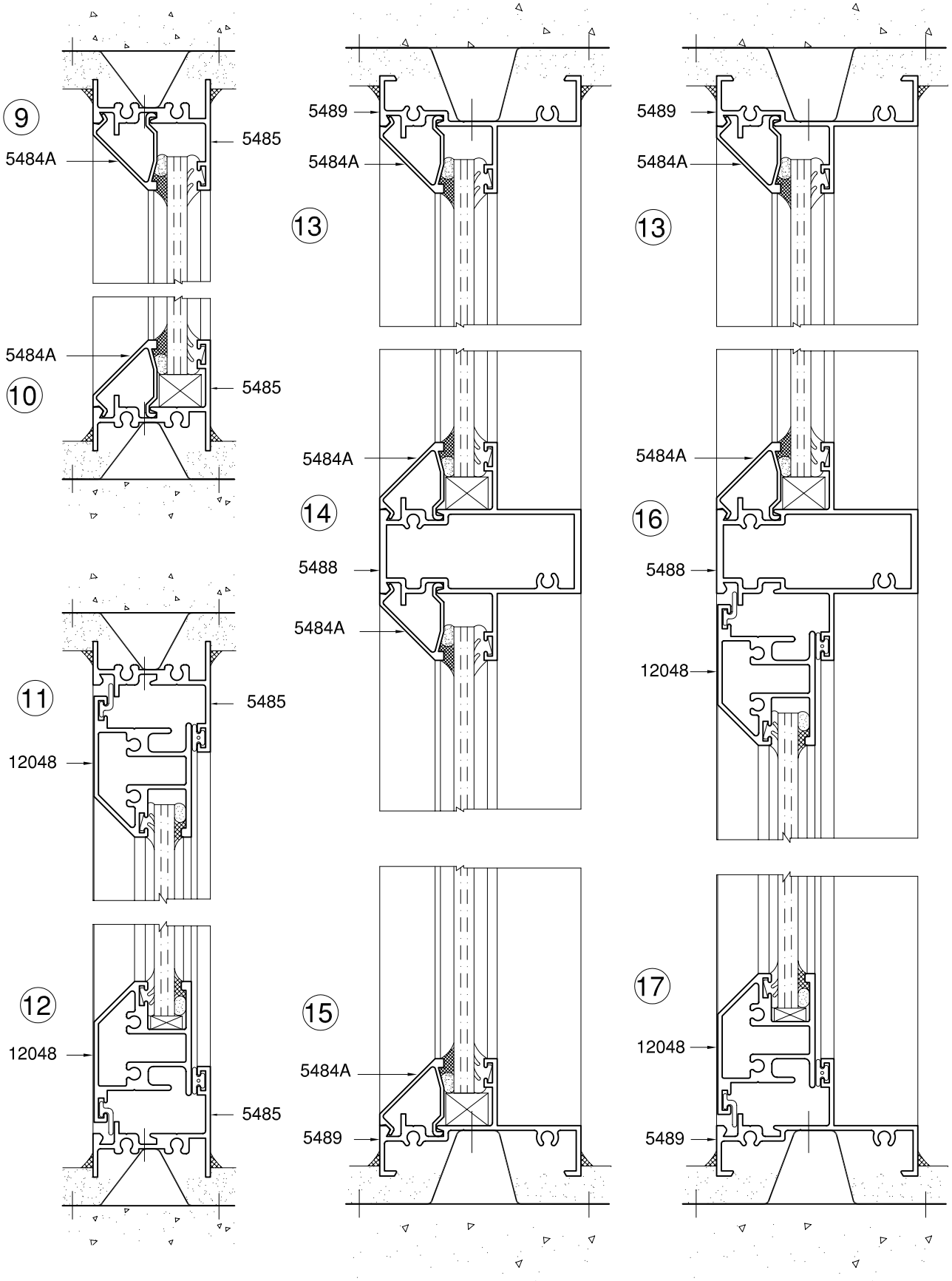


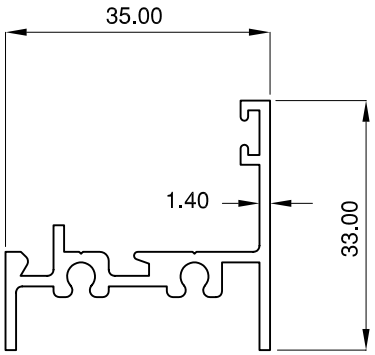
ELEVATION





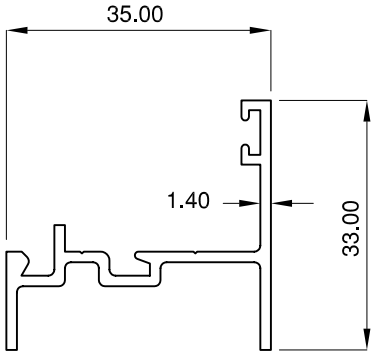






5485

WT : 0.483 Kg/m
AP : 215.47 mm



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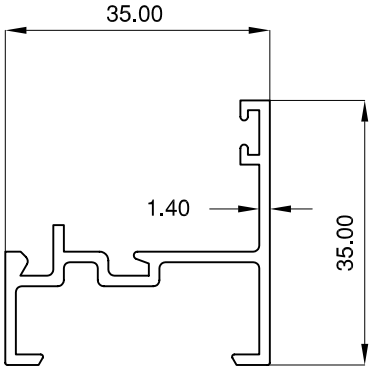
AP : 204.22 mm



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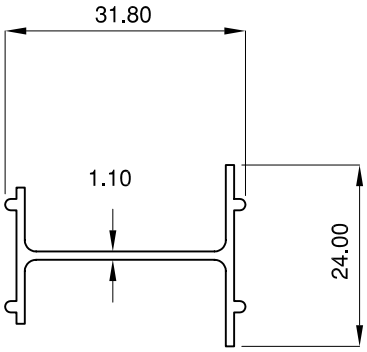
AP : 220.33 mm



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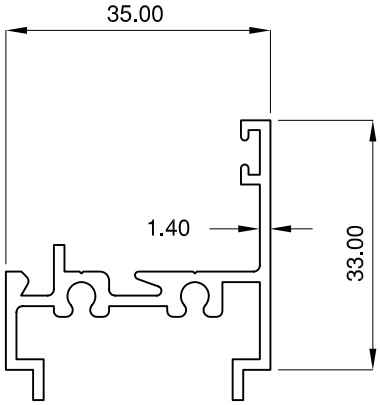
AP : 146.25 mm



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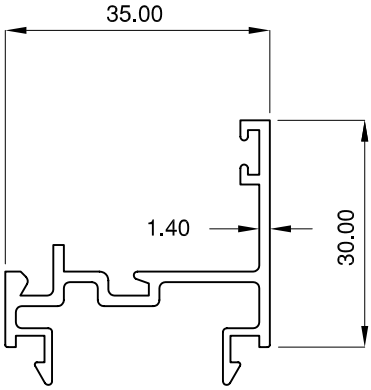
AP : 249.80 mm



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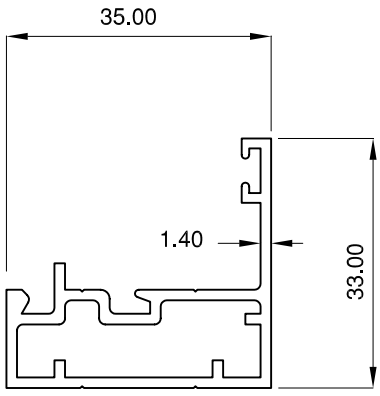
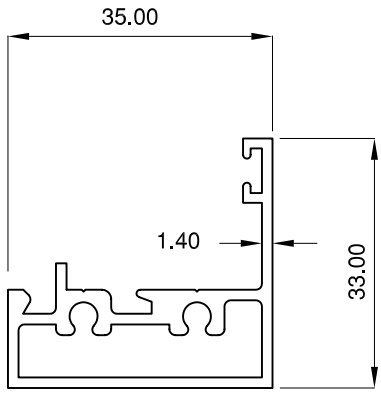
AP : 233.32 mm



8009

WT : 0.534 Kg/m
AP : 173.33 mm



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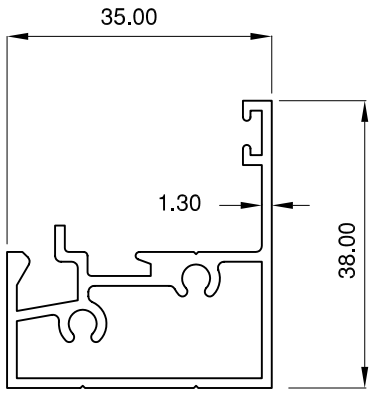
WT : 0.606 Kg/m
AP : 172.91 mm



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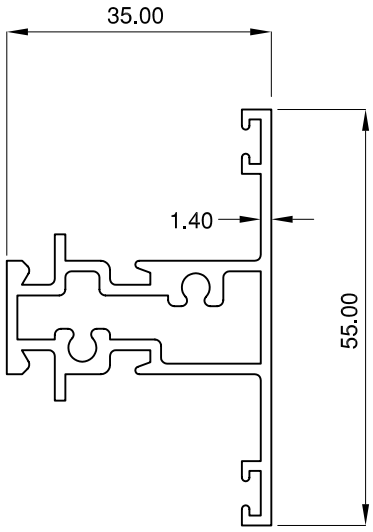
AP : 197.99 mm



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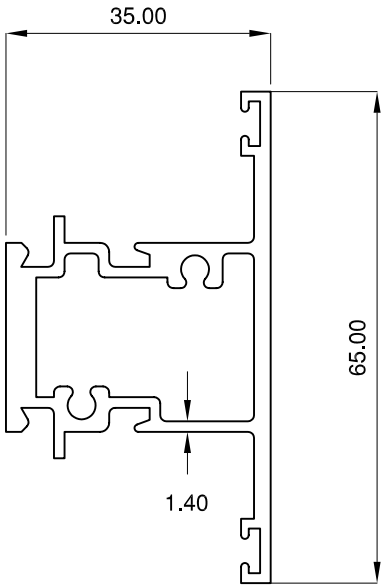
WT : 0.802 Kg/m
AP : 253.01 mm



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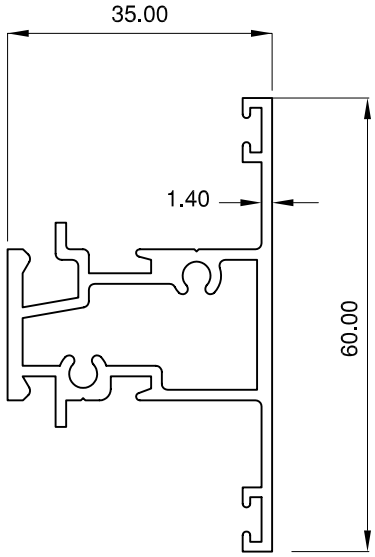
AP : 269.80 mm



9276

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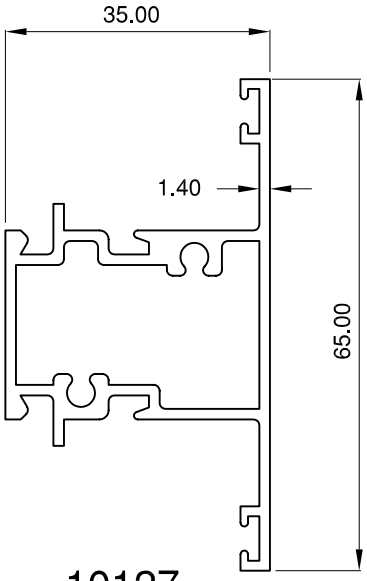
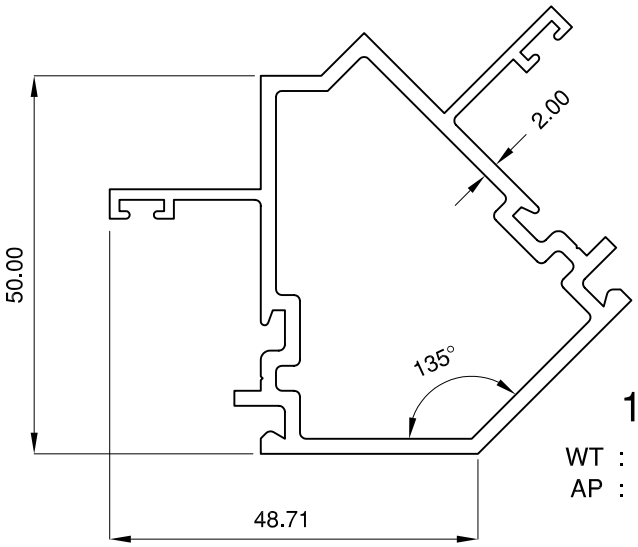
AP : 277.99 mm



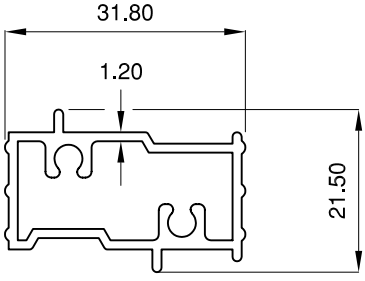
10127

WT : 0.860 Kg/m
AP : 273.00 mm



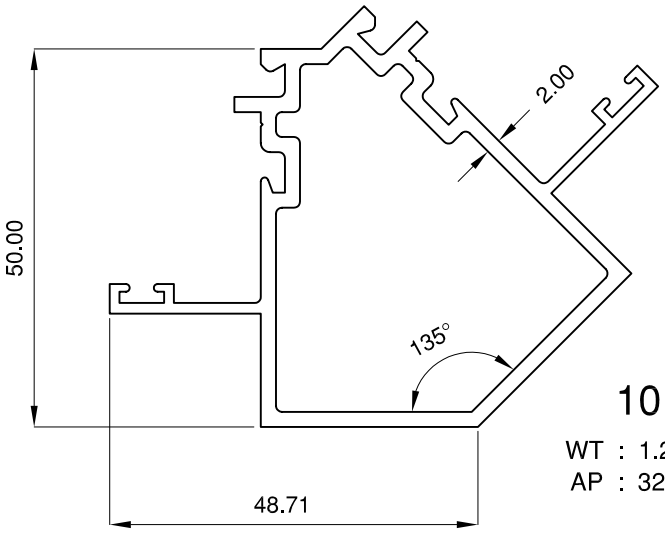
10125

WT : 1.255 Kg/m
AP : 326.85 mm



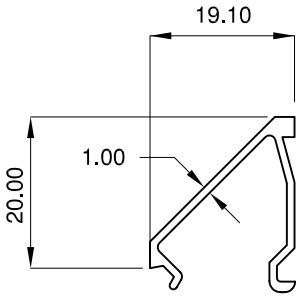
11974

WT : 0.414 Kg/m
AP : 111.79 mm



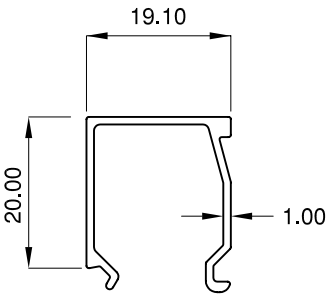
10126

WT : 1.255 Kg/m
AP : 326.85 mm



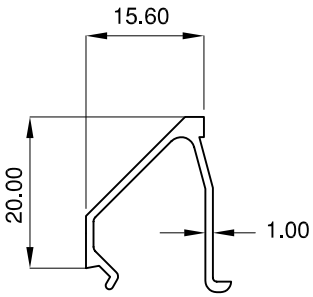
5484A

WT : 0.177 Kg/m
AP : 116.29 mm



10289

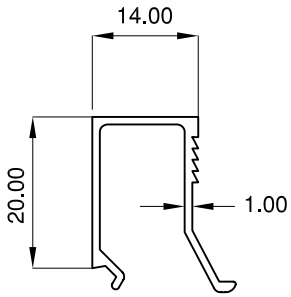
WT : 0.197 Kg/m
AP : 135.32 mm



8mm glass

11267

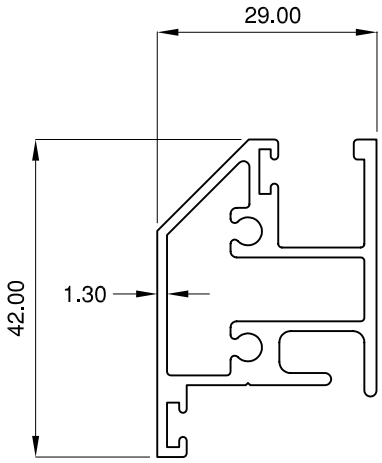
WT : 0.167 Kg/m
AP : 110.91 mm



8mm glass

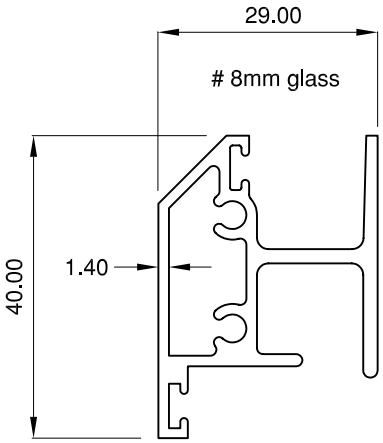
14329

WT : 0.185 Kg/m
AP : 129.93 mm



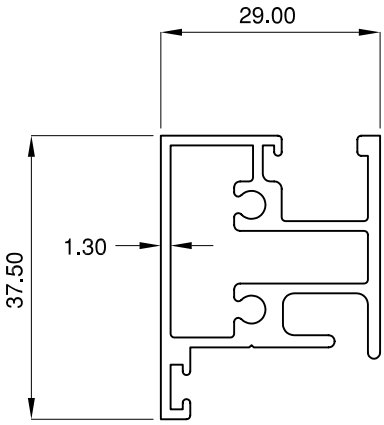
12048

WT : 0.745 Kg/m
AP : 212.33 mm



11266

WT : 0.691 Kg/m
AP : 218.01 mm



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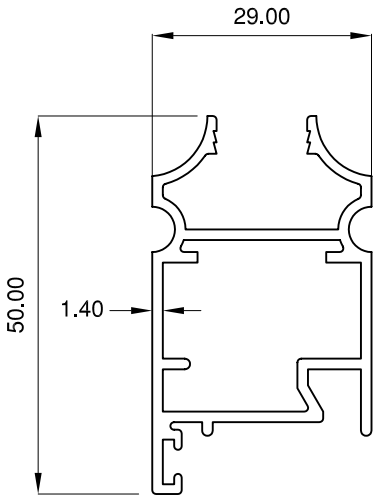
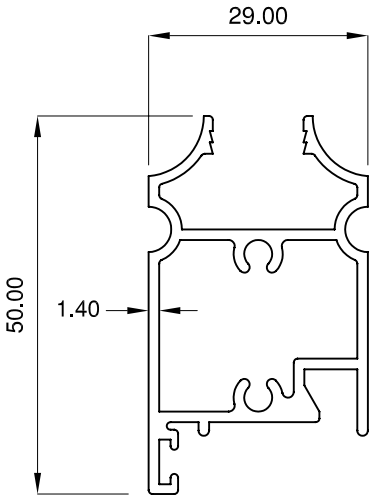
WT : 0.706 Kg/m
AP : 201.27 mm



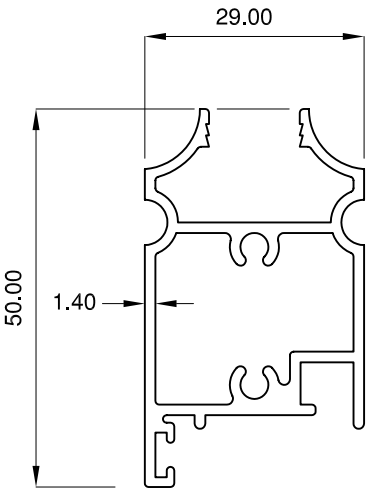
9493A

WT : 0.686 Kg/m
AP : 242.61 mm



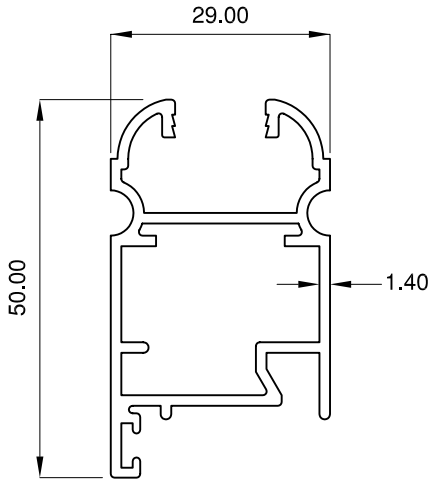
16595

WT : 0.735 Kg/m
AP : 242.61 mm



14860

WT : 0.741 Kg/m
AP : 243.85 mm



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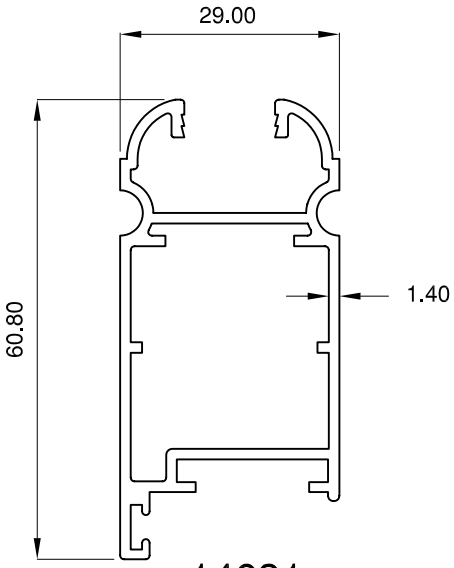
WT : 0.719 Kg/m
AP : 255.27mm



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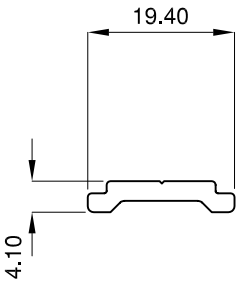
WT : 0.795 Kg/m
AP : 272.59 mm



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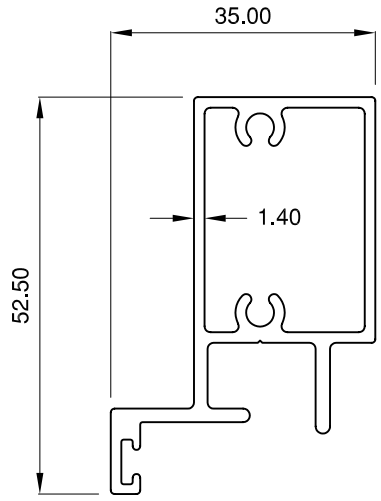
WT : 0.144 Kg/m
AP : 46.62 mm



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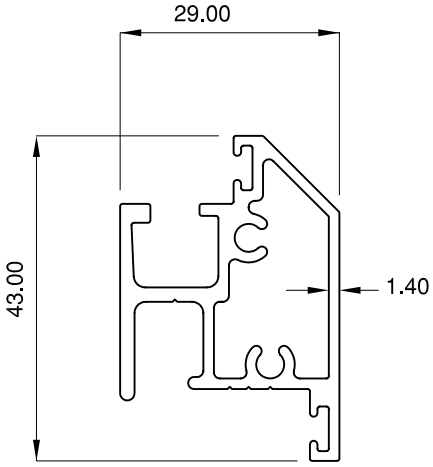
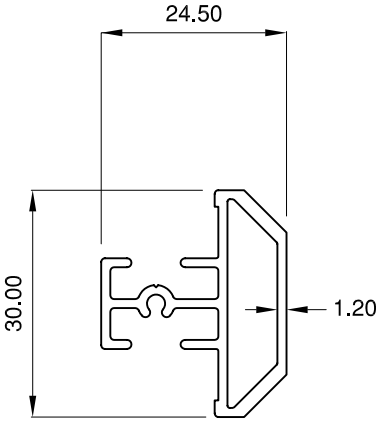
AP : 214.79 mm



11460A

WT : 0.733 Kg/m
AP : 213.10 mm



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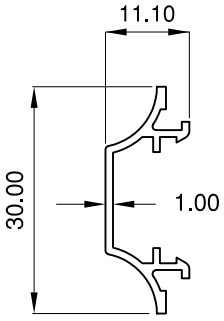
WT : 0.400 Kg/m
AP : 160.70 mm



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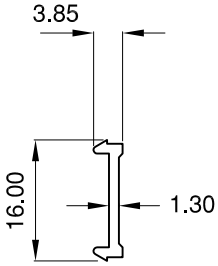
WT : 0.152 Kg/m
AP : 111.23 mm



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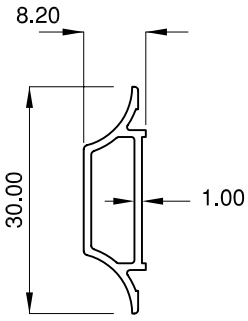
AP : 42.18 mm



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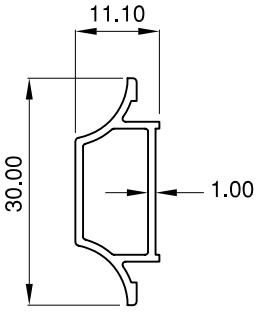
WT : 0.159 Kg/m
AP : 73.95 mm



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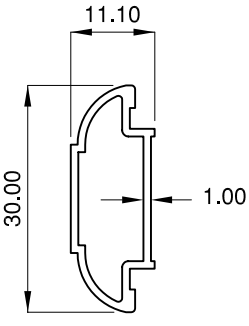
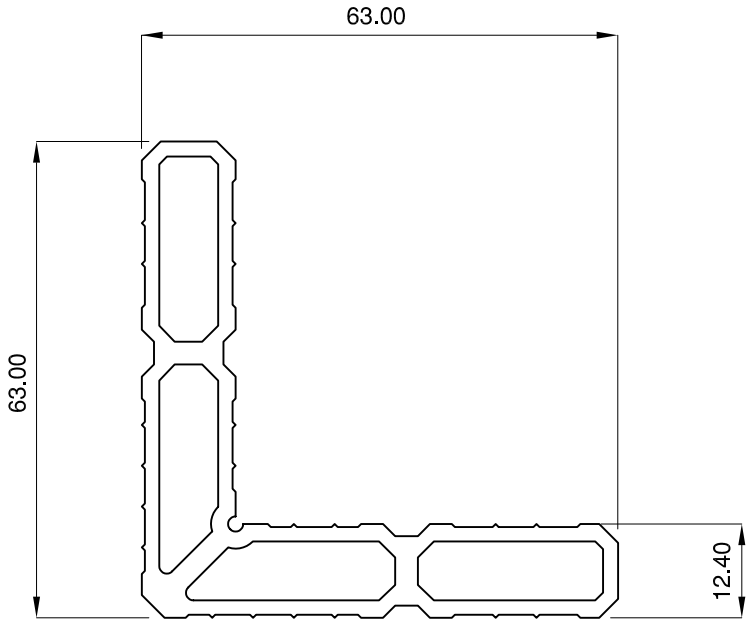
WT : 0.179 Kg/m
AP : 81.15 mm



15224A

WT : 0.206 Kg/m
AP : 79.00 mm



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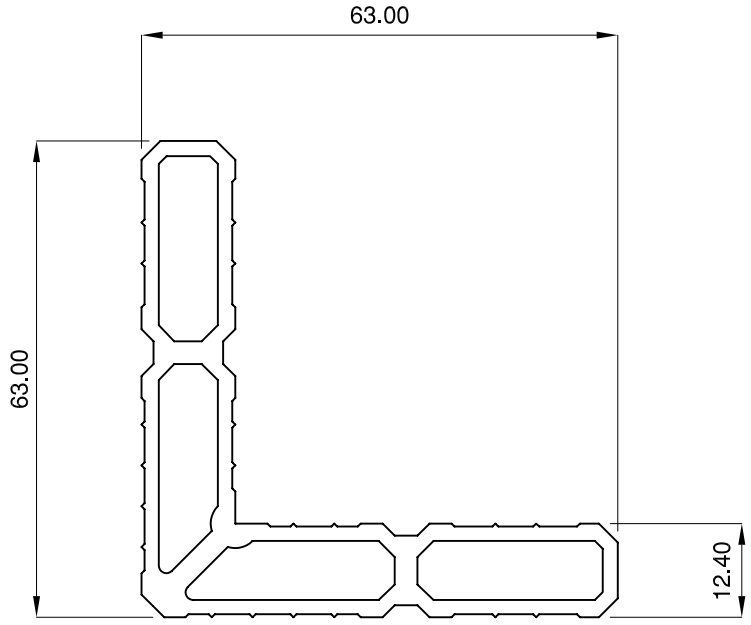
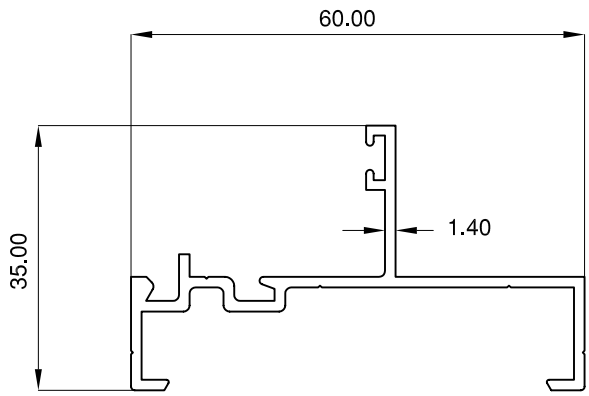
AP : 261.68 mm



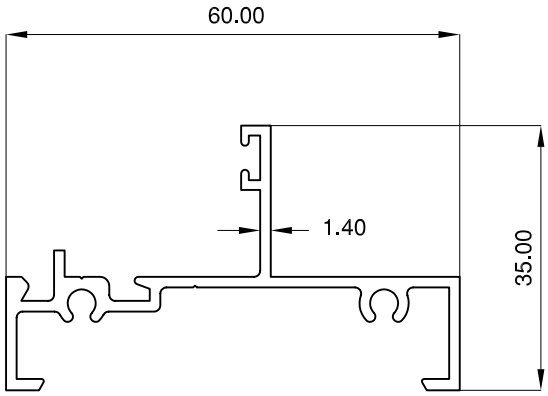
17020

WT : 1.528 Kg/m
AP : 258.97 mm



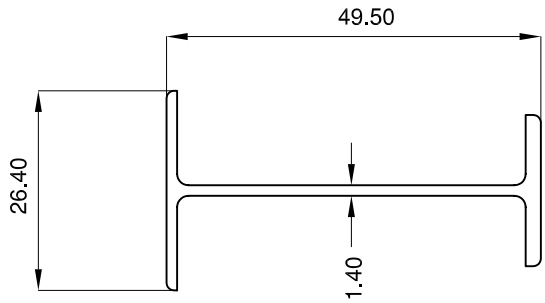
5491

WT : 0.522 Kg/m
AP : 268.25 mm



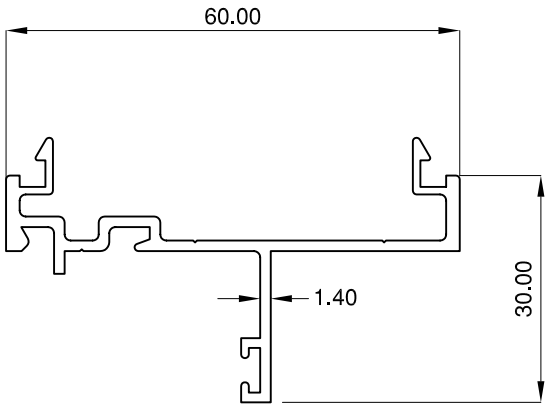
5489

WT : 0.588 Kg/m
AP : 291.38 mm



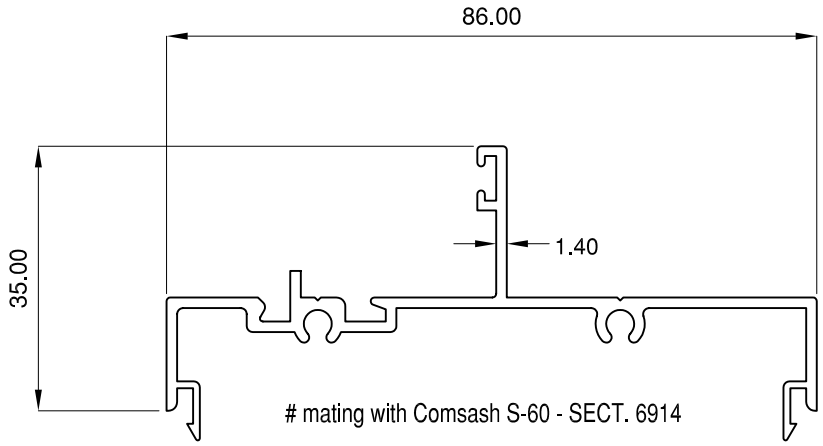
5585

WT : 0.386 Kg/m
AP : 184.70 mm



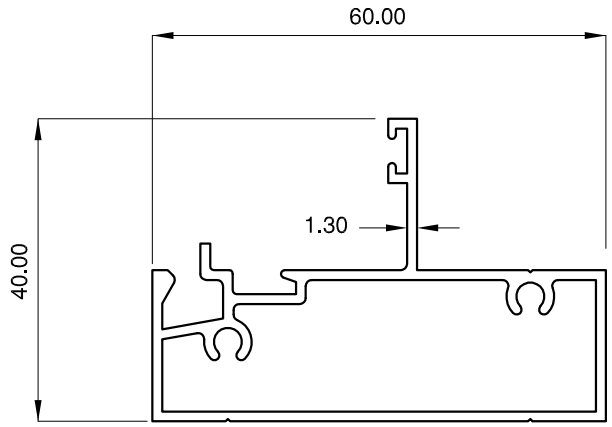
5490

WT : 0.542 Kg/m
AP : 281.94 mm



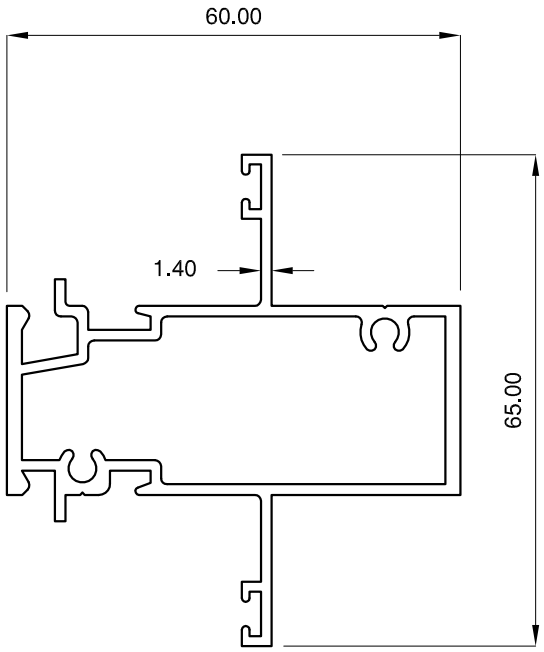
9095

WT : 0.714 Kg/m
AP : 374.95 mm



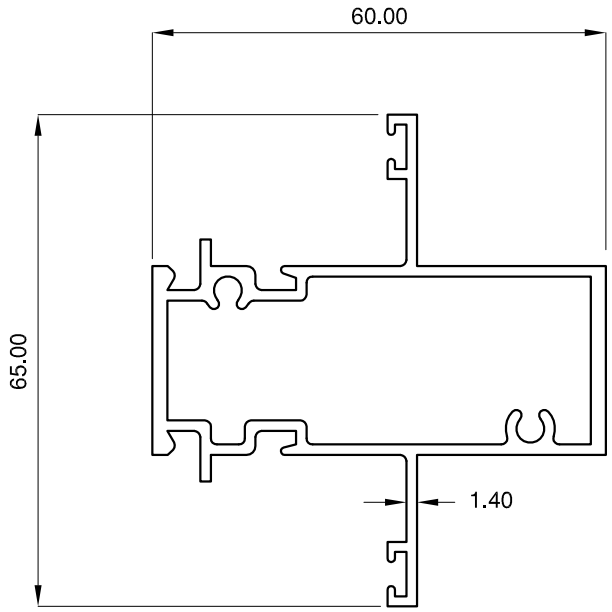
9277

WT : 0.792 Kg/m
AP : 251.99 mm



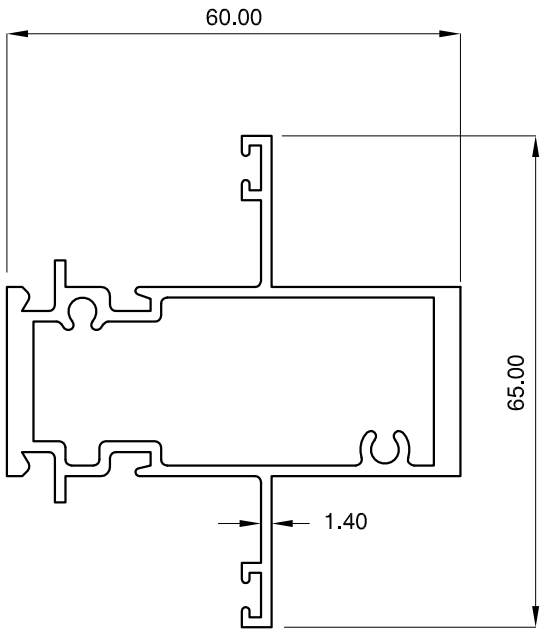
9275

WT : 1.093 Kg/m
AP : 337.99 mm



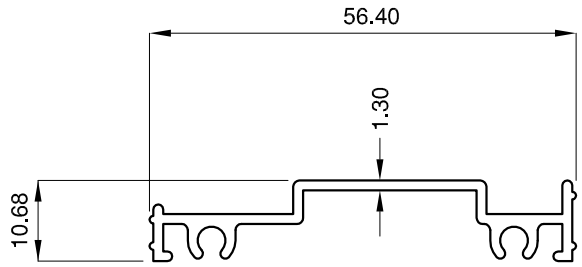
5488

WT : 1.083 Kg/m
AP : 323.01 mm



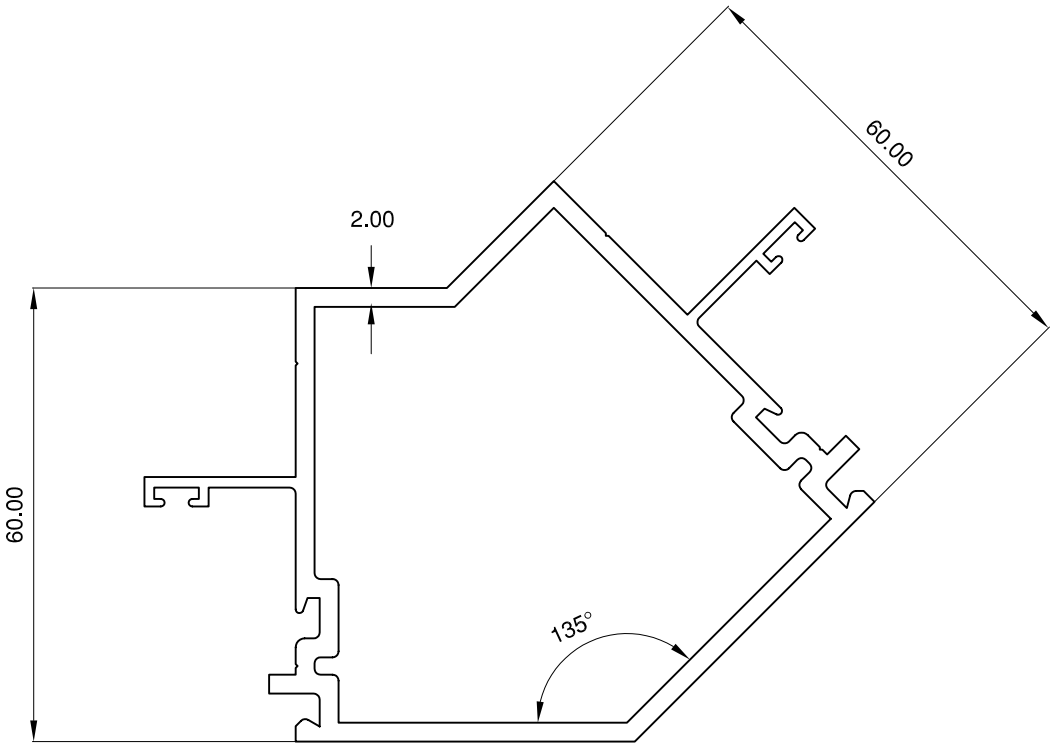
14375

WT : 1.229 Kg/m
AP : 323.12 mm



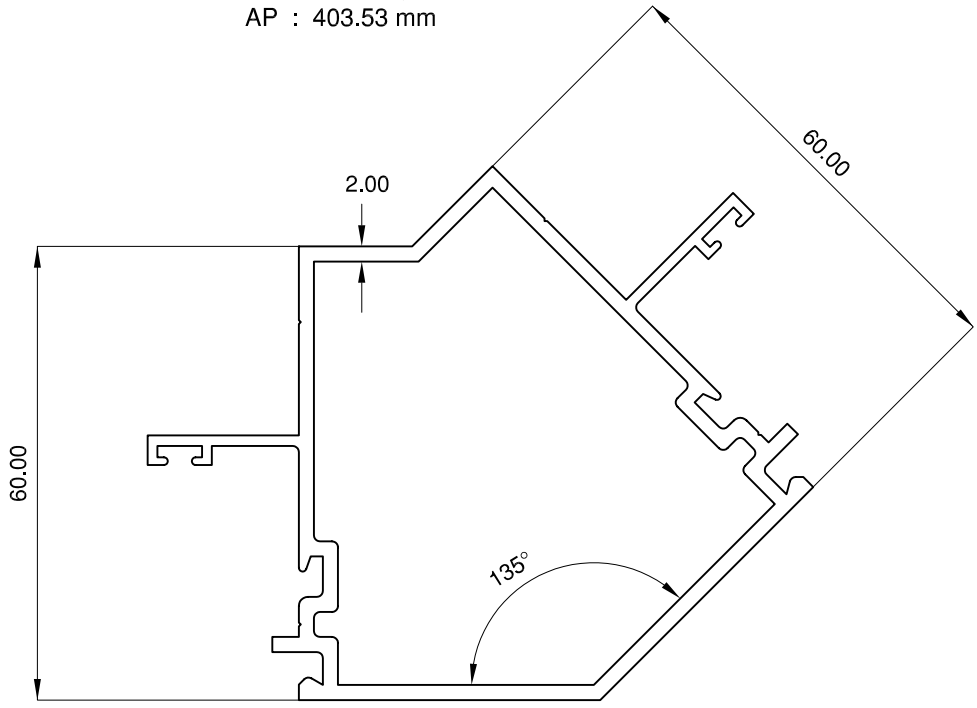
9424

WT : 0.372 Kg/m
AP : 195.82 mm



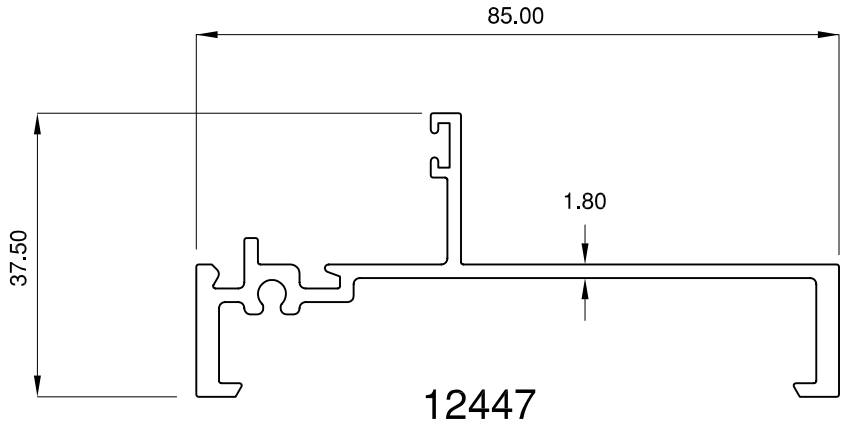
9357

WT : 2.015 Kg/m
AP : 403.53 mm



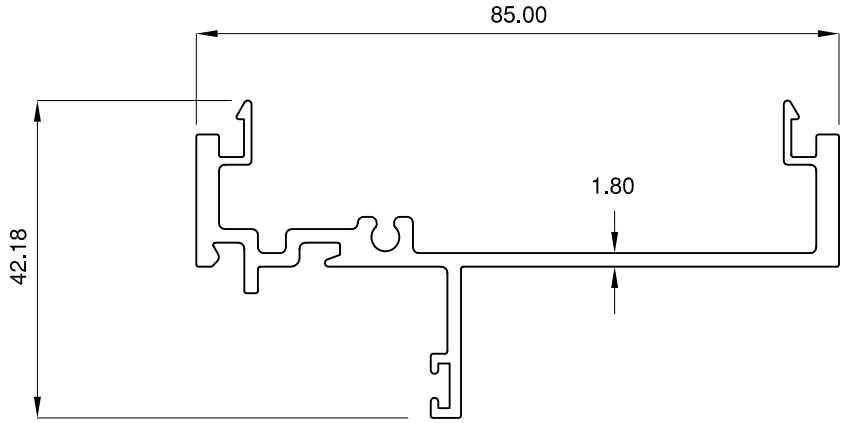
9358

WT : 1.565 Kg/m
AP : 383.53 mm



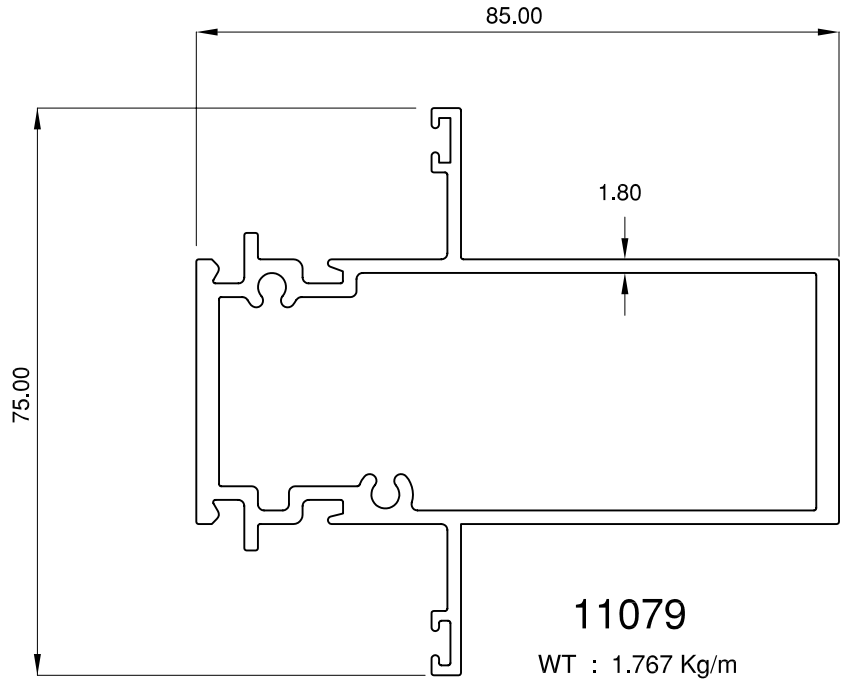
12447

WT : 0.903 Kg/m
AP : 329.59 mm



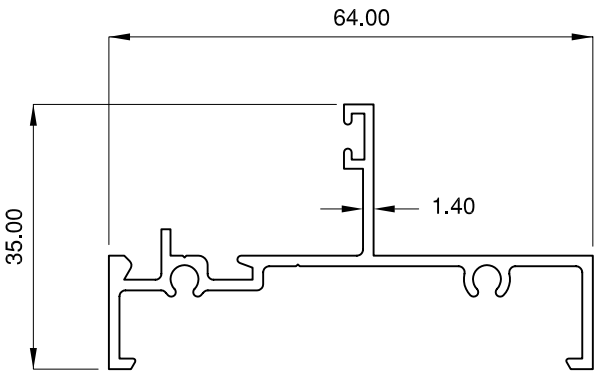
12448

WT : 0.984 Kg/m
AP : 372.43 mm



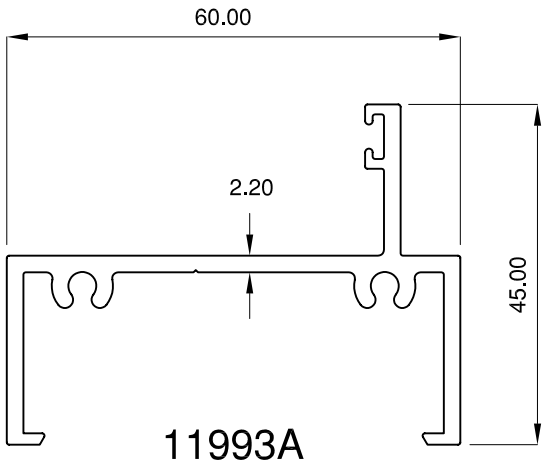
11079

WT : 1.767 Kg/m
AP : 387.48 mm



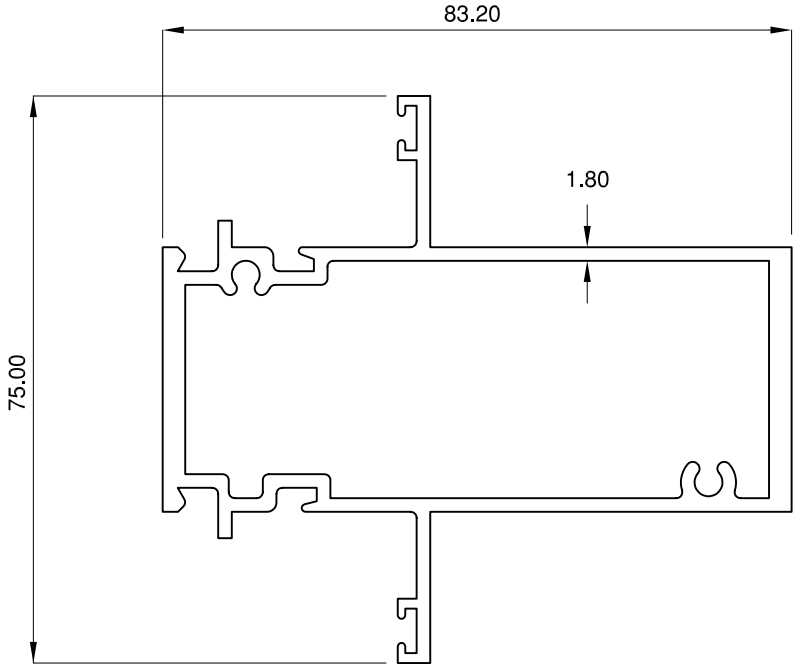
11579

WT : 0.556 Kg/m
AP : 291.46 mm



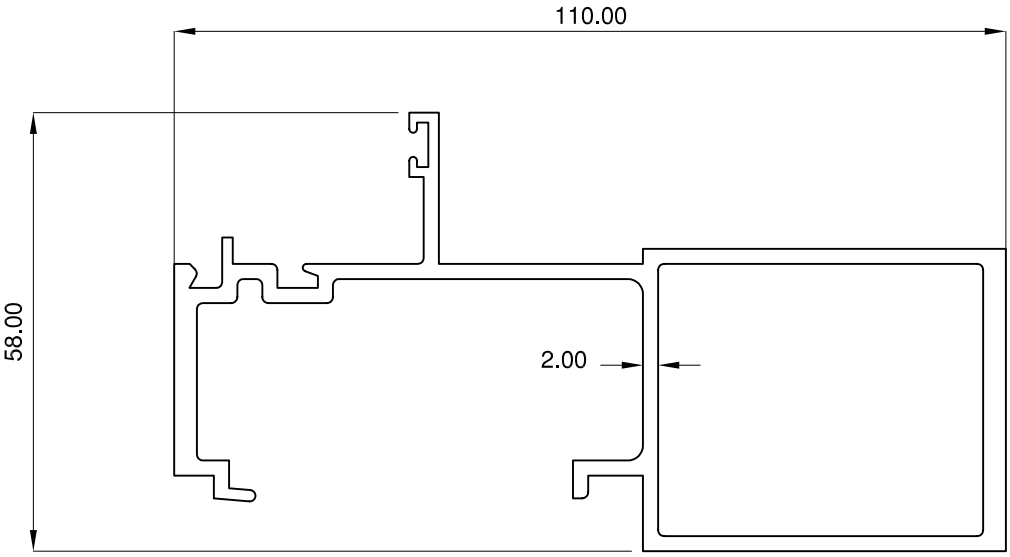
11993A

WT : 0.908 Kg/m
AP : 309.36 mm



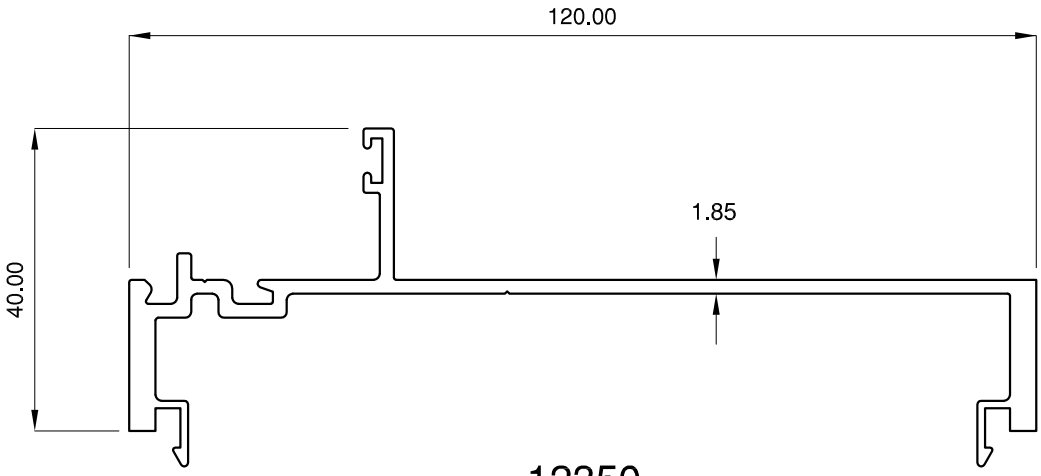
11031

WT : 1.766 Kg/m
AP : 385.48 mm



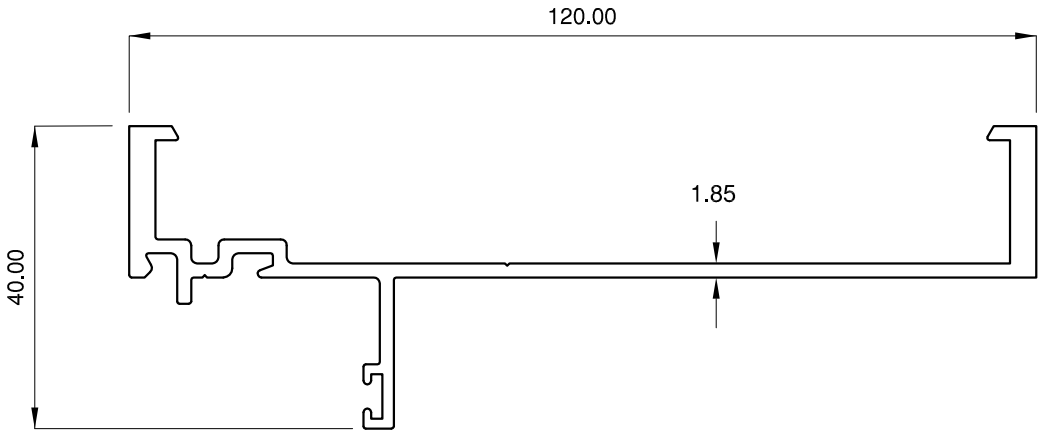
5504

WT : 1.867 Kg/m
AP : 473.54 mm



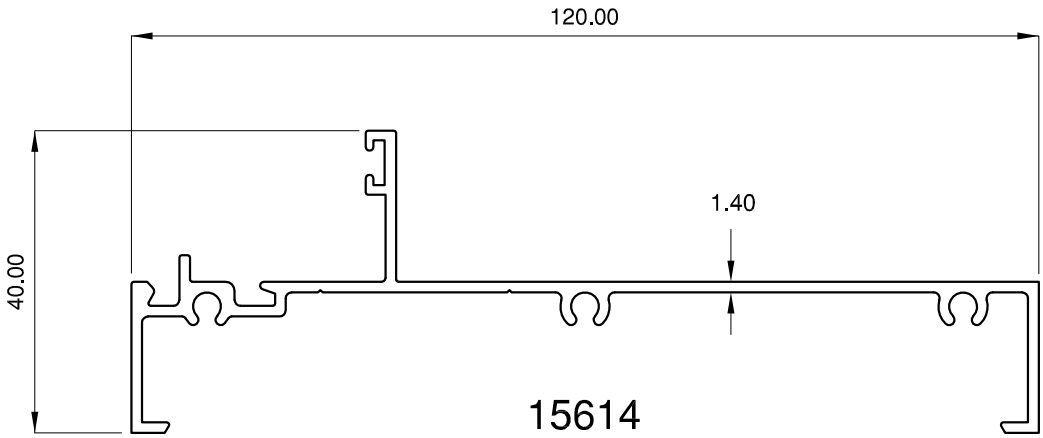
12350

WT : 1.194 Kg/m
AP : 442.95 mm



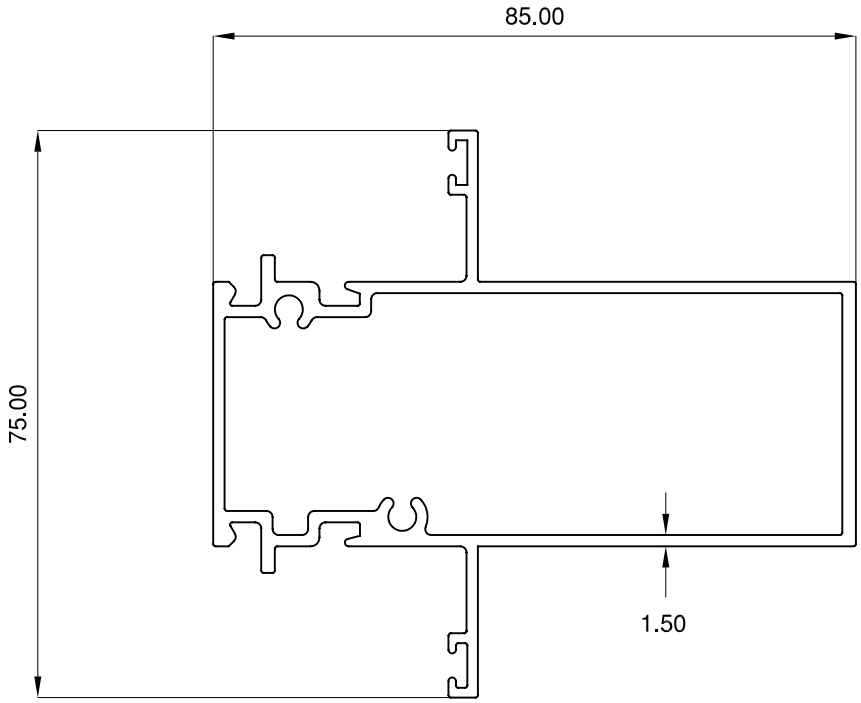
12349

WT : 1.149 Kg/m
AP : 405.56 mm



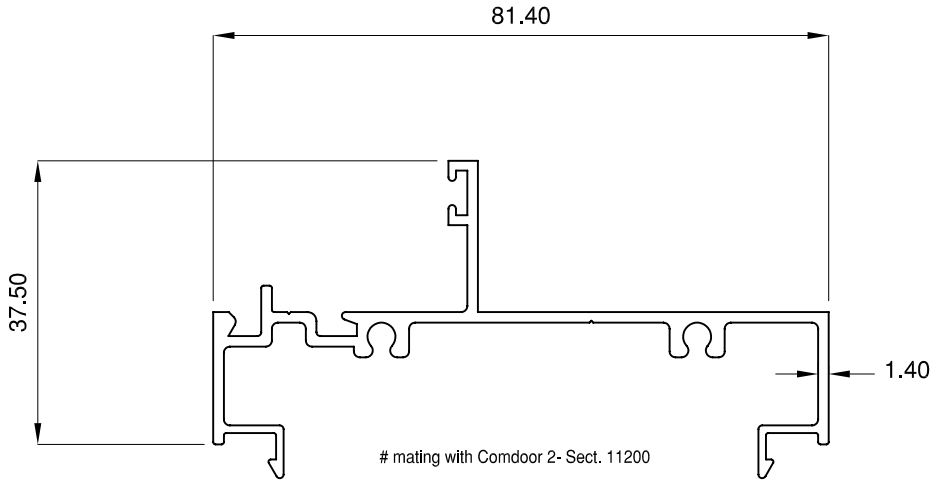
15614

WT : 0.885 Kg/m
AP : 444.67 mm



17126

WT : 1.412 Kg/m
AP : 388.68 mm



17229

WT : 0.795 Kg/m
AP : 392.66 mm

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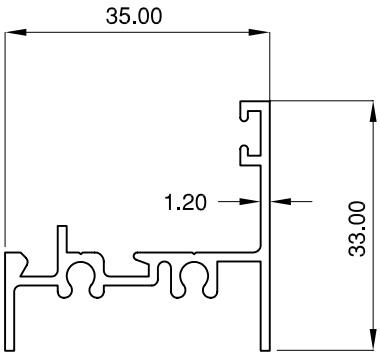
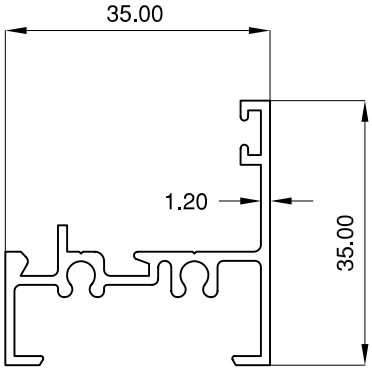


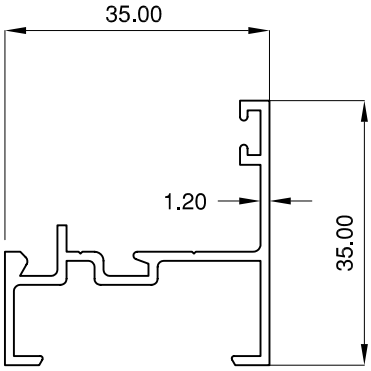
9450

WT : 0.404 Kg/m
AP : 224.83 mm



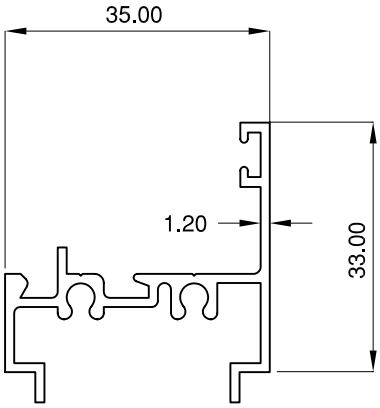
14428

WT : 0.440 Kg/m
AP : 246.19 mm



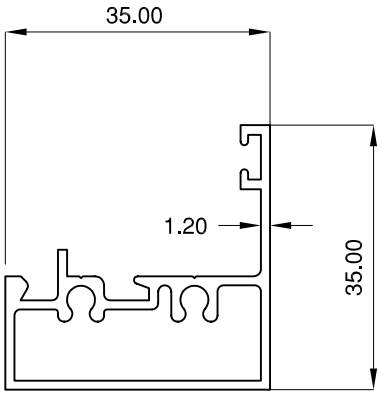
14431

WT : 0.377 Kg/m
AP : 223.79 mm



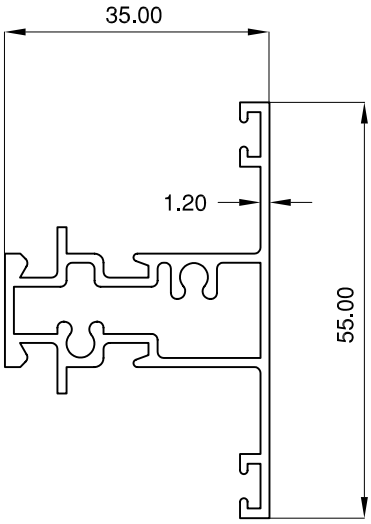
14440

WT : 0.454 Kg/m
AP : 256.83 mm



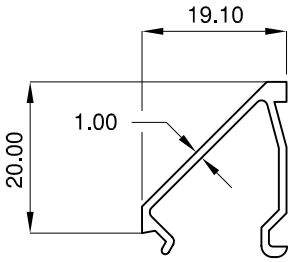
15187

WT : 0.524 Kg/m
AP : 177.65 mm



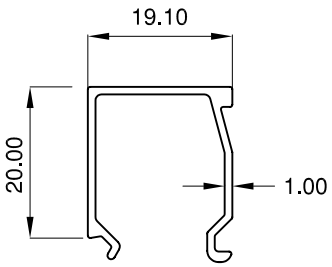
9441A

WT : 0.679 Kg/m
AP : 254.61 mm



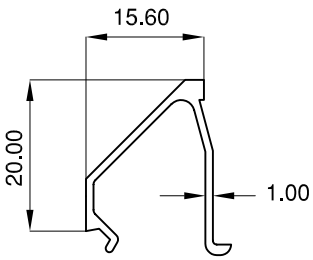
5484A

WT : 0.177 Kg/m
AP : 116.29 mm



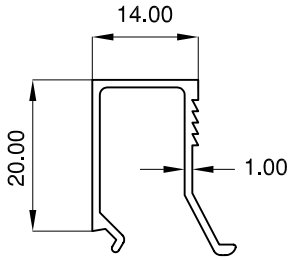
10289

WT : 0.197 Kg/m
AP : 135.32 mm



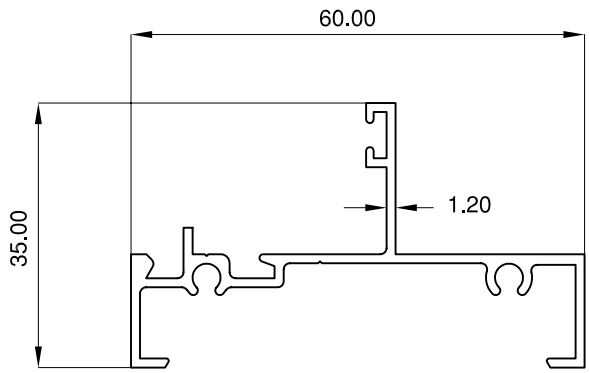
11267

WT : 0.167 Kg/m
AP : 110.91 mm



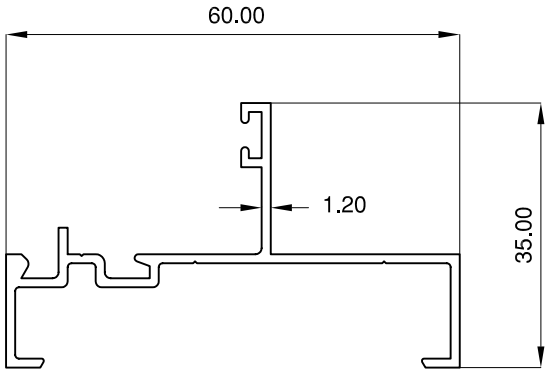
14329

WT : 0.185 Kg/m
AP : 129.93 mm



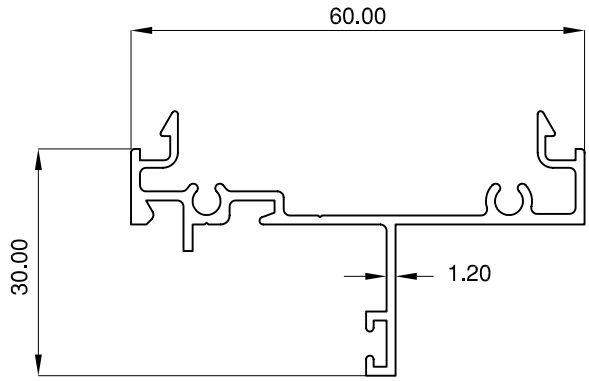
9451

WT : 0.507 Kg/m
AP : 291.84 mm



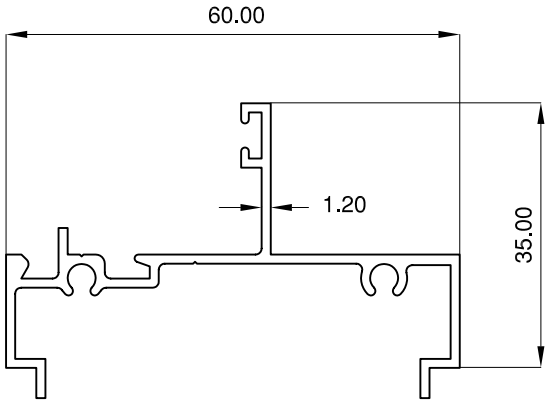
14430

WT : 0.457 Kg/m
AP : 274.22 mm



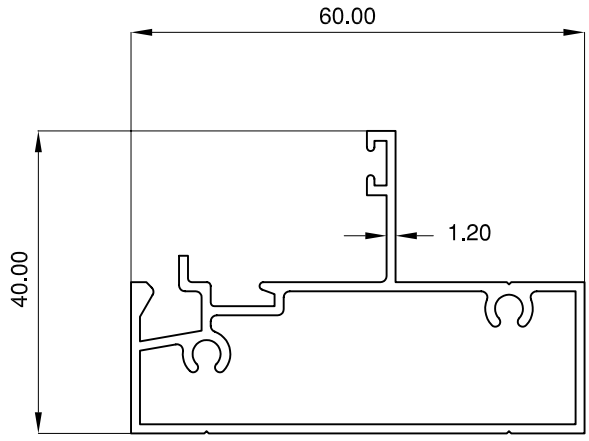
13435

WT : 0.518 Kg/m
AP : 301.78 mm



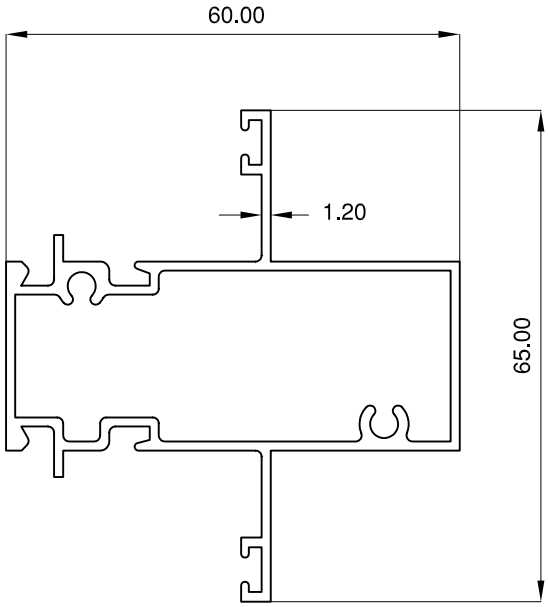
14441

WT : 0.533 Kg/m
AP : 309.60 mm



15185

WT : 0.745 Kg/m
AP : 252.53 mm



15184

WT : 0.911 Kg/m
AP : 324.72 mm

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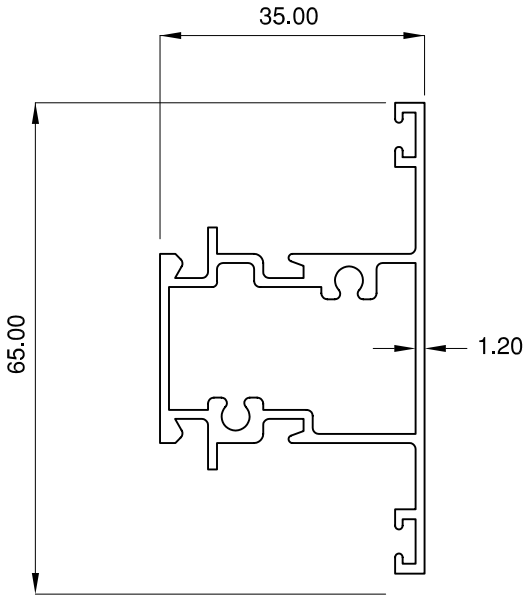
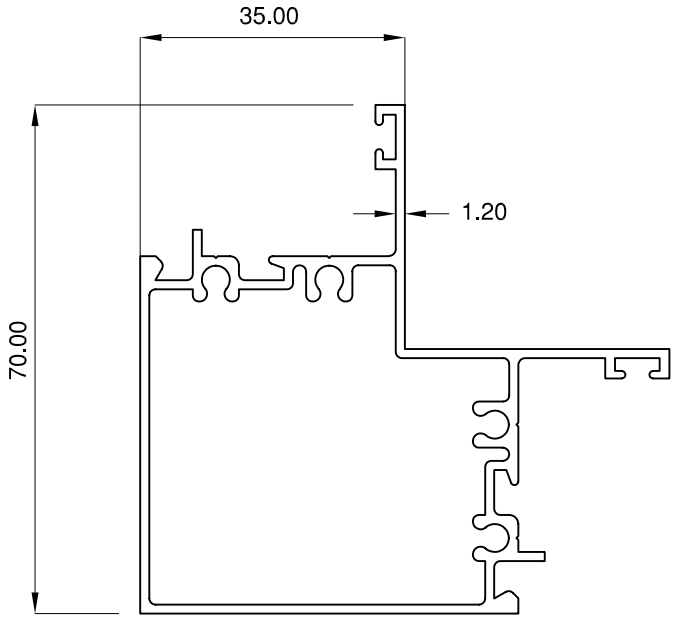


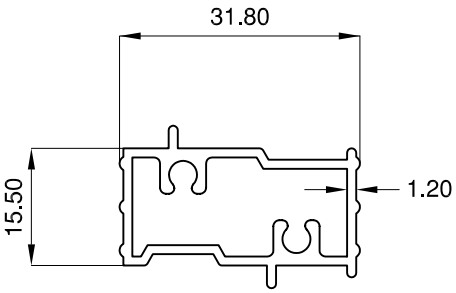
11975

WT : 0.783 Kg/m
AP : 275.61 mm



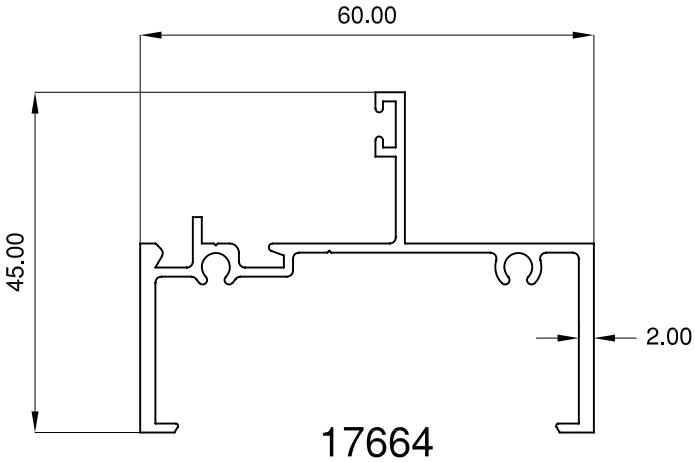
15158

WT : 1.063 Kg/m
AP : 355.30 mm



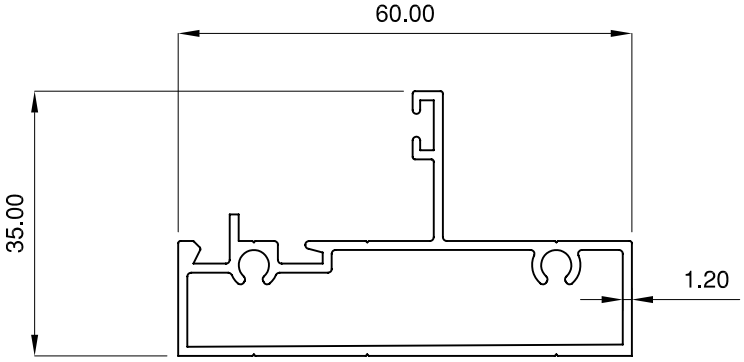
11974

WT : 0.414 Kg/m
AP : 111.79 mm



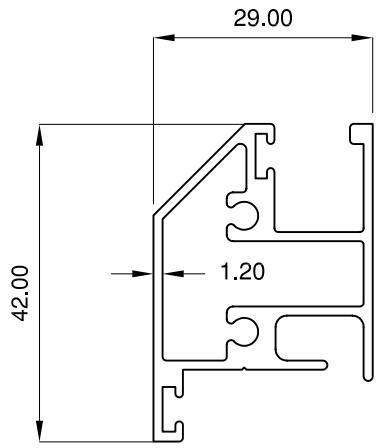
17664

WT : 0.680 Kg/m
AP : 328.76 mm



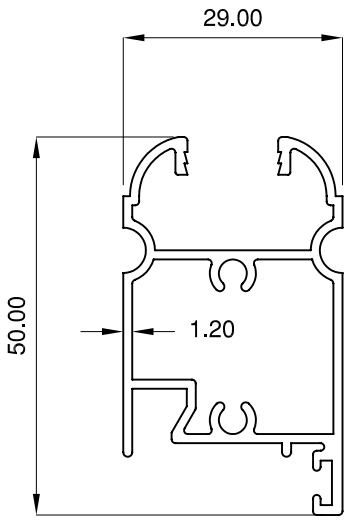
17677

WT : 0.696 Kg/m
AP : 230.03 mm



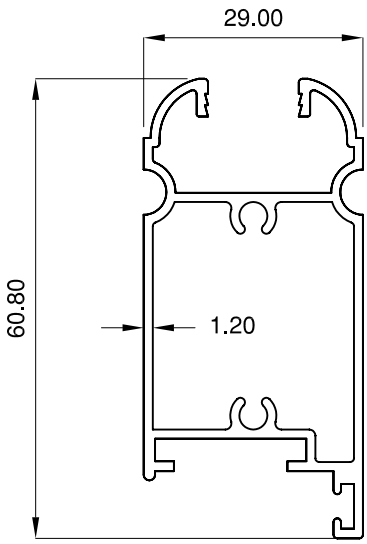
15186

WT : 0.685 Kg/m
AP : 213.67 mm



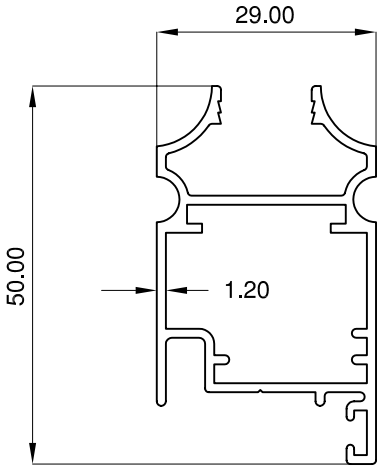
17128

WT : 0.681 Kg/m
AP : 257.50 mm



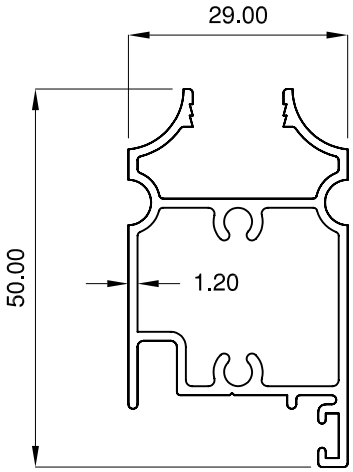
17125

WT : 0.729 Kg/m
AP : 274.95 mm



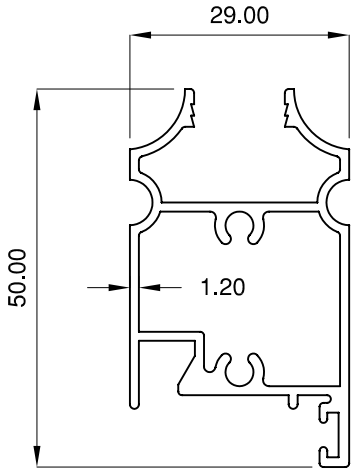
15113

WT : 0.609 Kg/m
AP : 241.55 mm



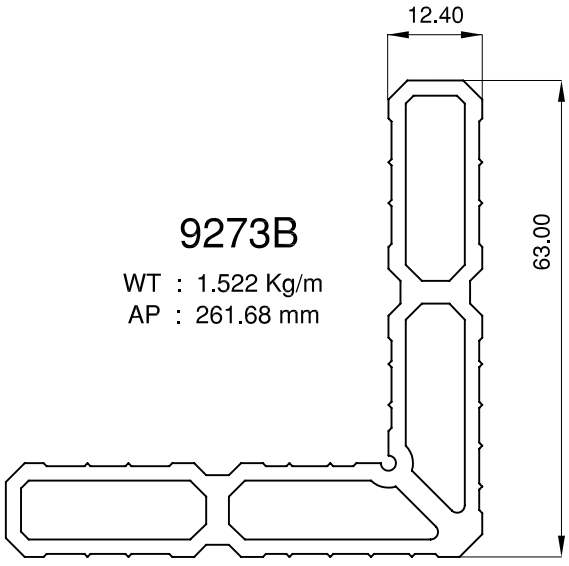
17536

WT : 0.653 Kg/m
AP : 241.55 mm



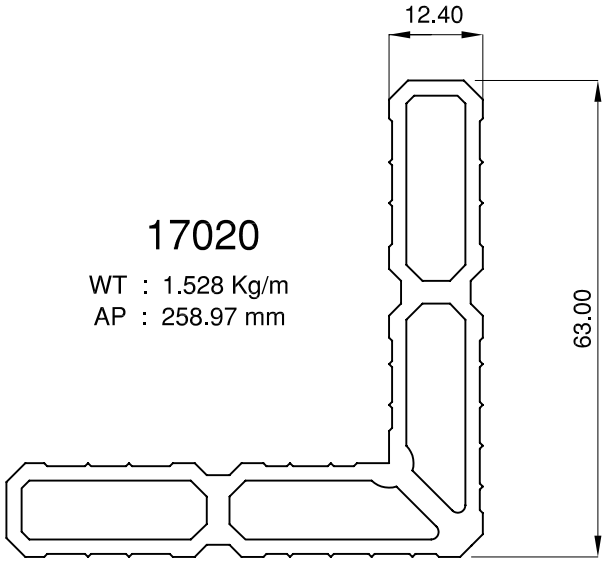
17377

WT : 0.689 Kg/m
AP : 244.32 mm



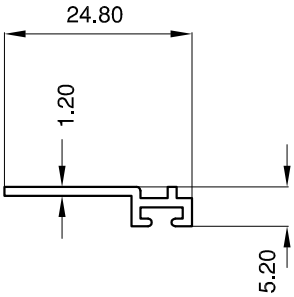
9273B

WT : 1.522 Kg/m
AP : 261.68 mm



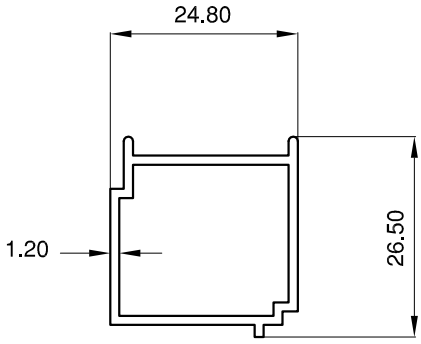
17020

WT : 1.528 Kg/m
AP : 258.97 mm



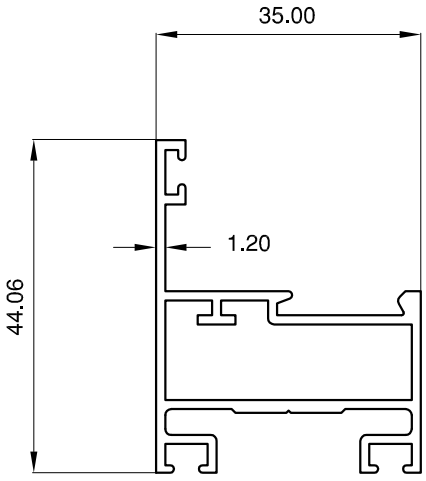
12651

WT : 0.114 Kg/m
AP : 72.93 mm



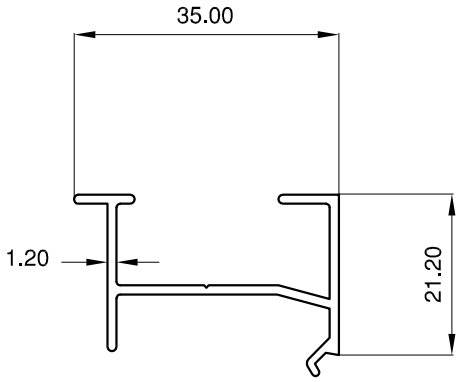
12652

WT : 0.311 Kg/m
AP : 106.57 mm



13428

WT : 0.608 Kg/m
AP : 248.37 mm



13429

WT : 0.286 Kg/m
AP : 176.84 mm

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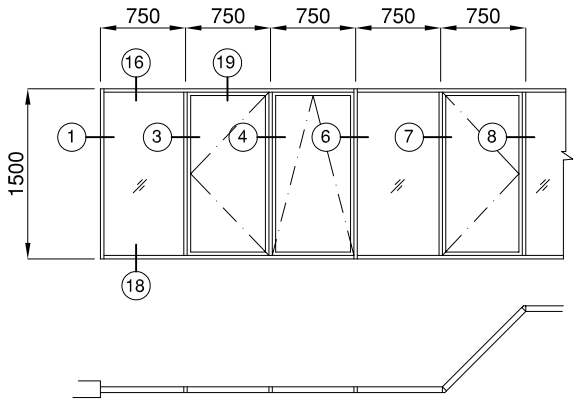
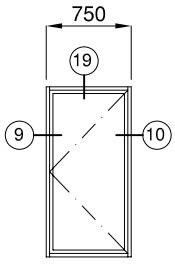


TYPE A



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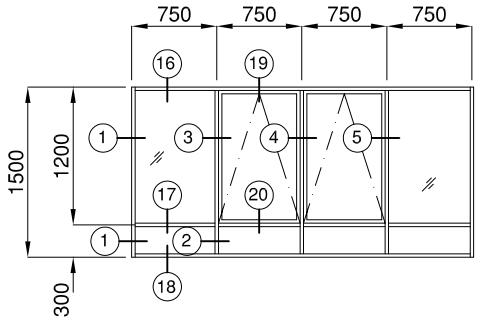
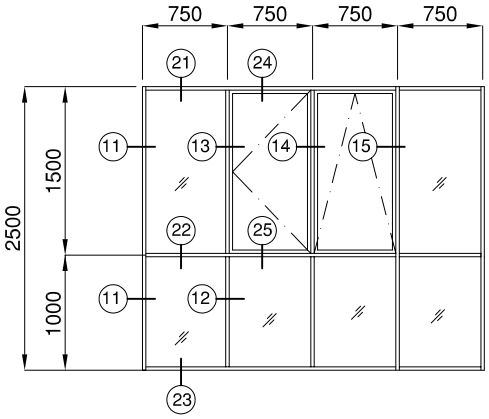
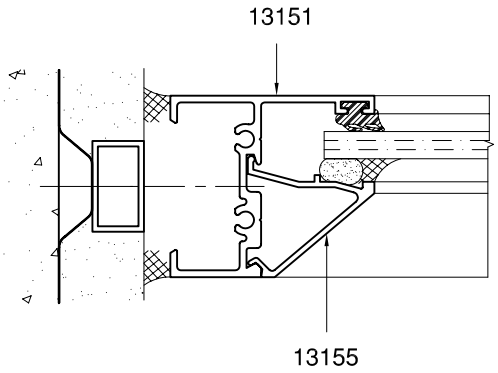


TYPE C



TYPE D

ELEVATIONS



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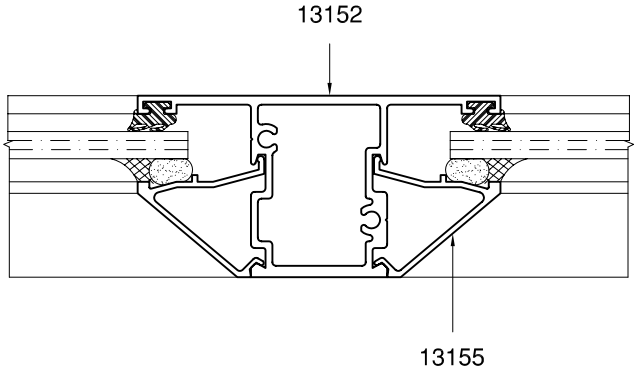

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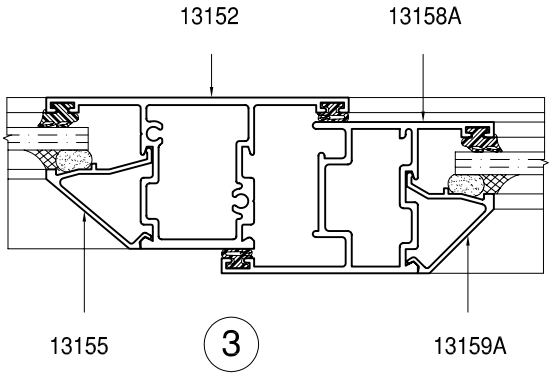

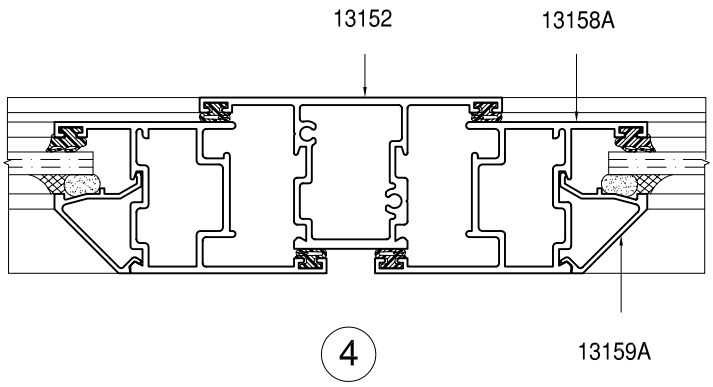

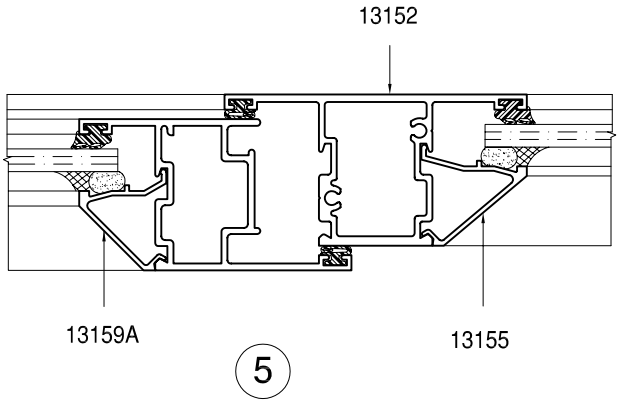

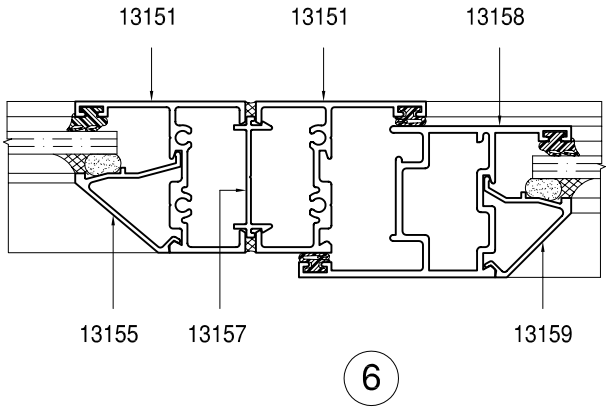

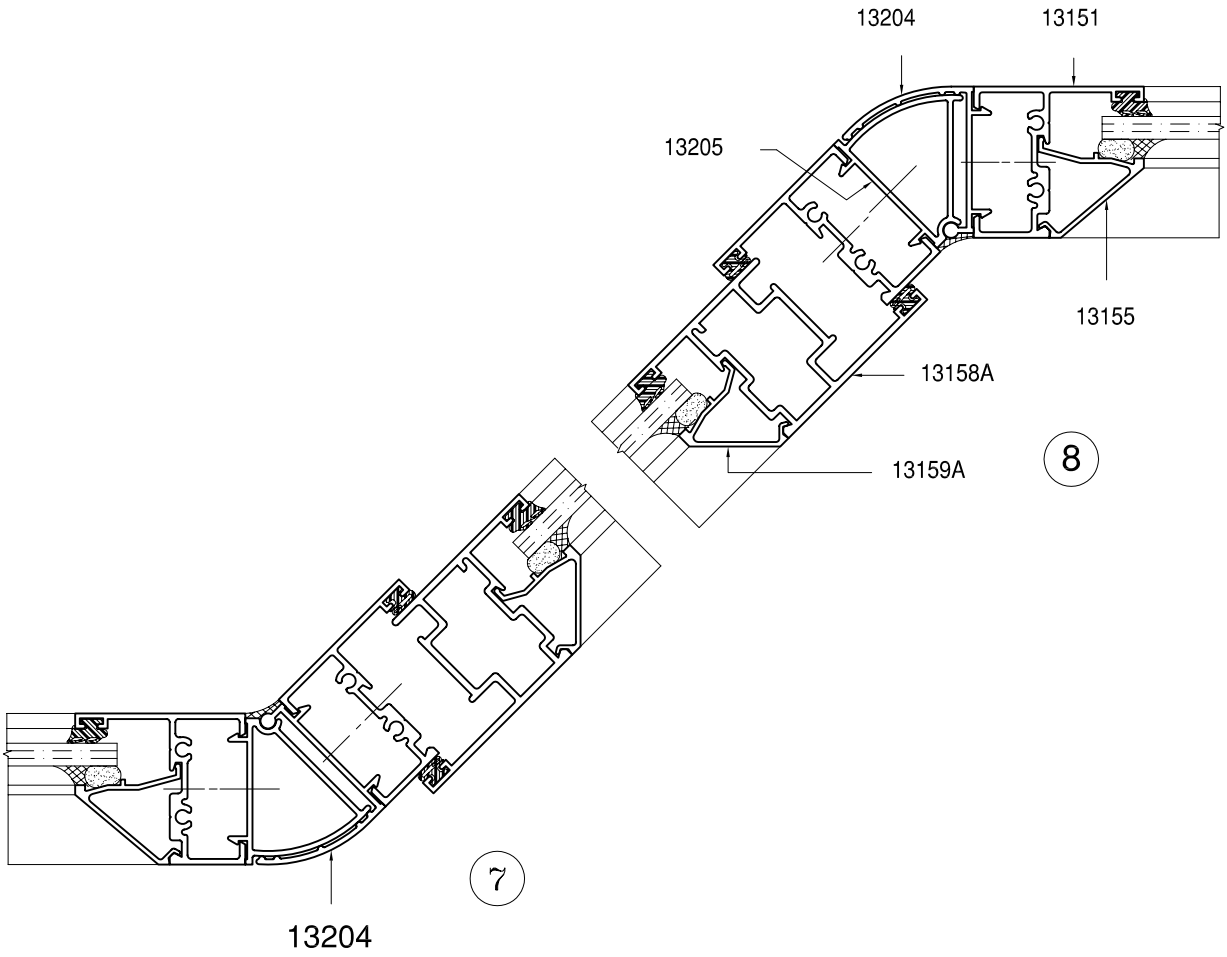

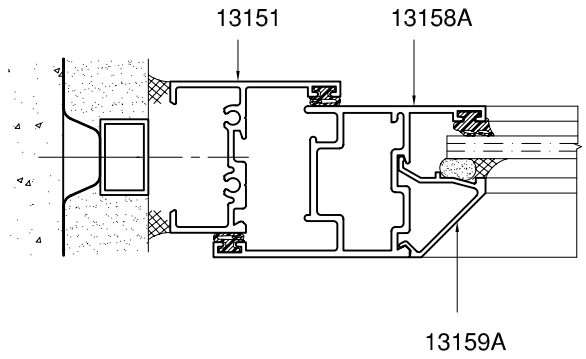

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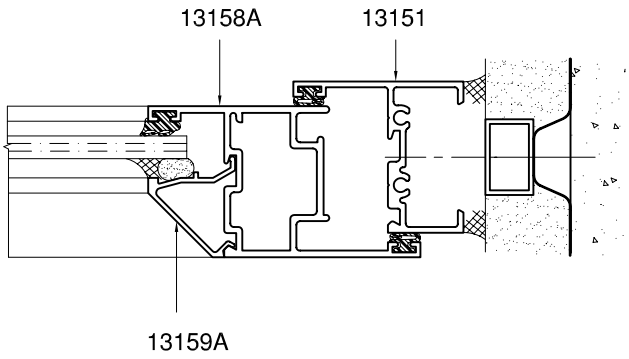

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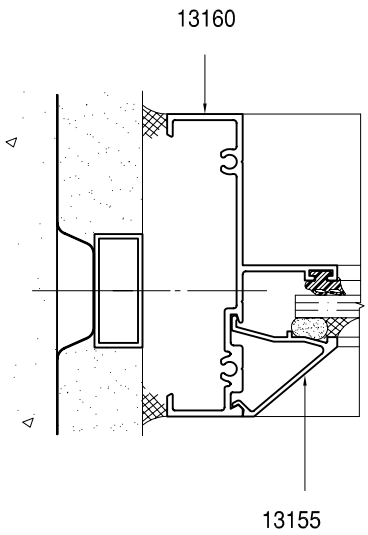

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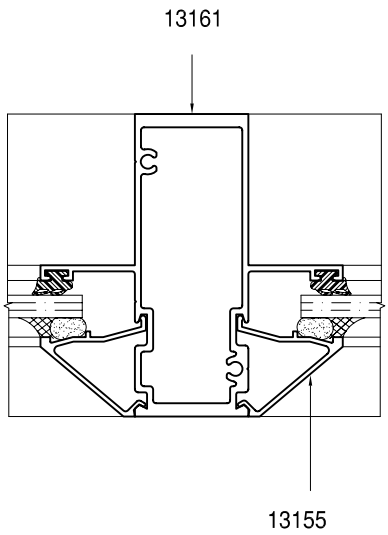

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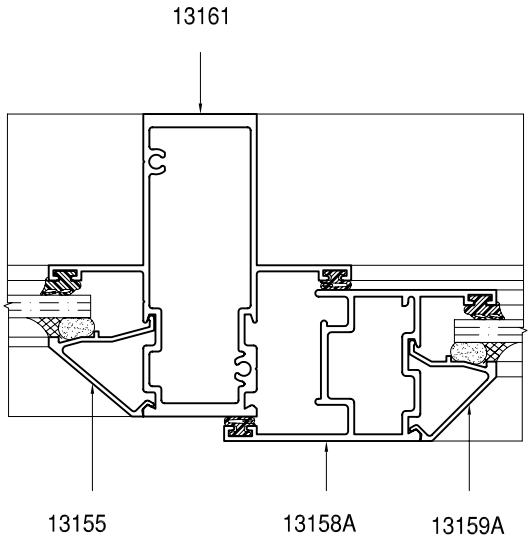

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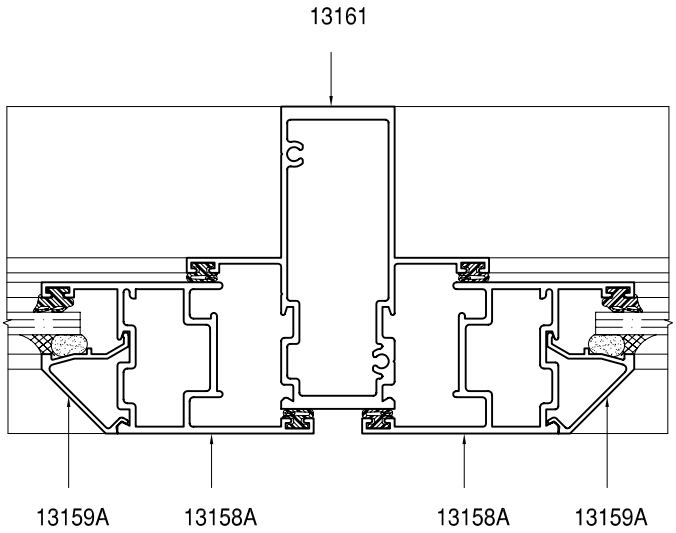

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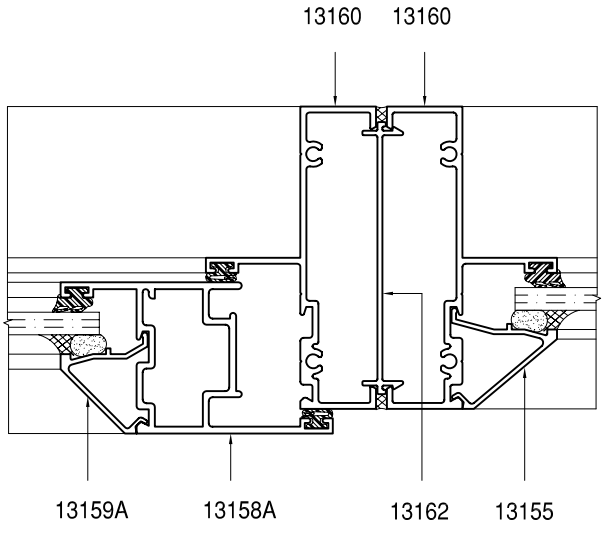
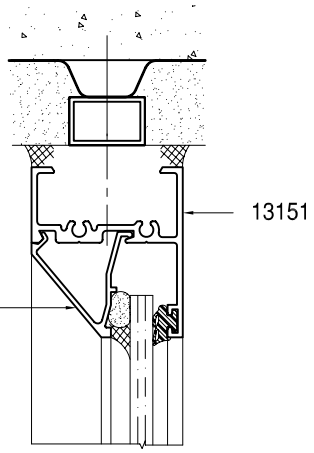


15

16



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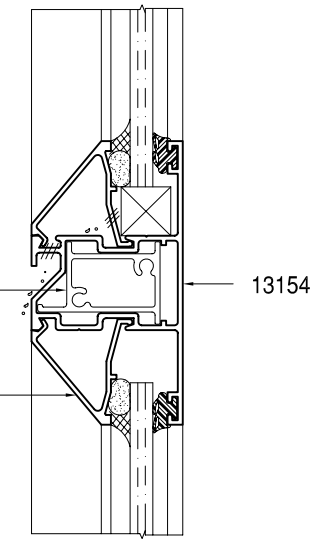

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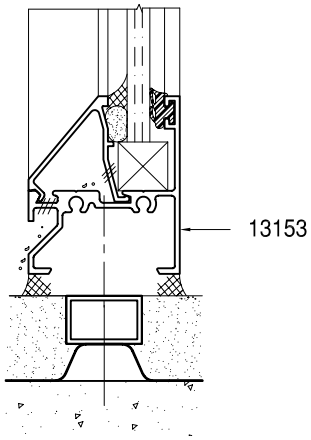

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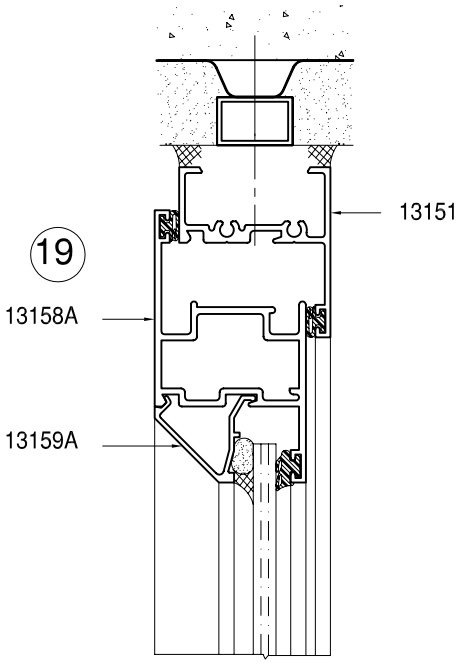

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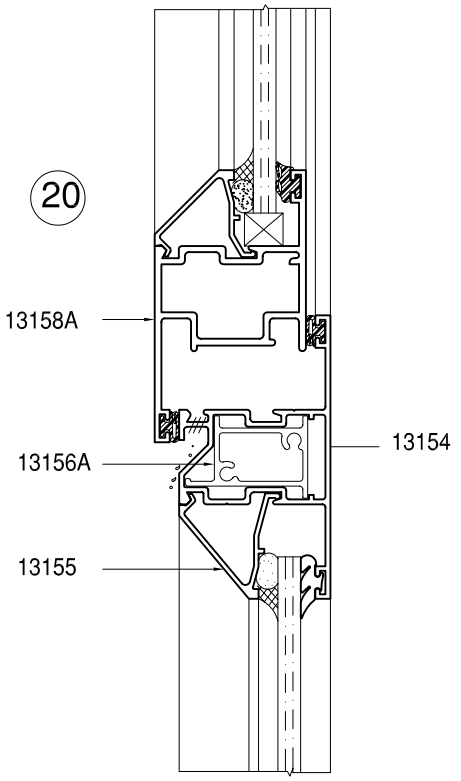
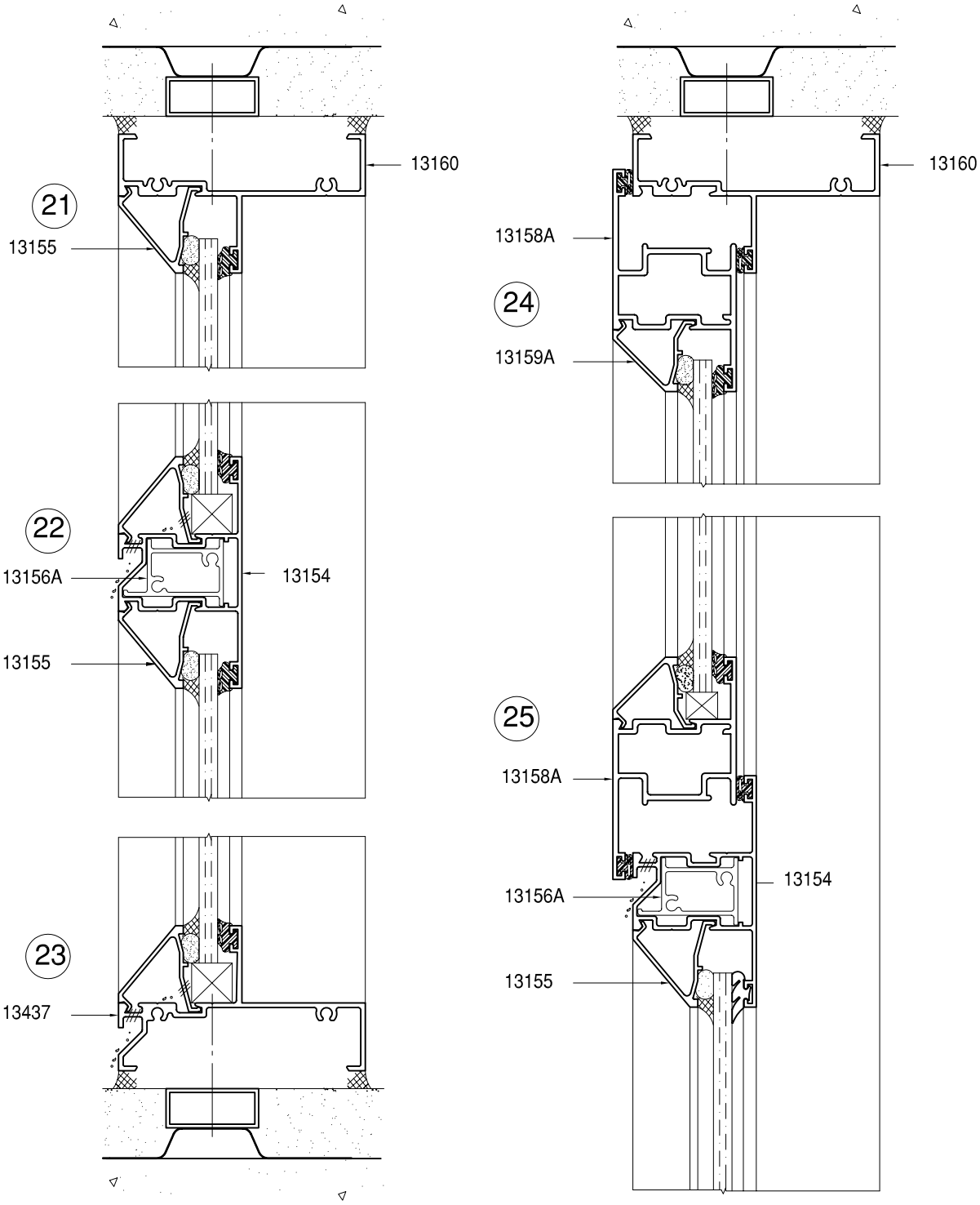
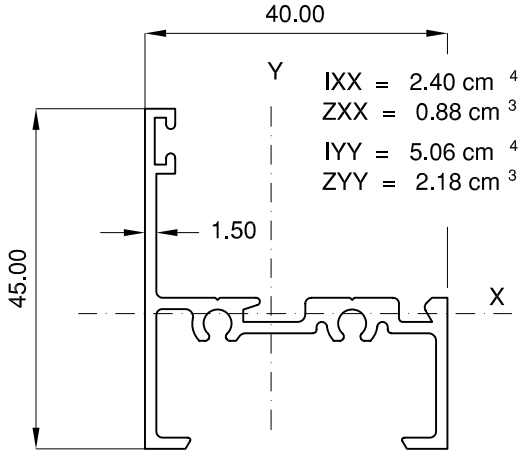
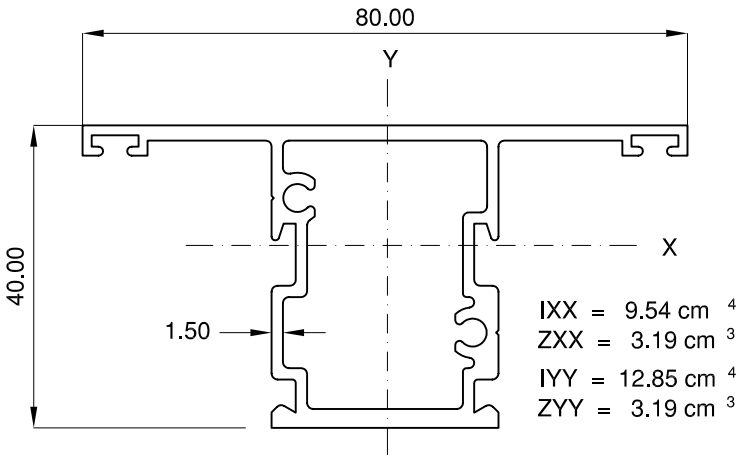






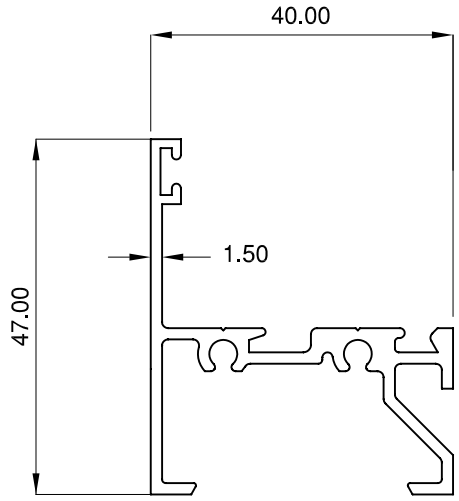
13151

WT : 0.607 Kg/m
AP : 275.38 mm



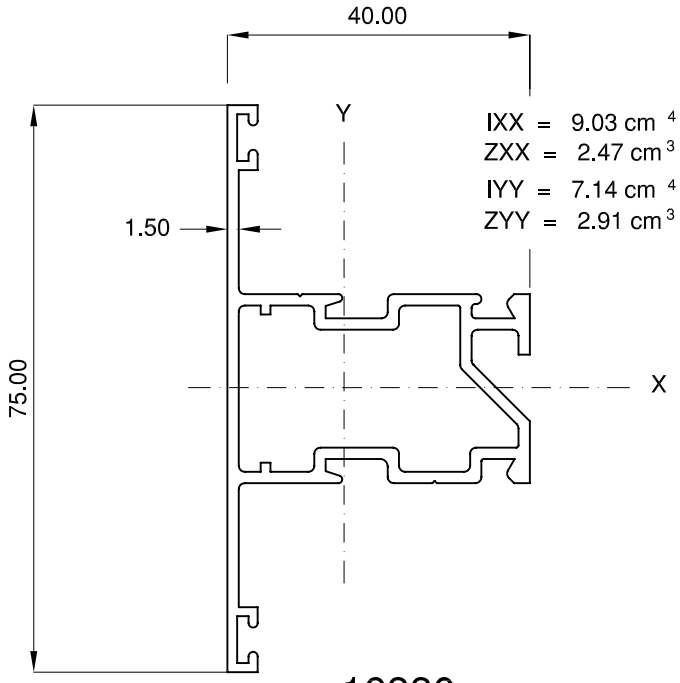
13152

WT : 1.117 Kg/m
AP : 299.95 mm



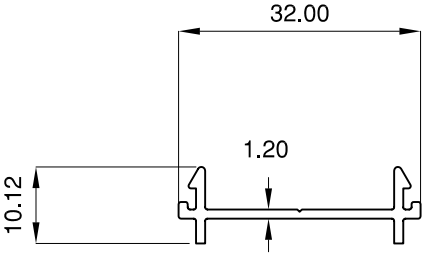
16879

WT : 0.662 Kg/m
AP : 294.71 mm



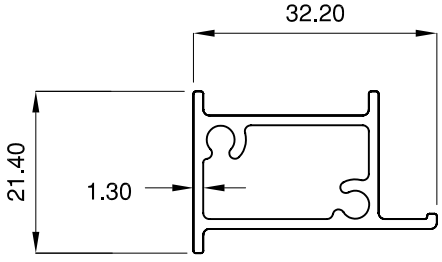
16880

WT : 0.917 Kg/m
AP : 310.89 mm



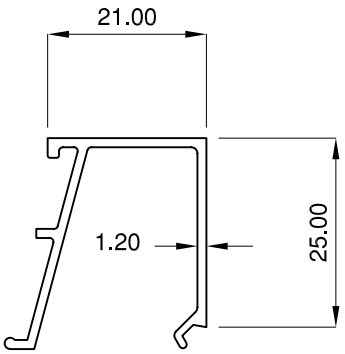
13157

WT : 0.173 Kg/m
AP : 105.42 mm



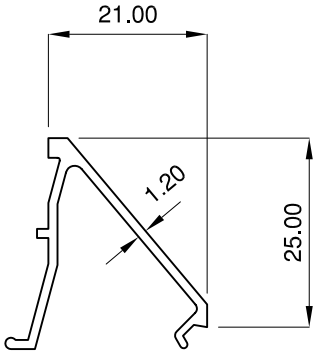
13156A

WT : 0.380 Kg/m
AP : 112.12 mm



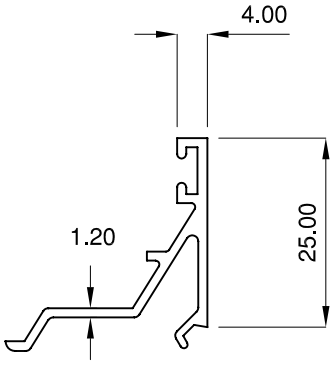
15033

WT : 0.275 Kg/m
AP : 167.93 mm



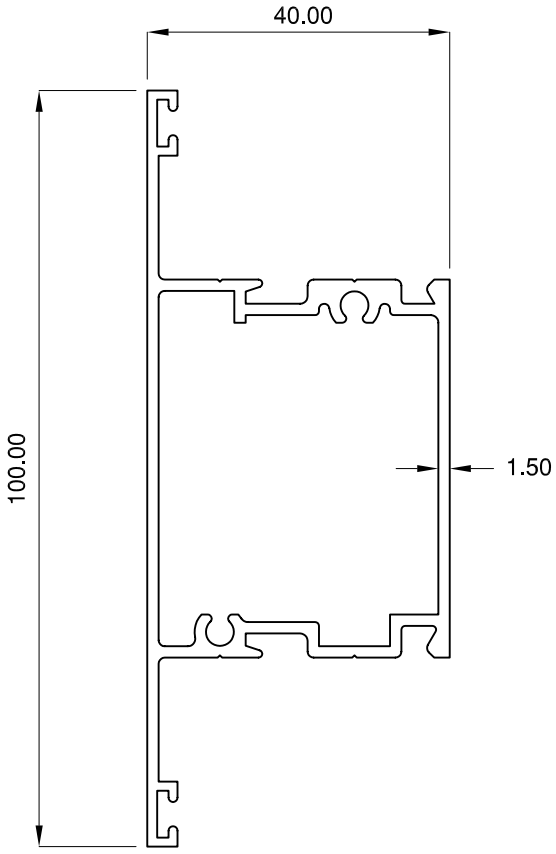
13155

WT : 0.234 Kg/m
AP : 137.02 mm



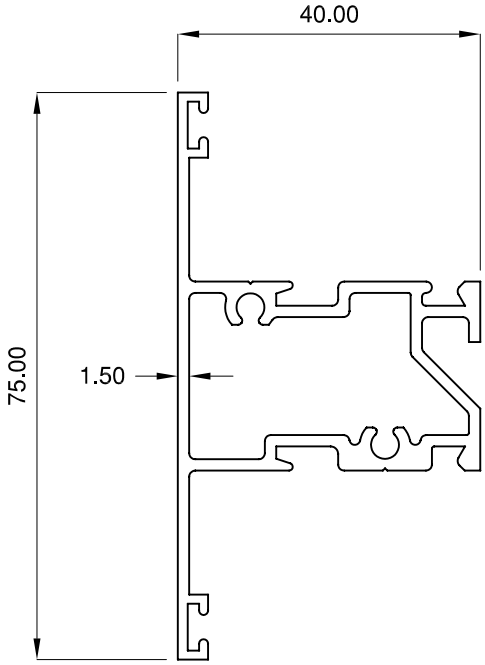
17234

WT : 0.260 Kg/m
AP : 146.00 mm



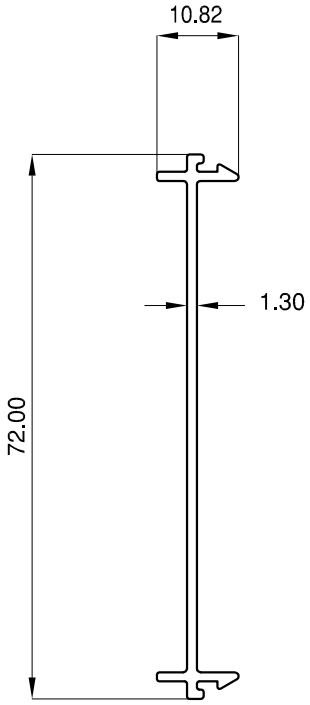
15975

WT : 1.156 Kg/m
AP : 344.32 mm



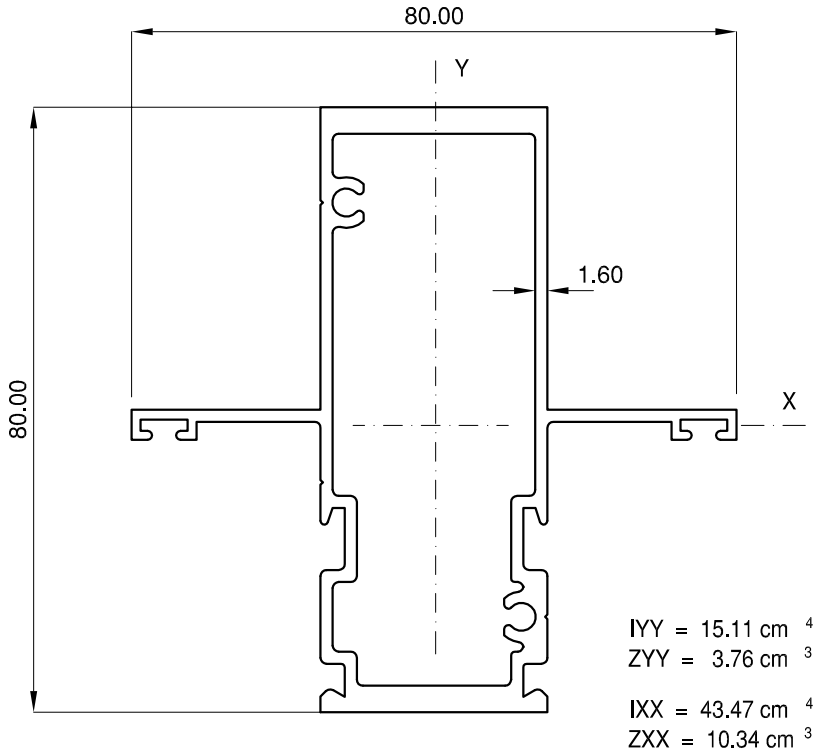
17357

WT : 1.006 Kg/m
AP : 310.80 mm



13162

WT : 0.326 Kg/m
AP : 186.42 mm

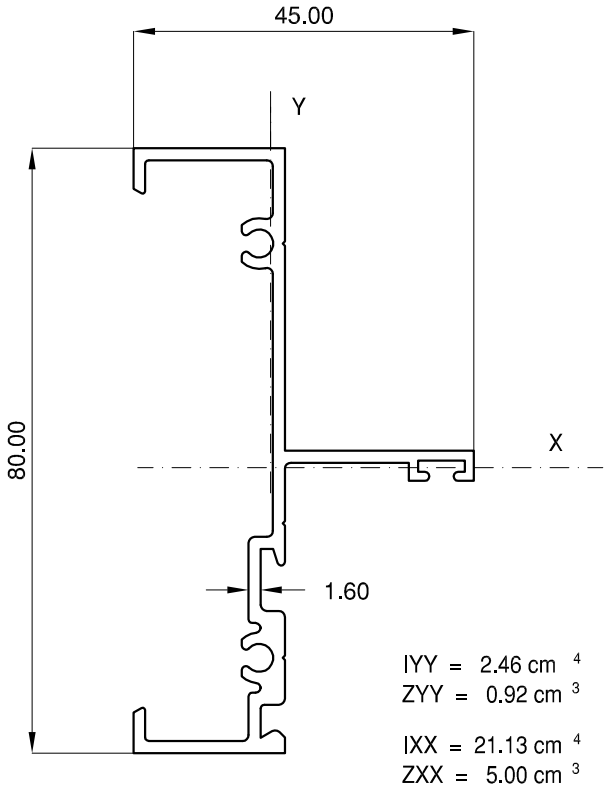


IYY = 15.11 cm ^{4}
ZYY = 3.76 cm ^{3}

IXX = 43.47 cm ^{4}
ZXX = 10.34 cm ^{3}

13161

WT : 1.622 Kg/m
AP : 381.80 mm

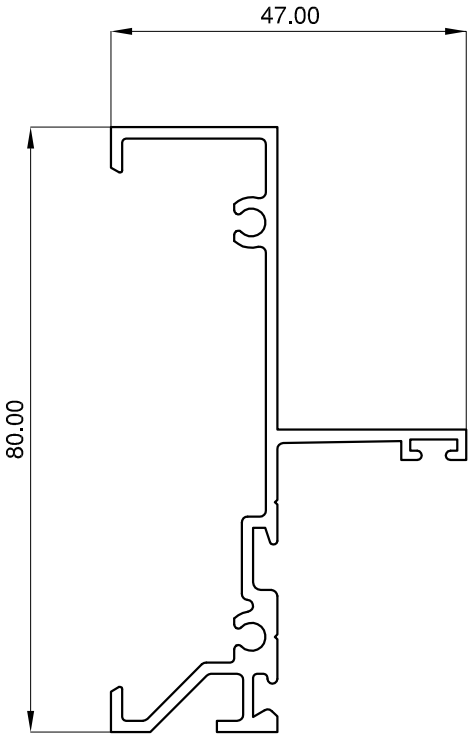


IYY = 2.46 cm ^{4}
ZYY = 0.92 cm ^{3}

IXX = 21.13 cm ^{4}
ZXX = 5.00 cm ^{3}

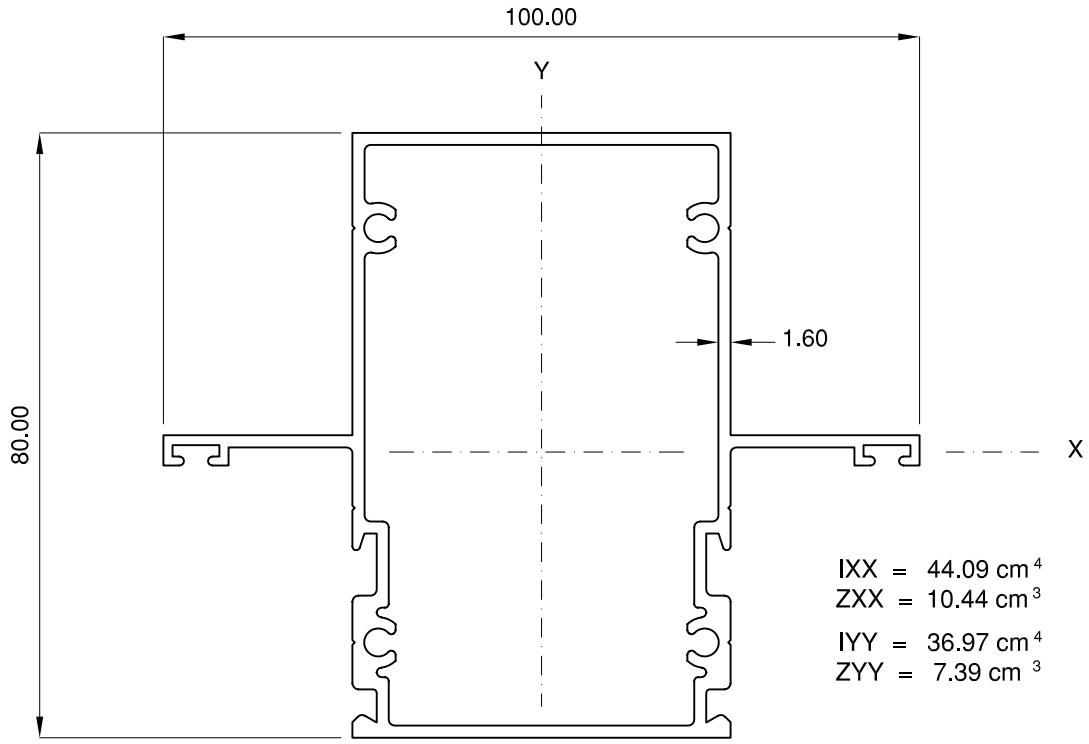
13160

WT : 0.810 Kg/m
AP : 361.23 mm



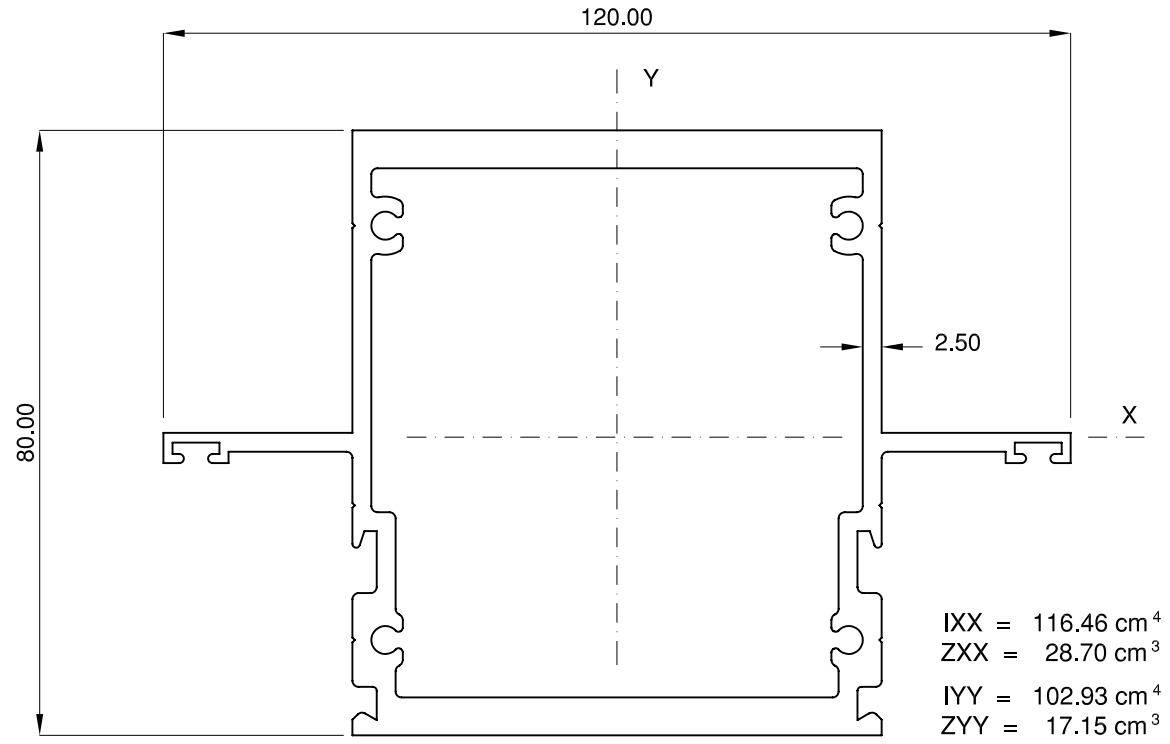
13437

WT : 0.826 Kg/m
AP : 380.16 mm



15974

WT : 1.646 Kg/m
AP : 422.54 mm



16396

WT = 3.587 KG/M
AP = 458.94 mm

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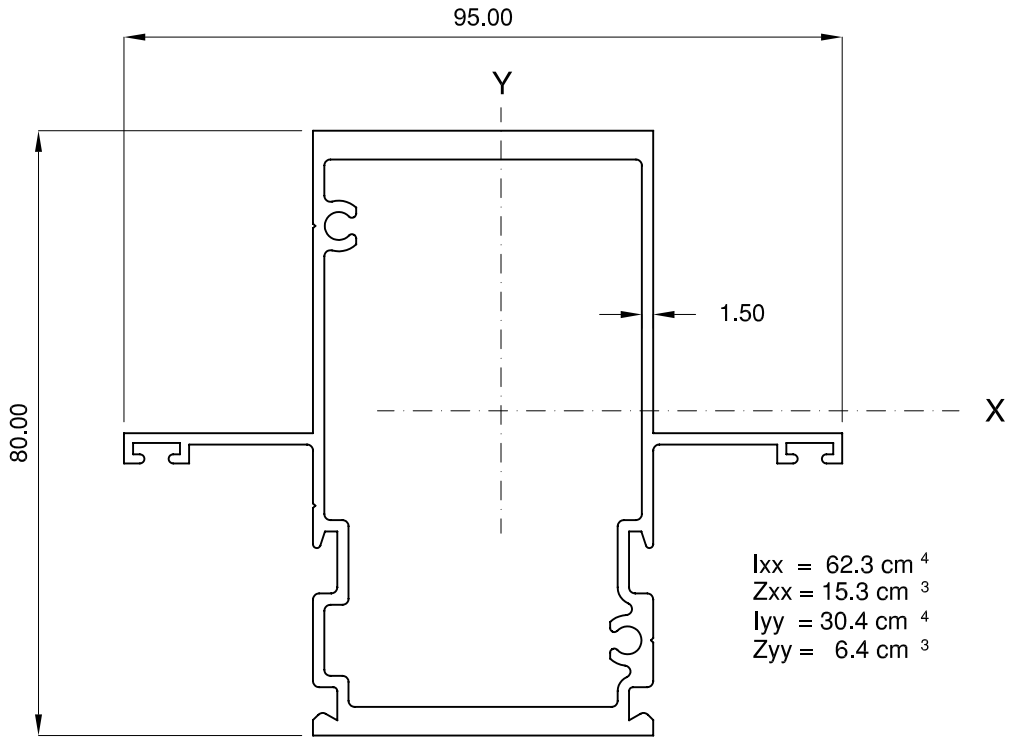
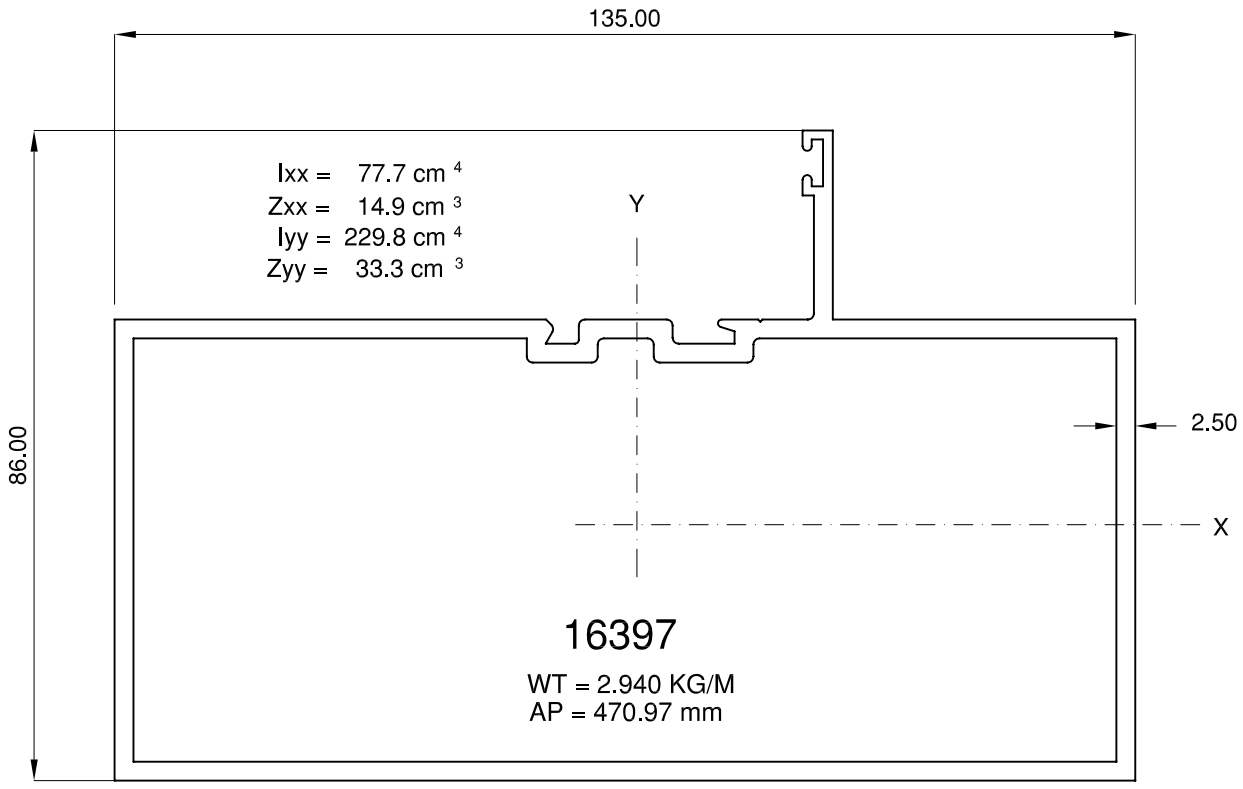


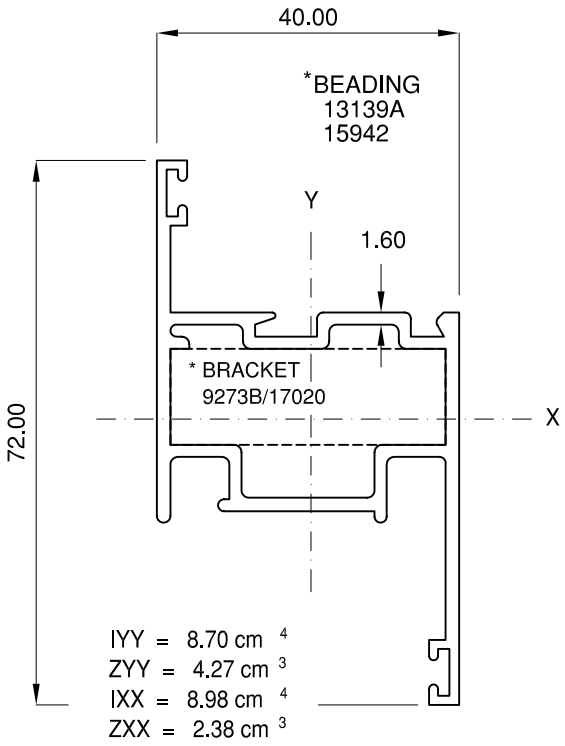
17795

WT : 1.920 Kg/m
AP : 412.20 mm



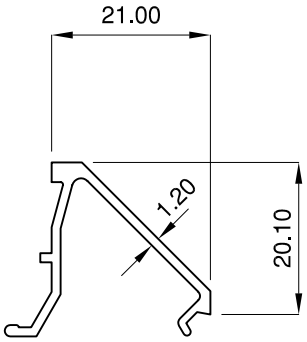
16397

WT = 2.940 KG/M
AP = 470.97 mm



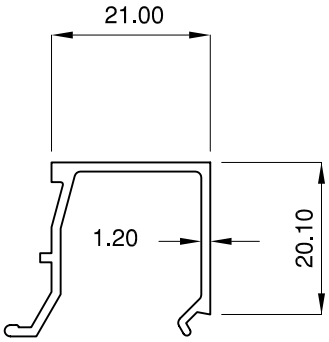
13158A

WT : 0.984 Kg/m
AP : 304.74 mm



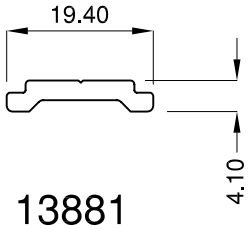
13159A

WT : 0.213 Kg/m
AP : 124.64 mm



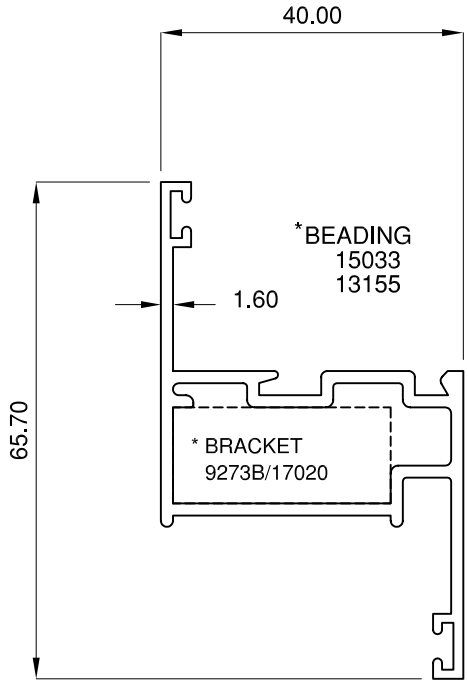
15942

WT : 0.243 Kg/m
AP : 144.01 mm



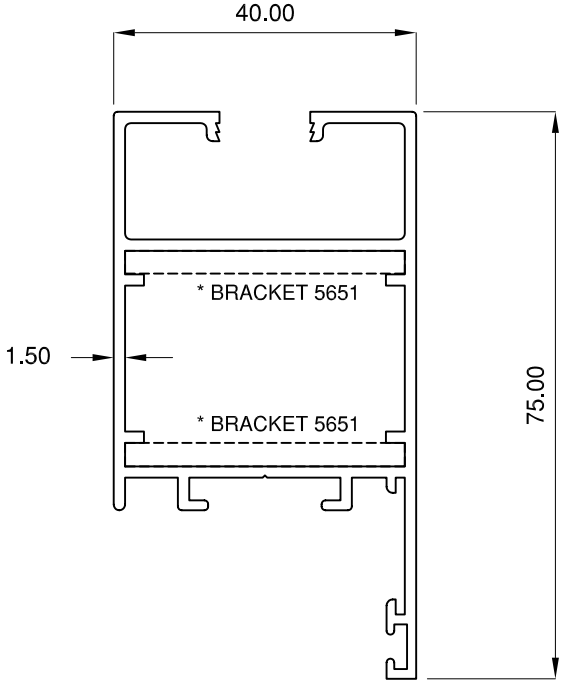
13881

WT : 0.144 Kg/m
AP : 46.62 mm



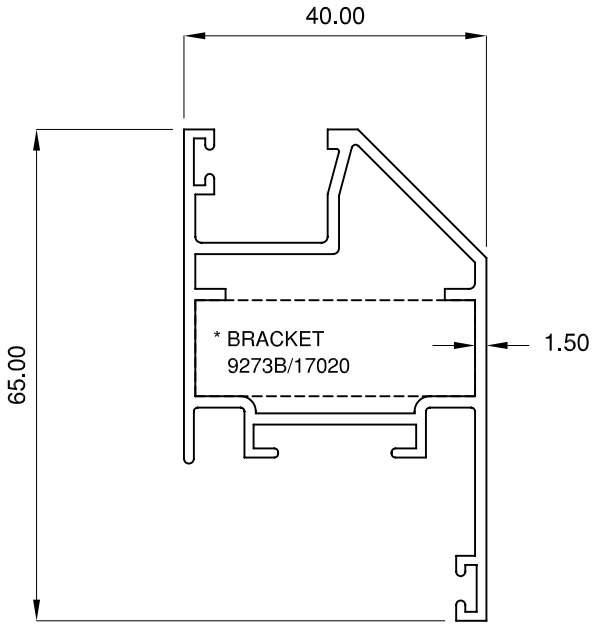
15032

WT : 0.828 Kg/m
AP : 272.78 mm



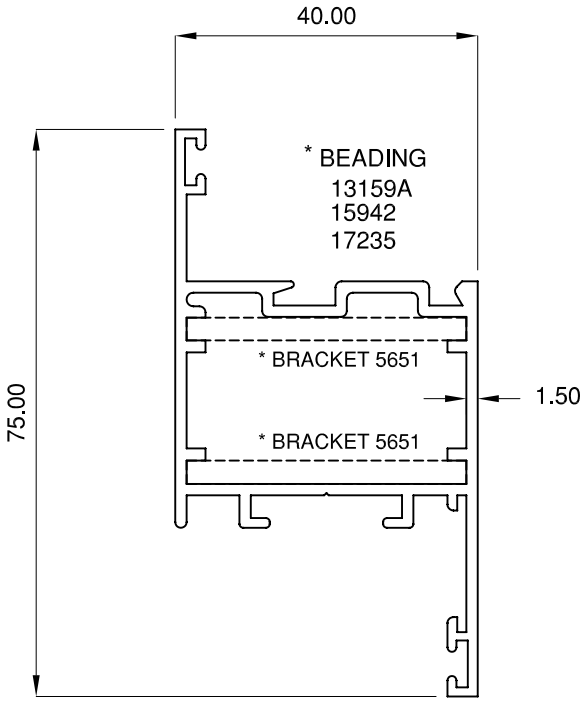
15412A

WT : 1.064 Kg/m
AP : 378.84 mm



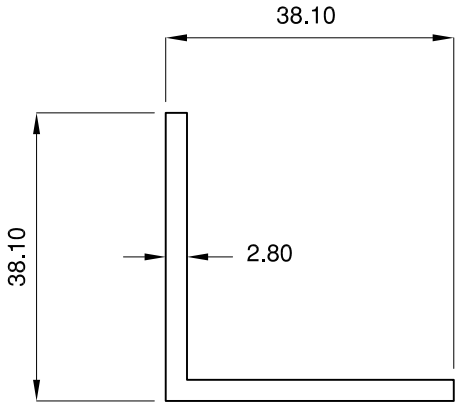
16918A

WT : 0.910 Kg/m
AP : 309.10 mm



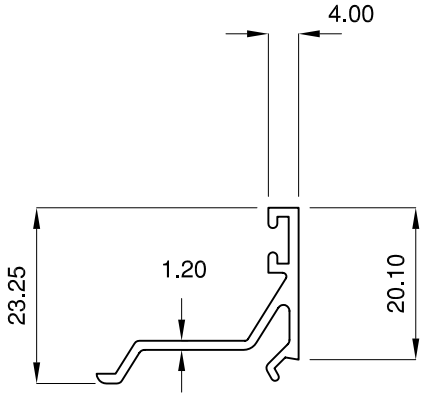
17223

WT : 0.981 Kg/m
AP : 319.15 mm



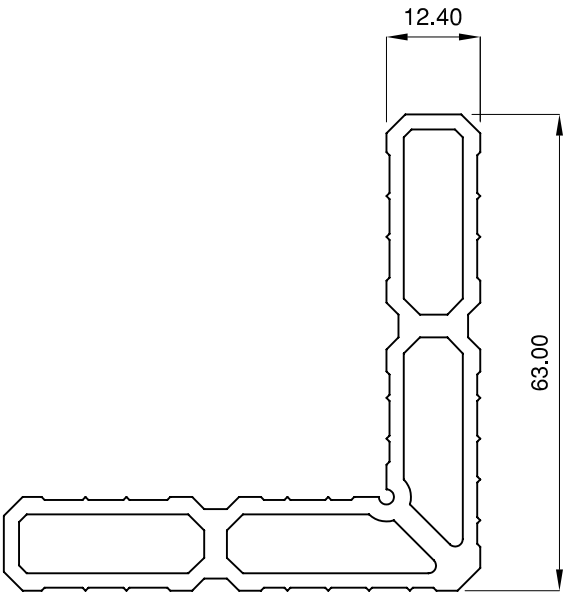
5651

WT : 0.557 Kg/m
AP : 152.40 mm



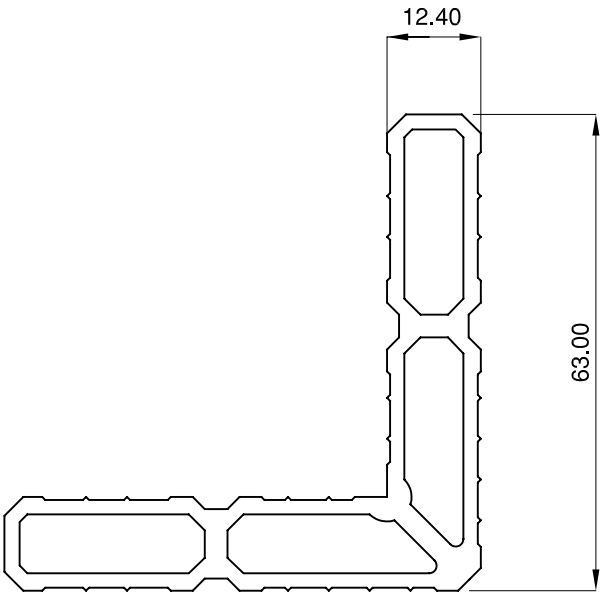
17235

WT : 0.225 Kg/m
AP : 126.76 mm



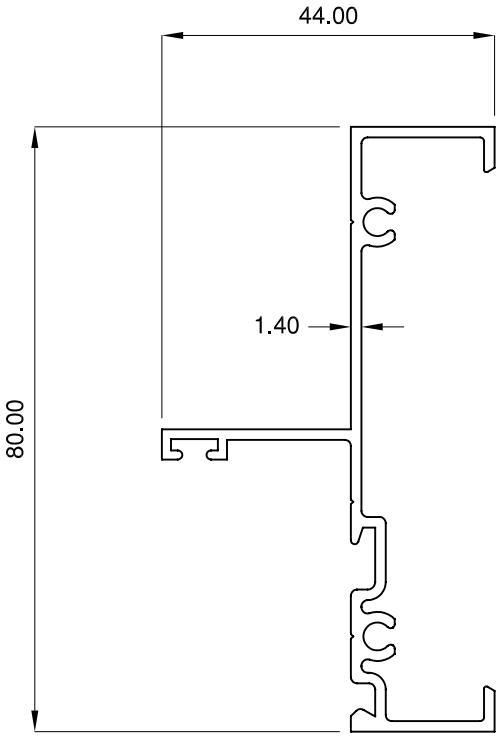
9273B

WT : 1.522 Kg/m
AP : 261.68 mm



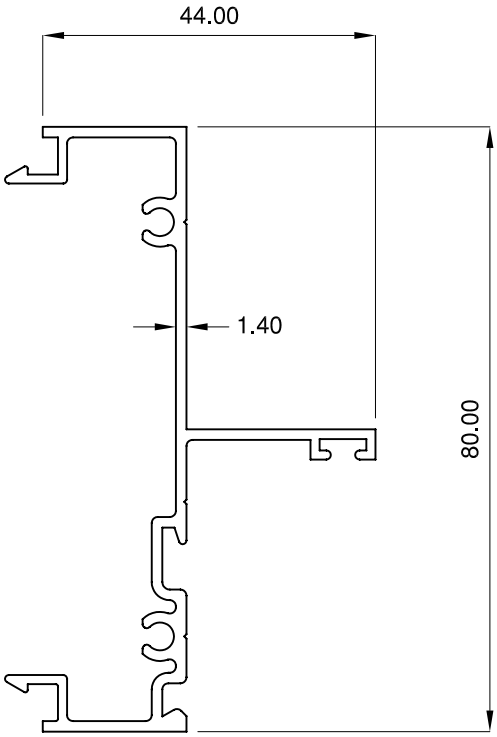
17020

WT : 1.528 Kg/m
AP : 258.97 mm



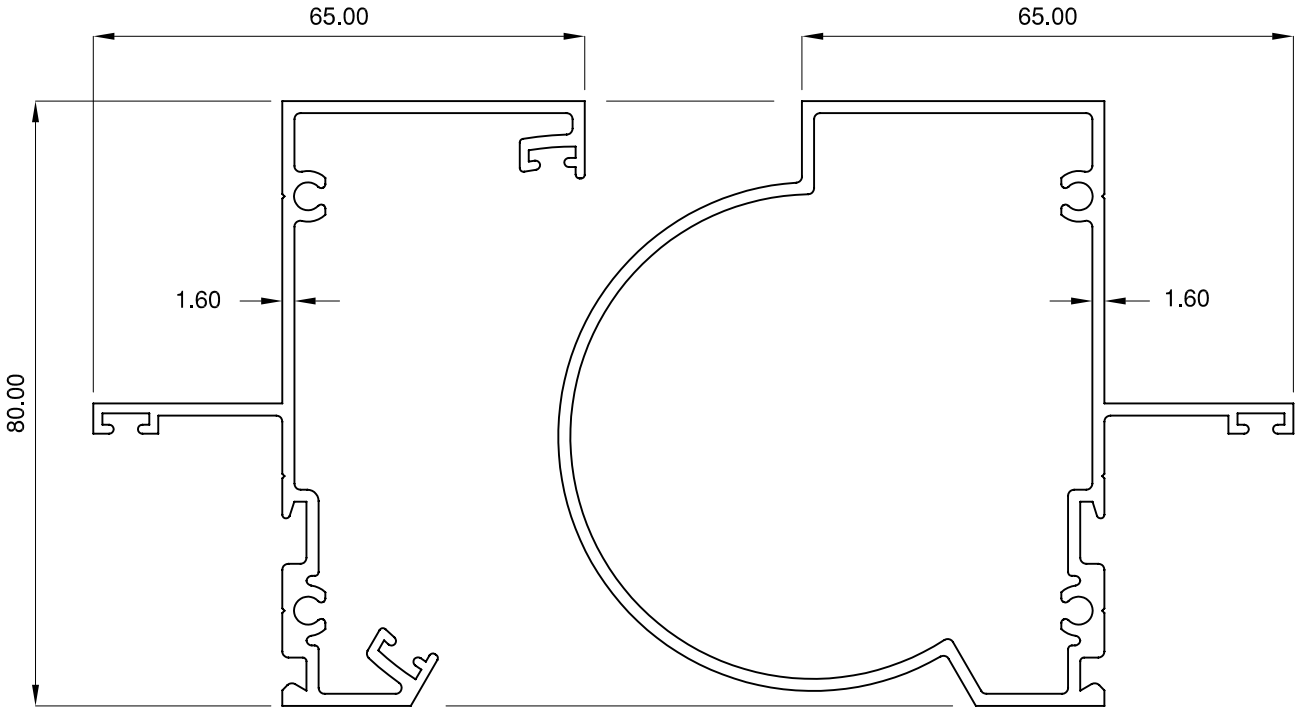
CW1094

WT : 0.719 Kg/m
AP : 364.66 mm



CW1093

WT : 0.778 Kg/m
AP : 400.22 mm

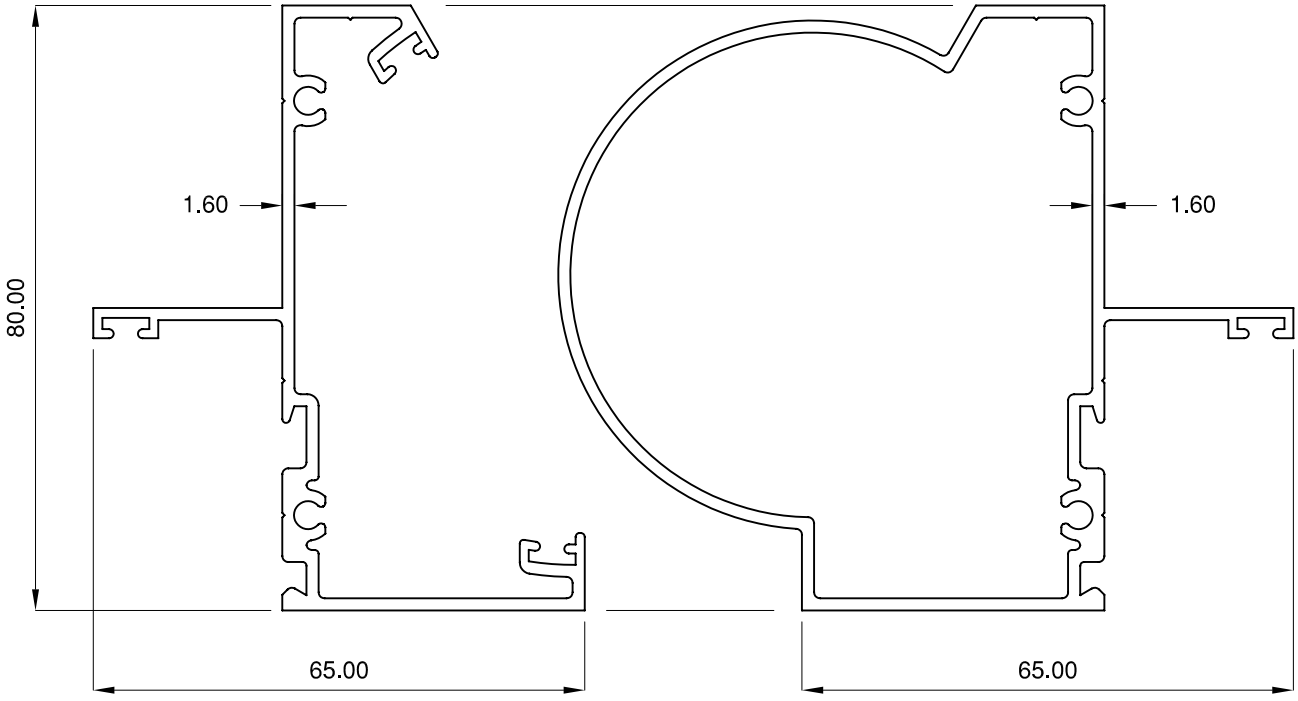


16496

WT : 1.027 Kg/m
AP : 455.92 mm

16497

WT : 1.501 Kg/m
AP : 359.18 mm

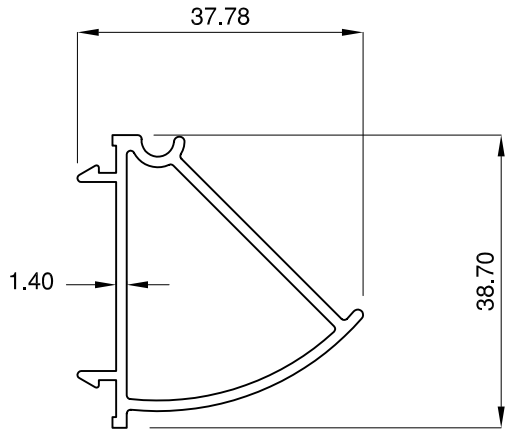


16498

WT : 1.037Kg/m
AP : 454.37 mm

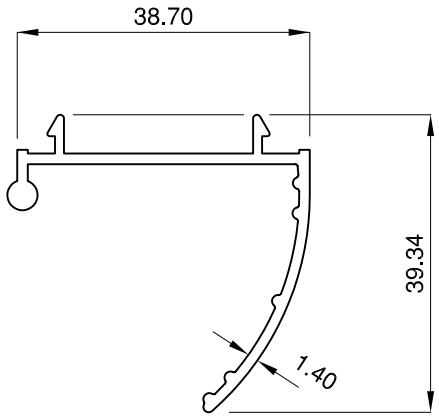
16499

WT : 1.501 Kg/m
AP : 359.18 mm



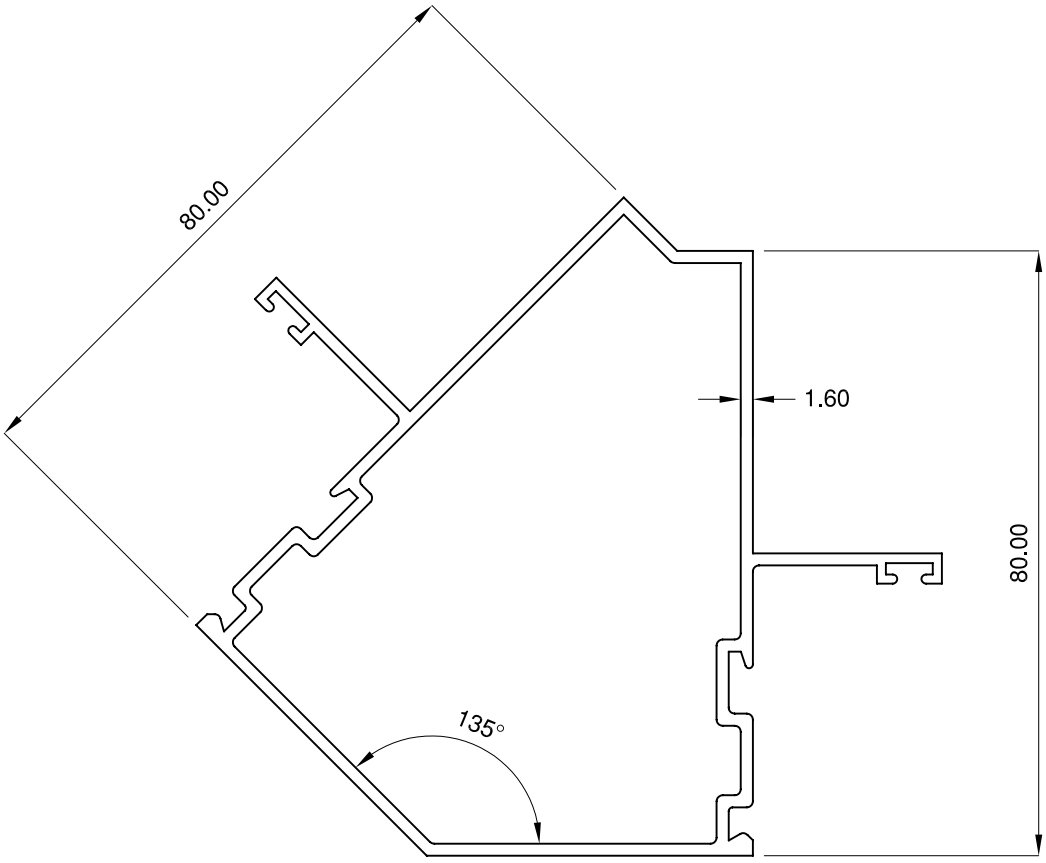
13205

WT : 0.478 Kg/m
AP : 149.83 mm



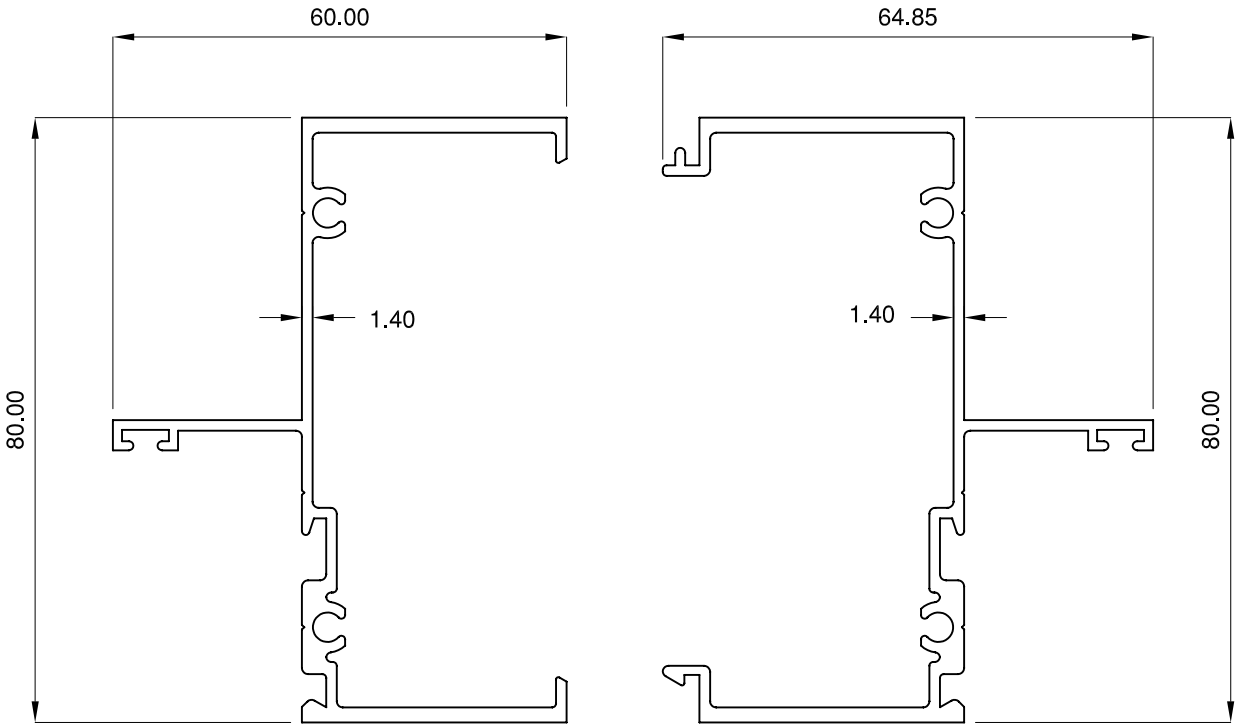
13204

WT : 0.383 Kg/m
AP : 193.67 mm



18388

WT : 1.498 Kg/m
AP : 427.55 mm

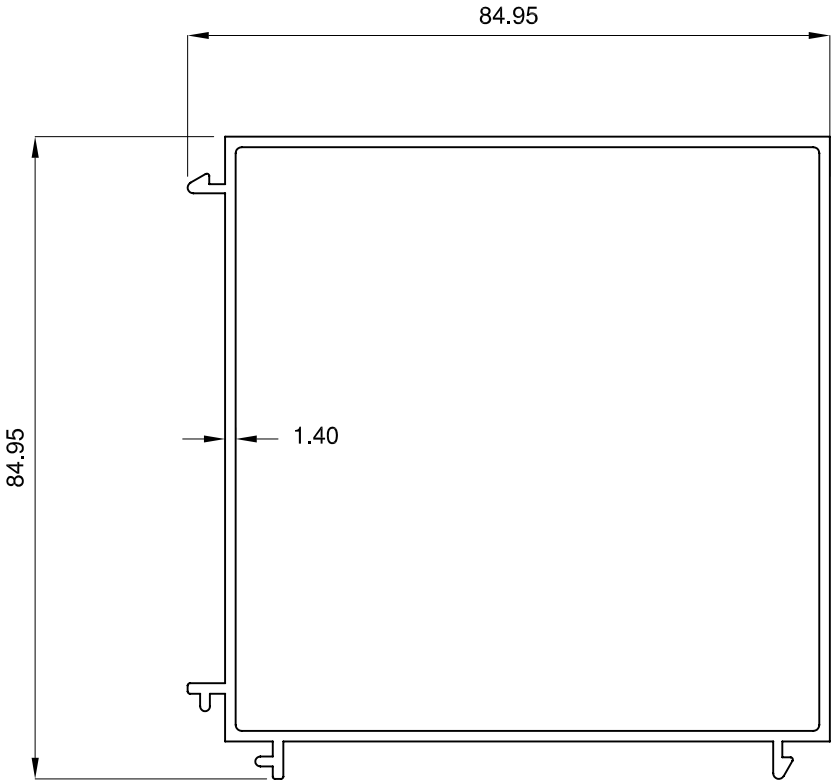


18391

WT : 0.958 Kg/m
AP : 420.84 mm

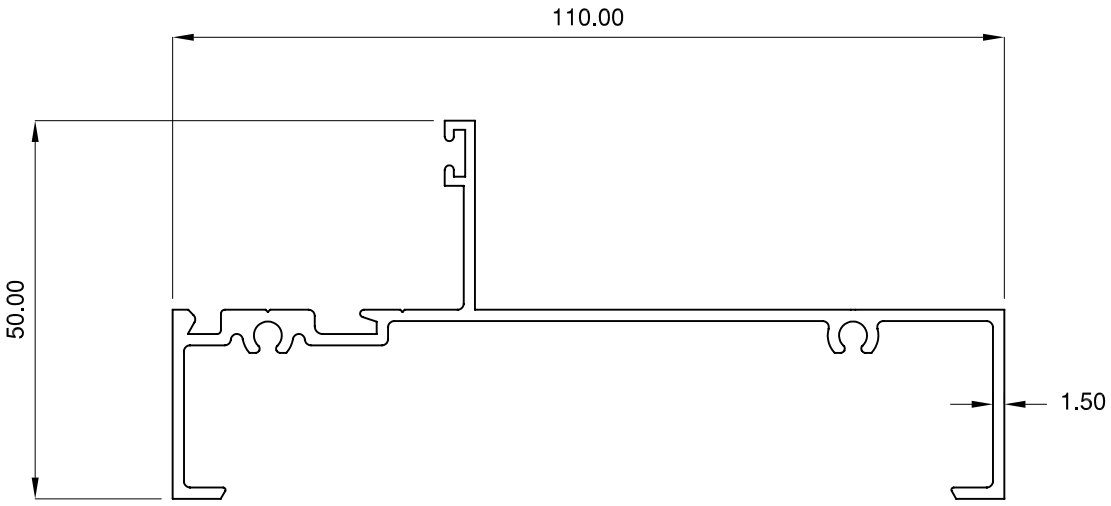
18392

WT : 1.019 Kg/m
AP : 451.68 mm



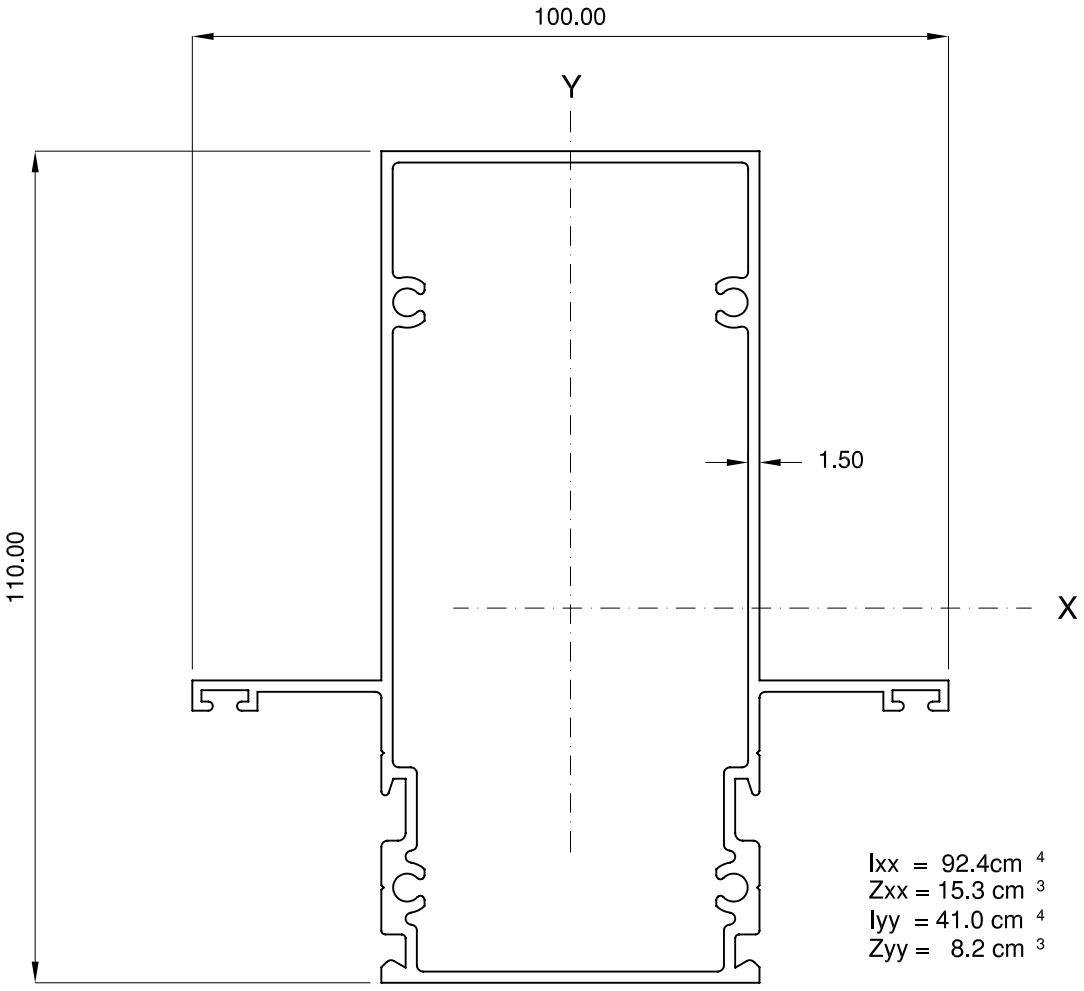
18394

WT : 1.290 Kg/m
AP : 369.65 mm



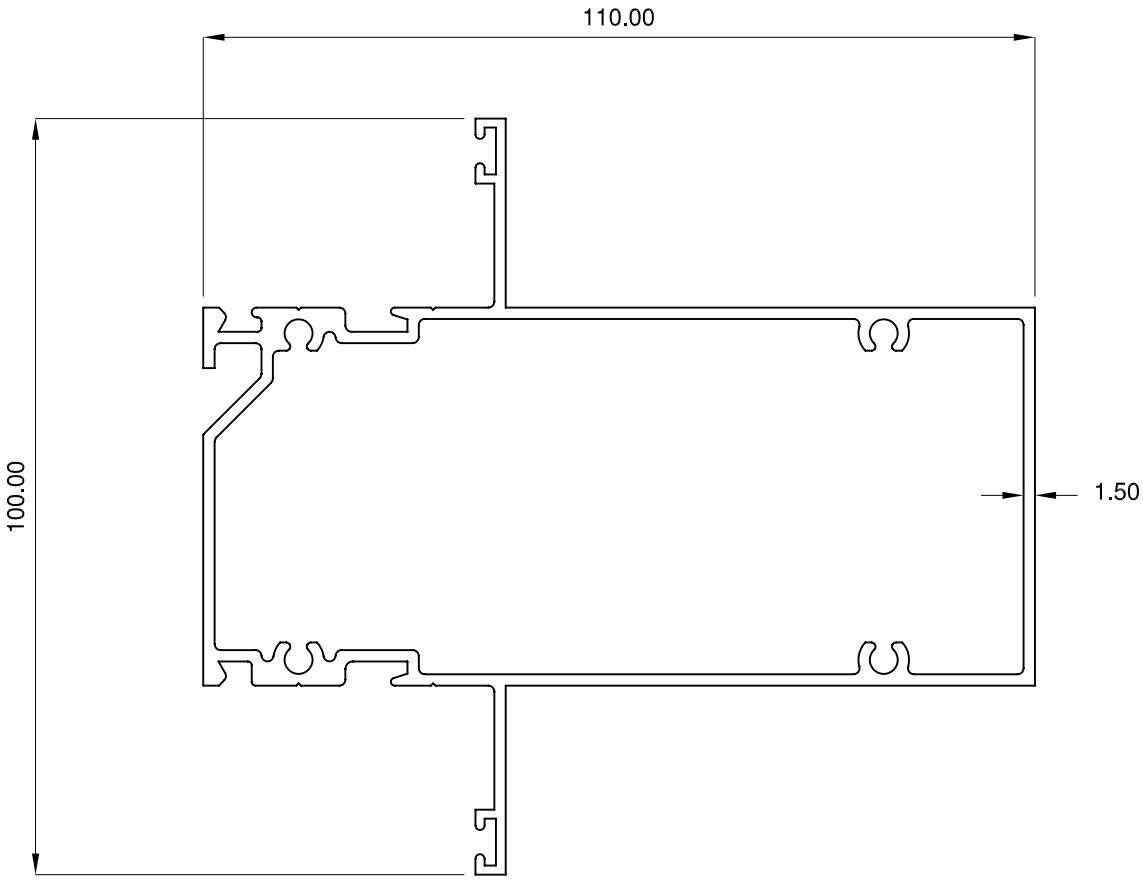
17569

WT : 0.981 Kg/m
AP : 444.76 mm



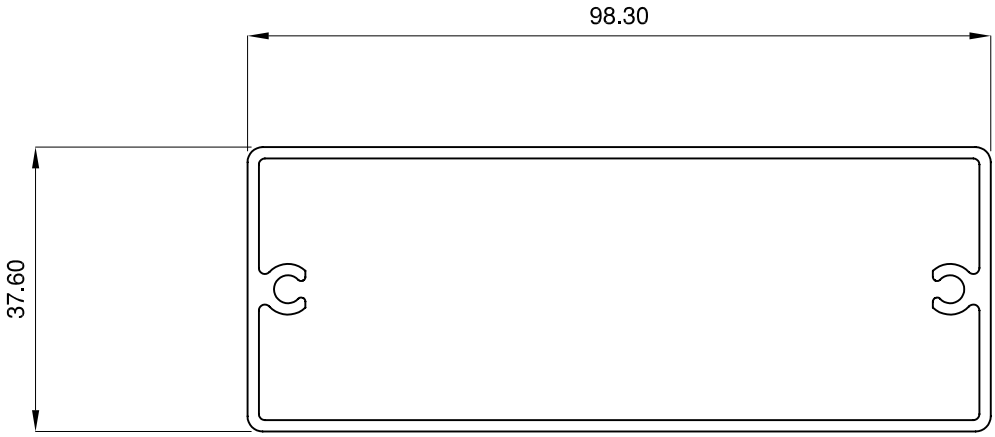
17567

WT : 1.872 Kg/m
AP : 482.53 mm



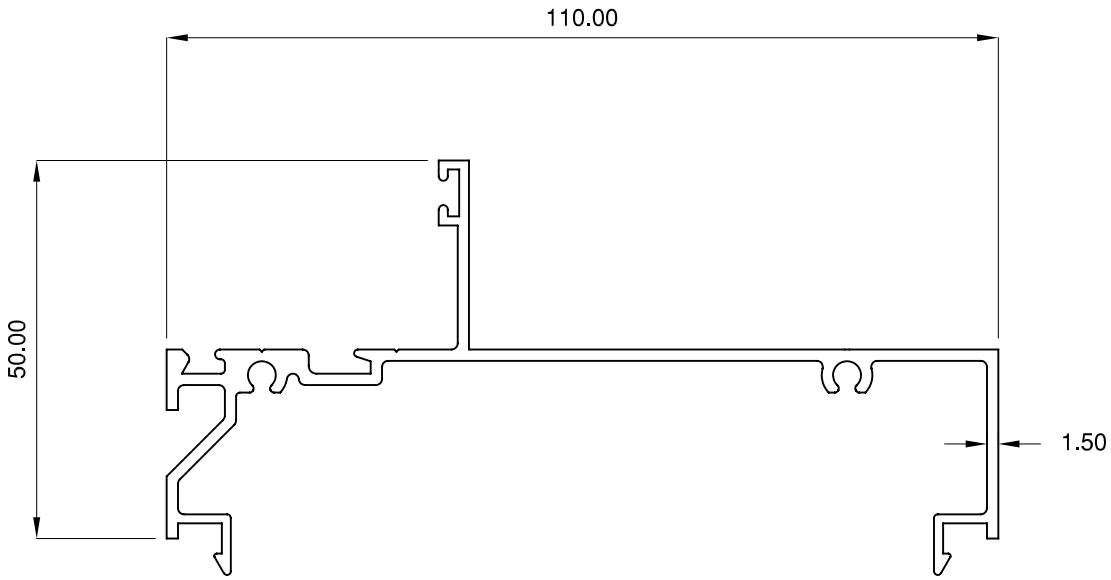
17568

WT : 1.901 Kg/m
AP : 501.43 mm



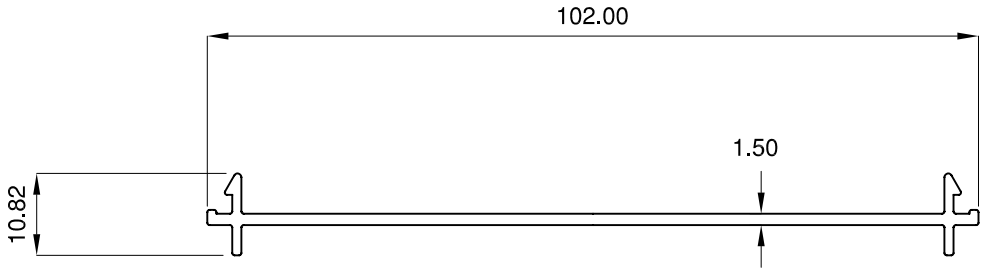
17572

WT : 1.232 Kg/m
AP : 268.37 mm



17570

WT : 1.064 Kg/m
AP : 490.99 mm



17573

WT : 0.498 Kg/m
AP : 245.11 mm

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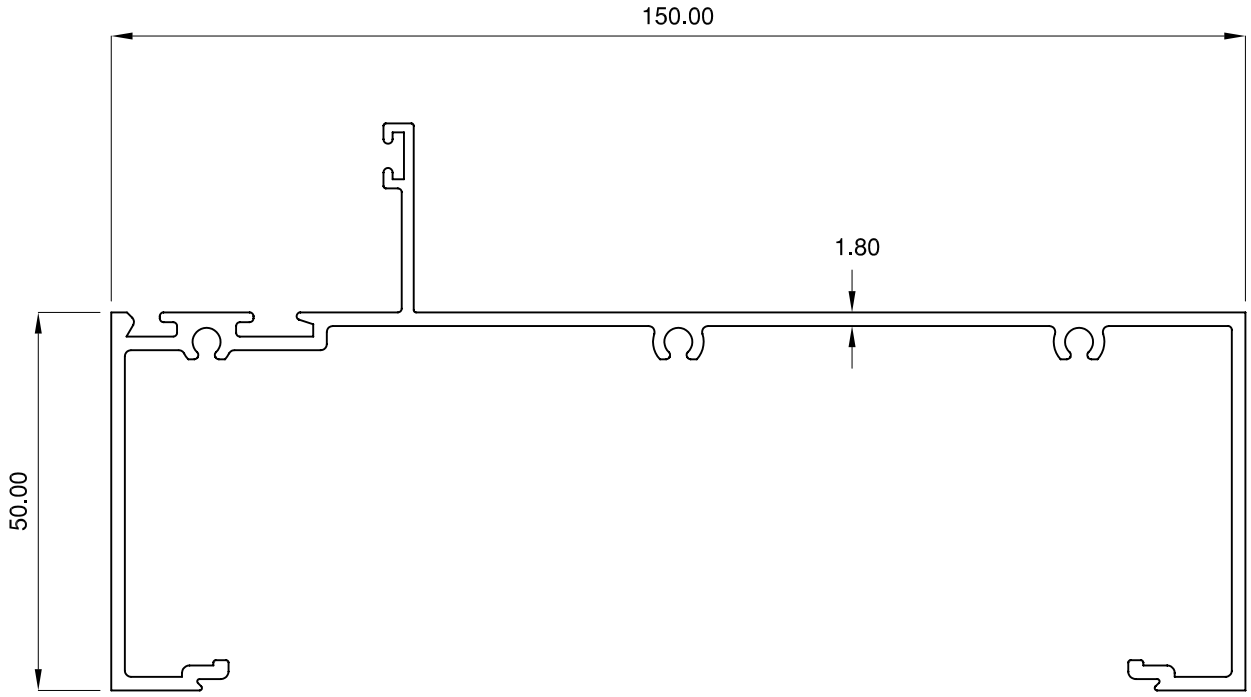
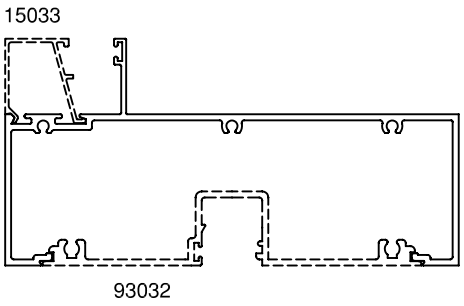


PMB3051

WT : 1.674 Kg/m
AP : 685.94 mm



N.T.S mating

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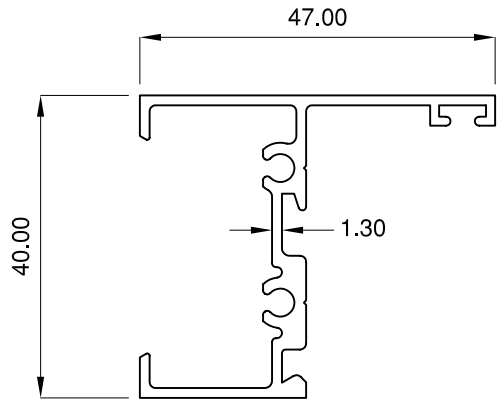
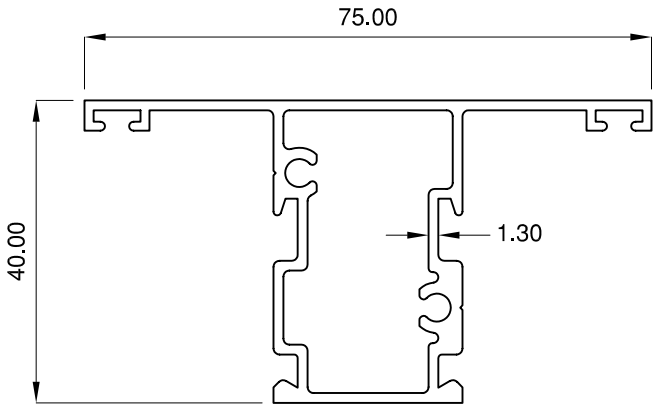


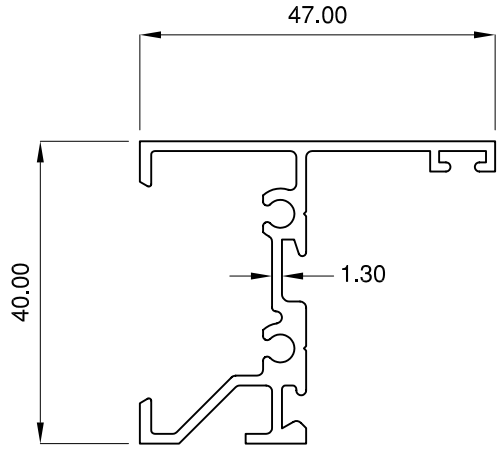
15971

WT : 0.581 Kg/m
AP : 248.66 mm



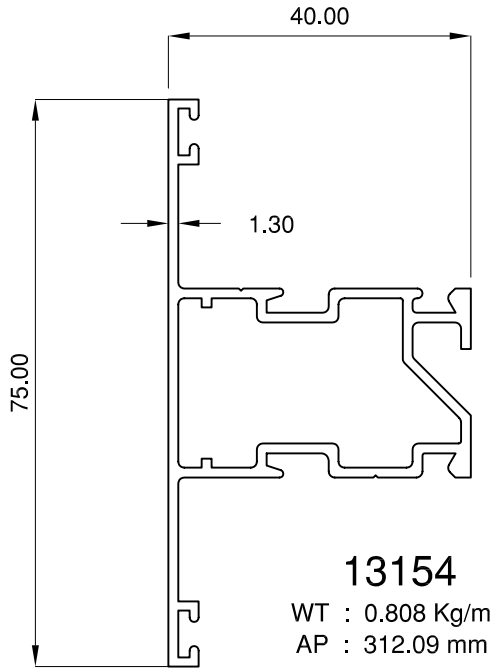
15970

WT : 0.868 Kg/m
AP : 292.75 mm



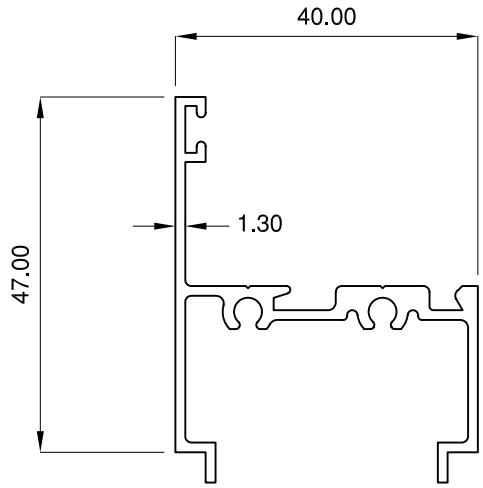
13153

WT : 0.607 Kg/m
AP : 296.62 mm



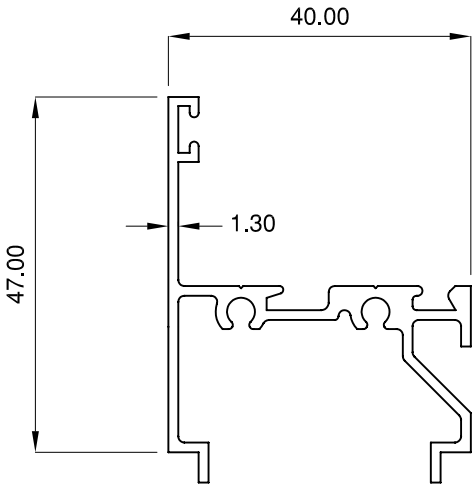
13154

WT : 0.808 Kg/m
AP : 312.09 mm



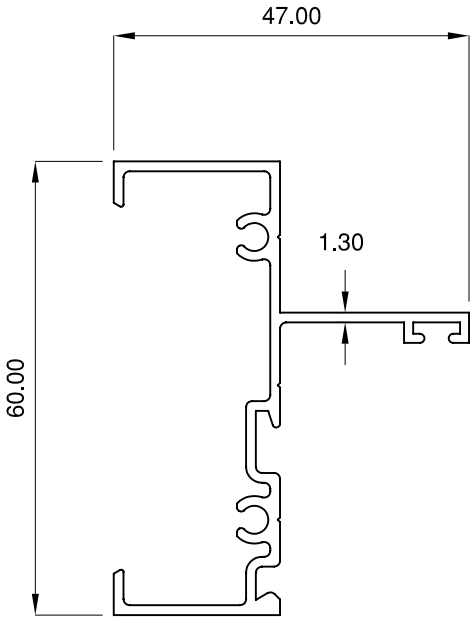
17319

WT : 0.615 Kg/m
AP : 299.36 mm



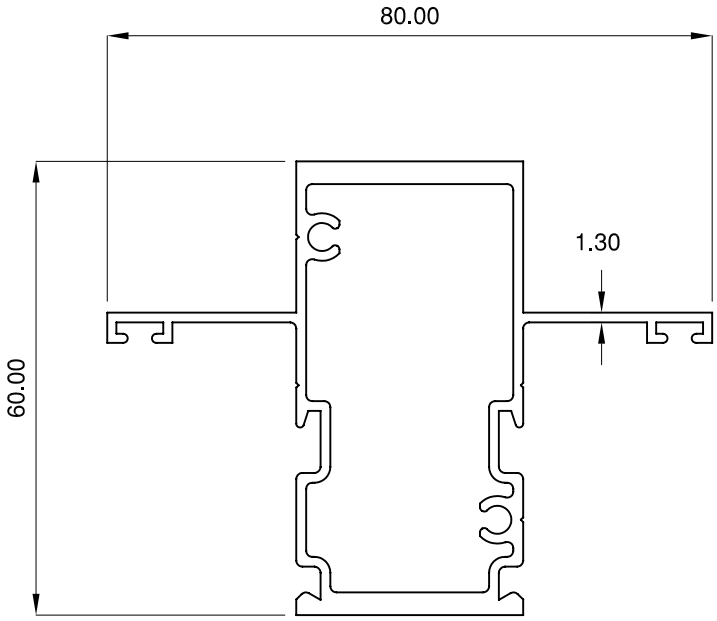
17320

WT : 0.639 Kg/m
AP : 310.77 mm



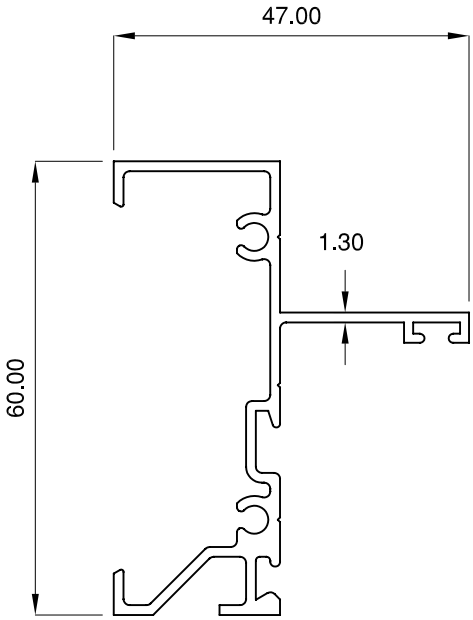
17953

WT : 0.646 Kg/m
AP : 337.49 mm



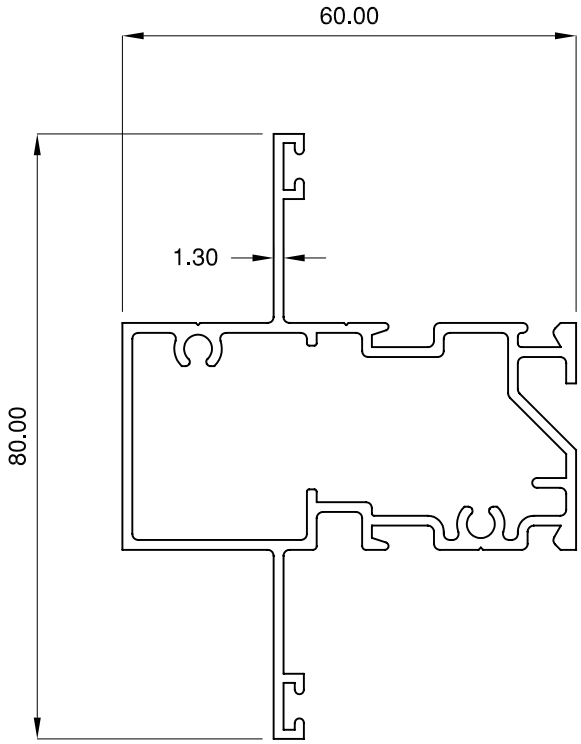
17954

WT : 1.277 Kg/m
AP : 342.99 mm



17955

WT : 0.687 Kg/m
AP : 345.64 mm



17956

WT : 1.136 Kg/m
AP : 370.41 mm

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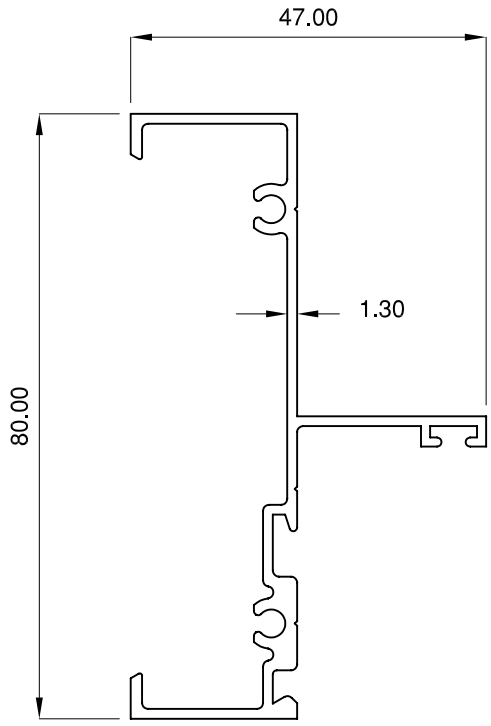
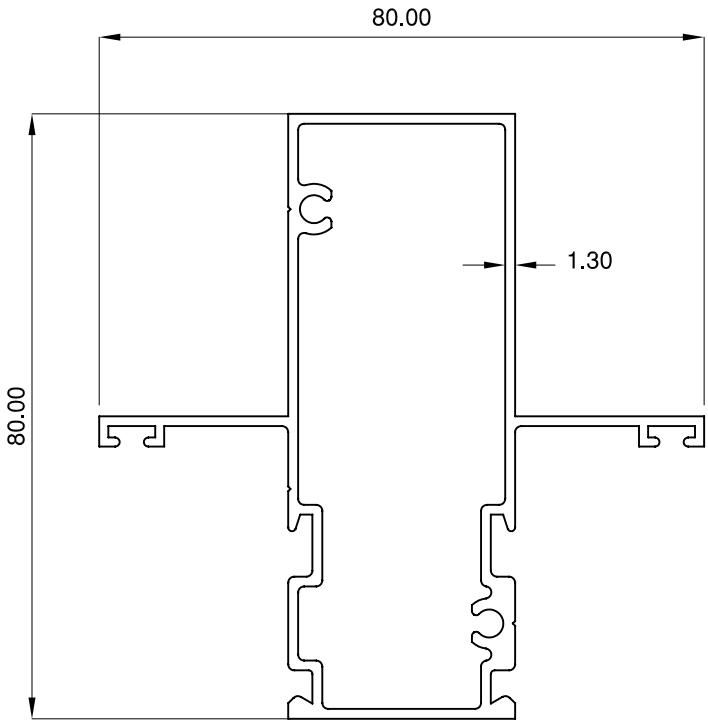


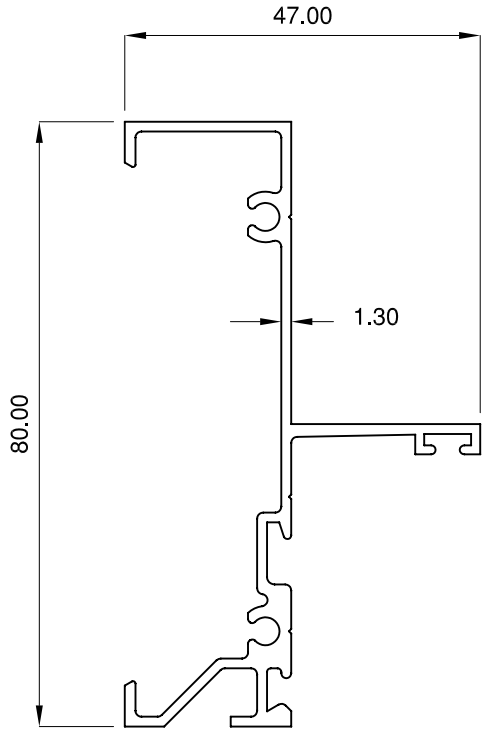
16737

WT : 0.756 Kg/m
AP : 370.99 mm



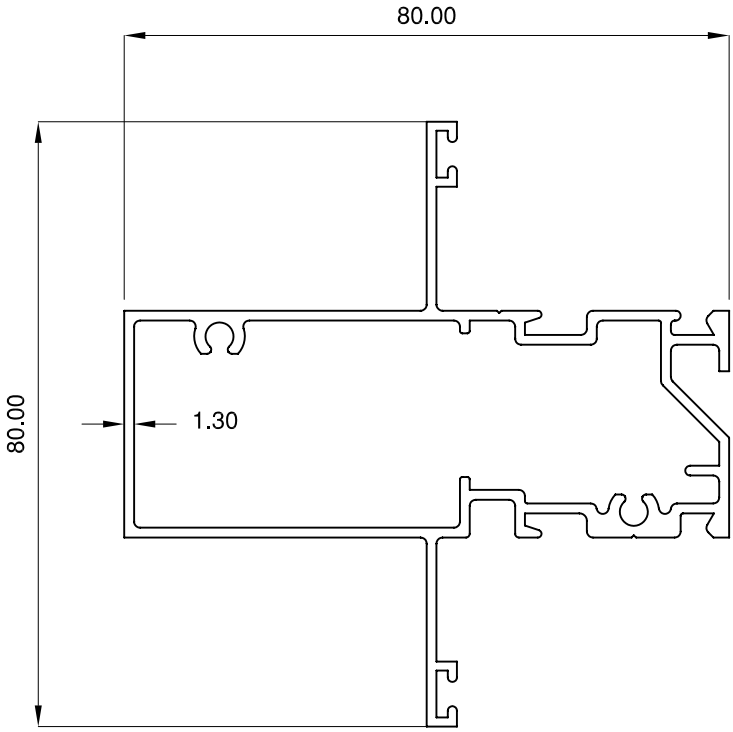
16736

WT : 1.229 Kg/m
AP : 383.00 mm



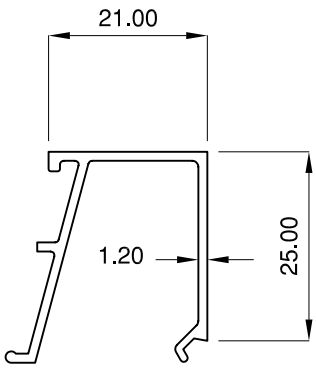
16738

WT : 0.791 Kg/m
AP : 381.79 mm



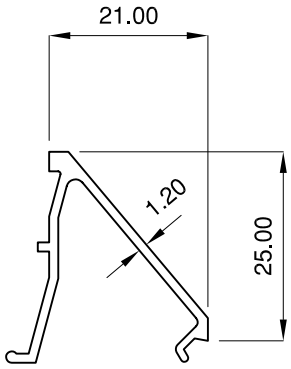
17122A

WT : 1.314 Kg/m
AP : 410.29 mm



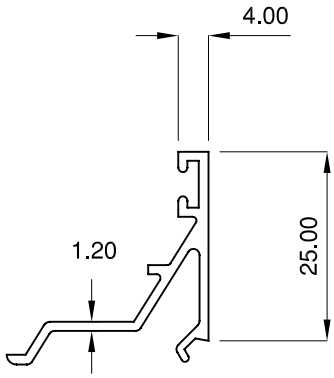
15033

WT : 0.275 Kg/m
AP : 167.93 mm



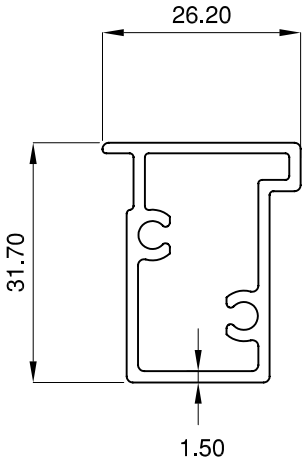
13155

WT : 0.234 Kg/m
AP : 137.02 mm



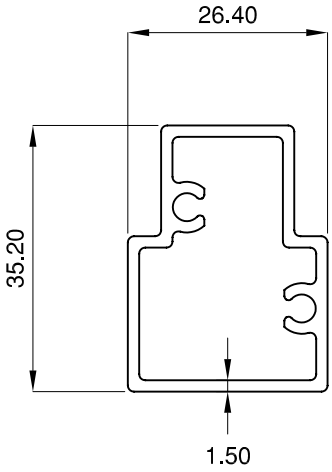
17234

WT : 0.260 Kg/m
AP : 146.00 mm



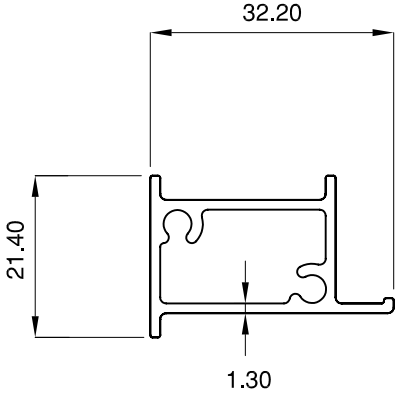
18465

WT : 0.506 Kg/m
AP : 114.82 mm



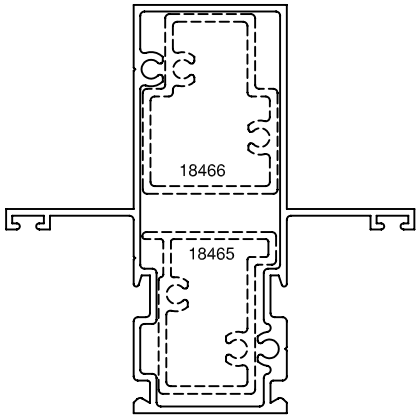
18466

WT : 0.556 Kg/m
AP : 120.45 mm

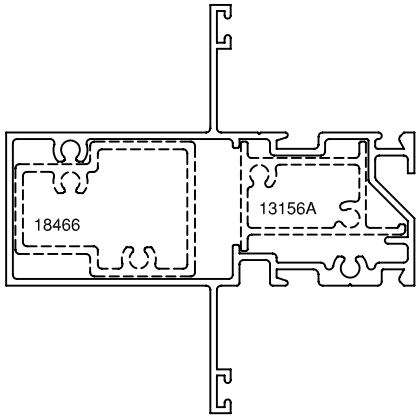


13156A

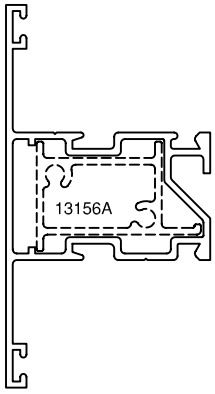
WT : 0.380 Kg/m
AP : 112.12 mm



16736



17122A



13154

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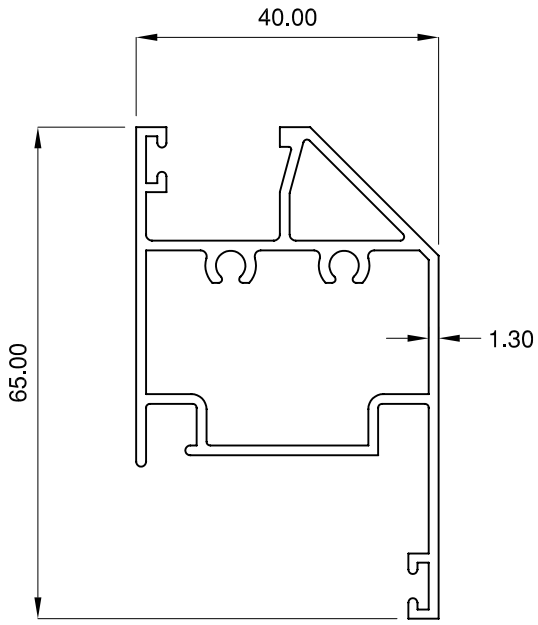
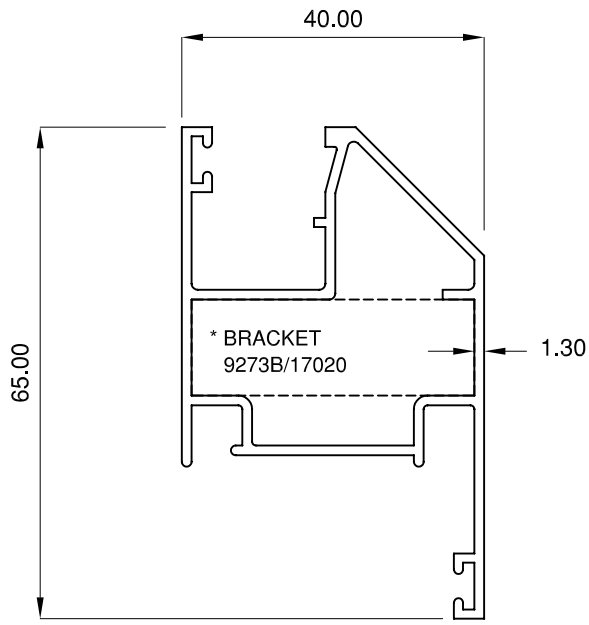


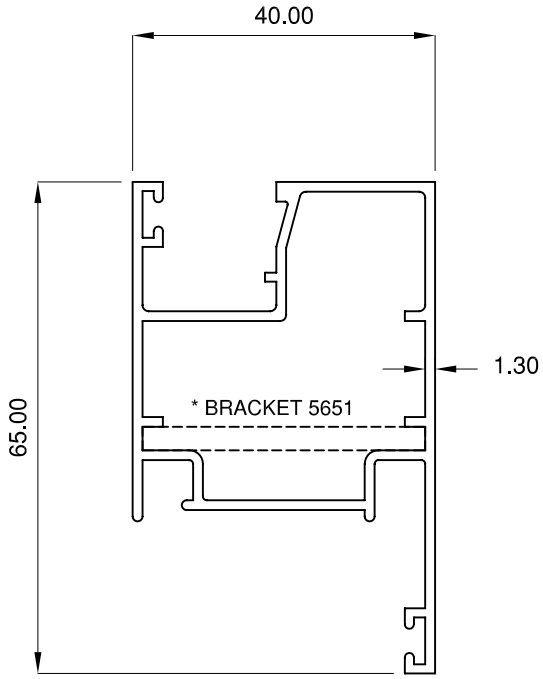
18393

WT : 0.915 Kg/m
AP : 293.70 mm



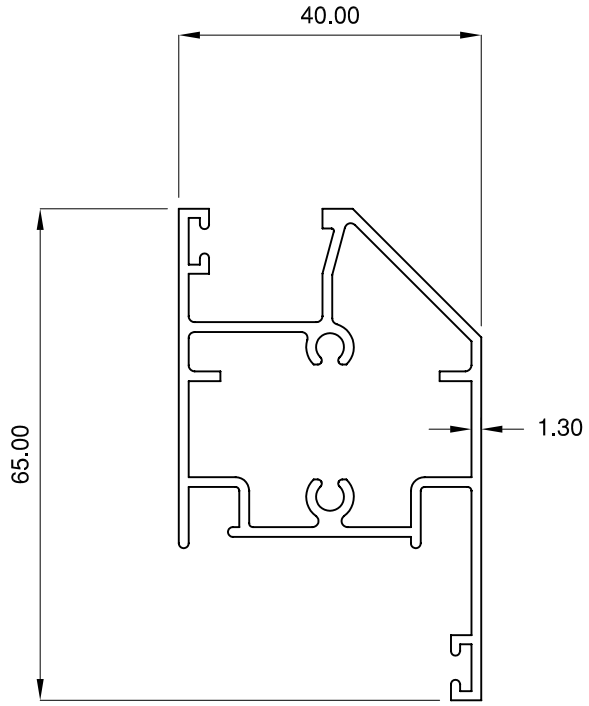
16258

WT : 0.851 Kg/m
AP : 311.56 mm



17689

WT : 0.884 Kg/m
AP : 312.71 mm



17843

WT : 0.935 Kg/m
AP : 295.56 mm

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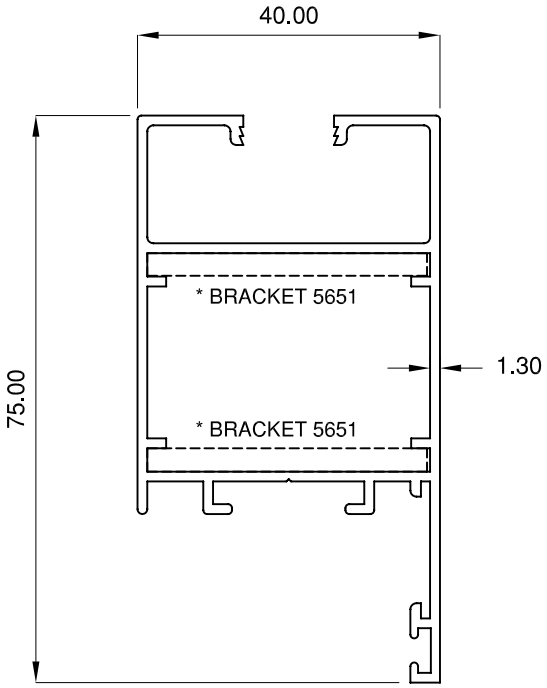
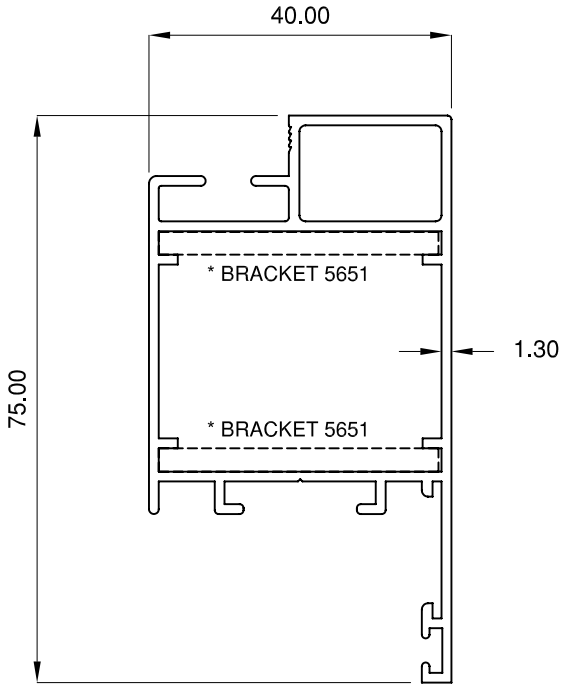


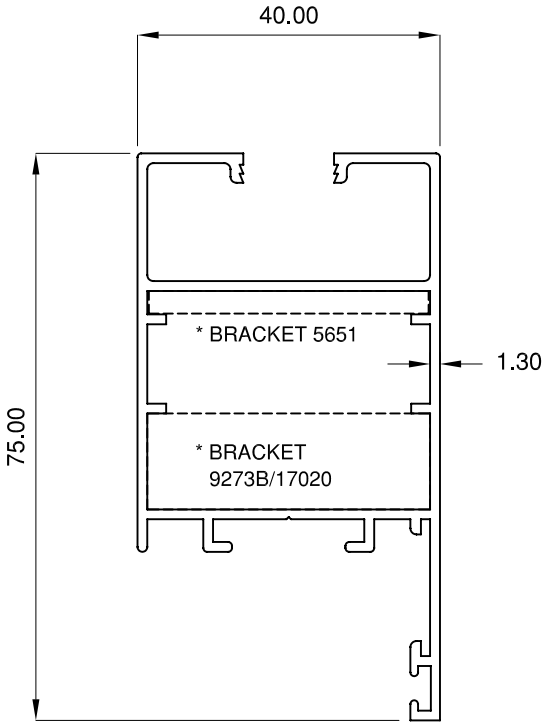
17809

WT : 0.944 Kg/m
AP : 380.90 mm



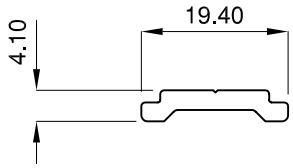
18025

WT : 0.991 Kg/m
AP : 319.76 mm



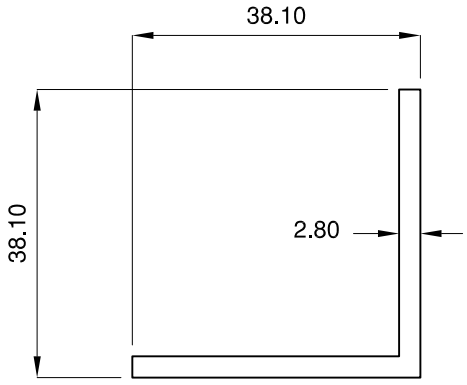
18168

WT : 0.944 Kg/m
AP : 380.90 mm



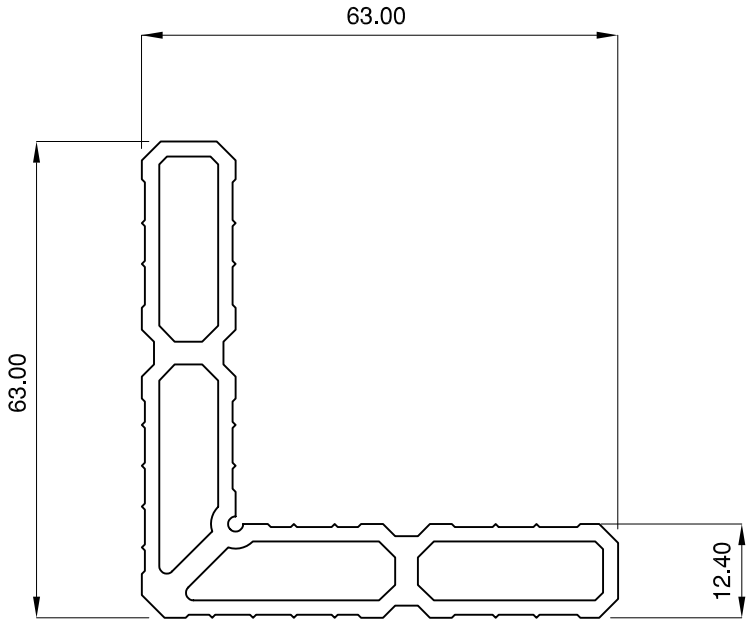
13881

WT : 0.144 Kg/m
AP : 46.62 mm



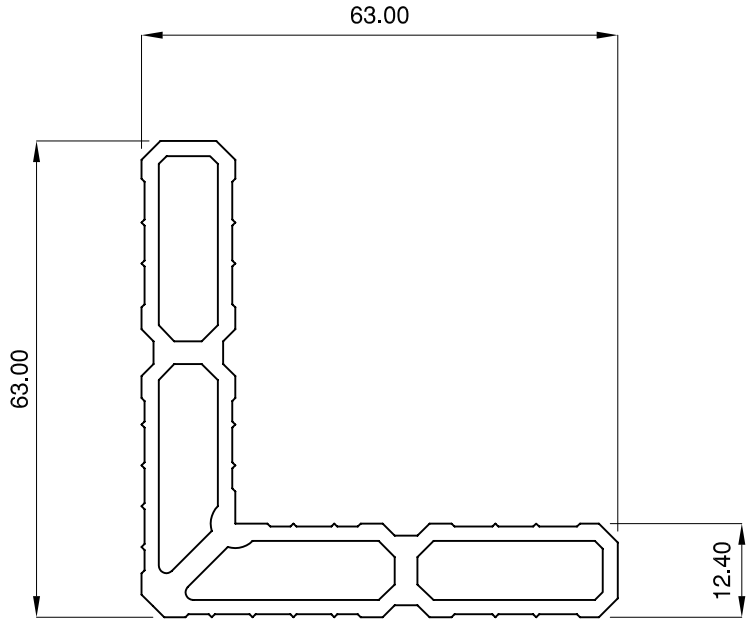
5651

WT : 0.557 Kg/m
AP : 152.40 mm



9273B

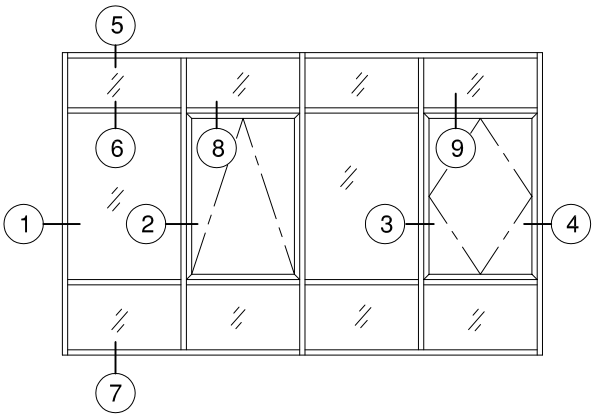
WT : 1.522 Kg/m
AP : 261.68 mm



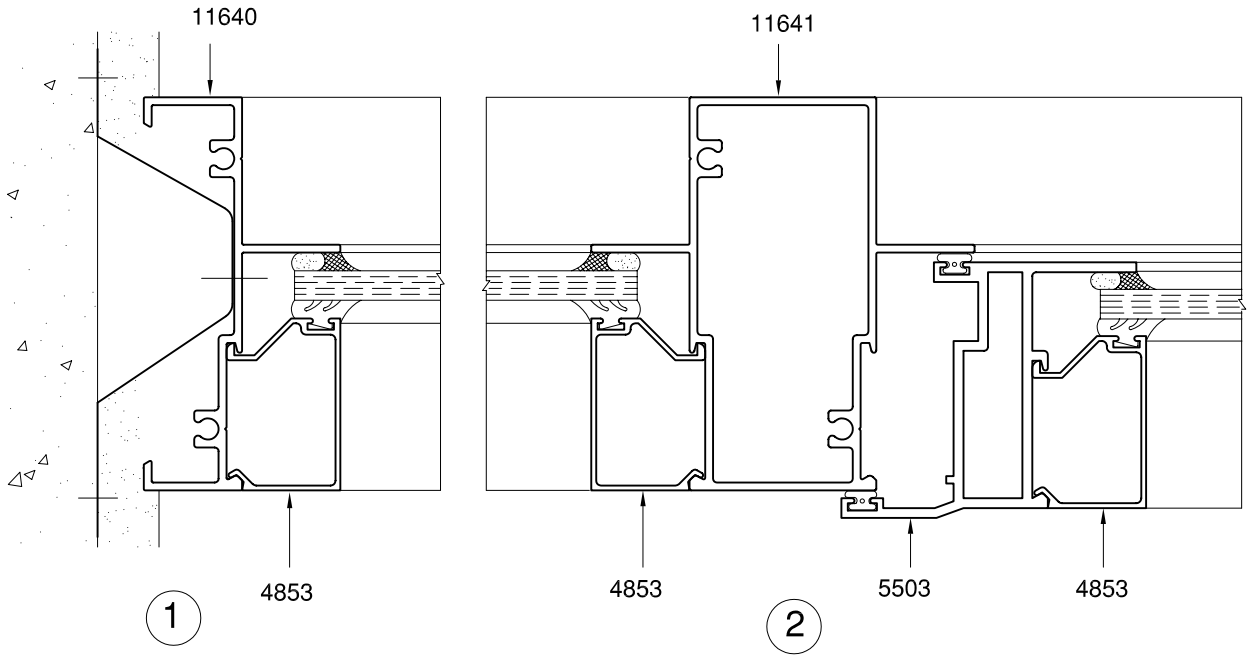
17020

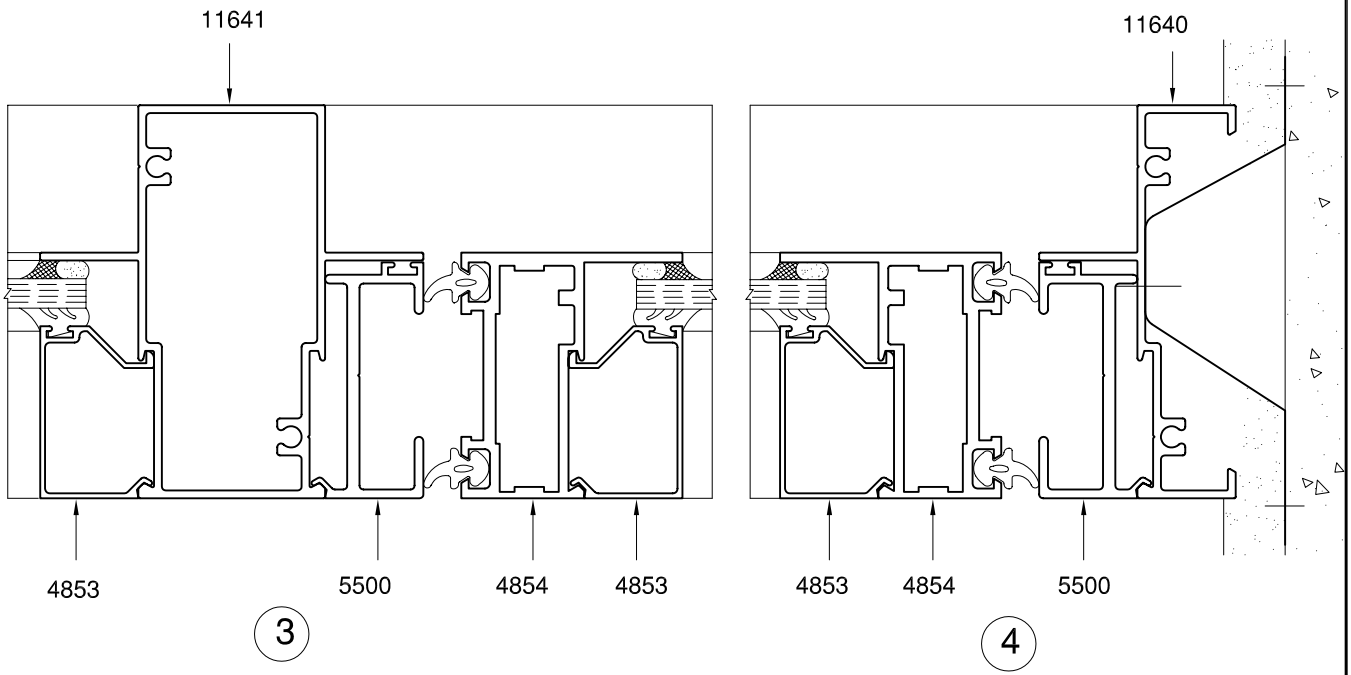
WT : 1.528 Kg/m
AP : 258.97 mm

PRESS METAL ACE High Performance Systems	CASEMENT WINDOW	REF : C-50 Page: 1
	COMSASH ™ C-50	DATE : 1.1.2015
		REPLACES : ·

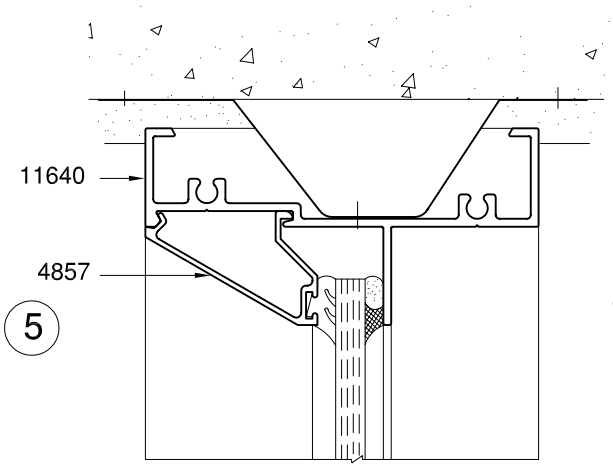


ELEVATION

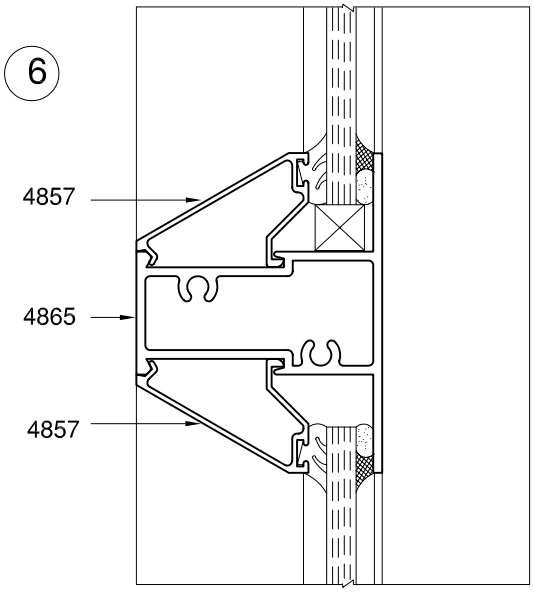




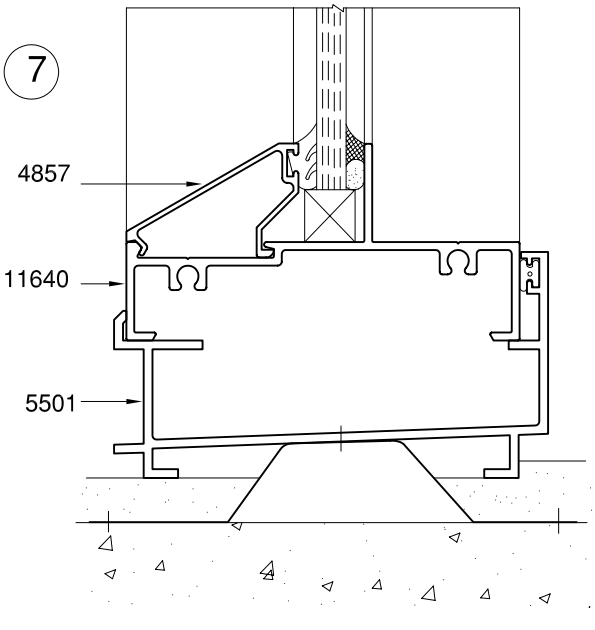
PRESS METAL ACE High Performance Systems	CASEMENT WINDOW	REF : C-50 Page: 2
	COMSASH ™ C-50	DATE : 1.1.2015
		REPLACES : ·



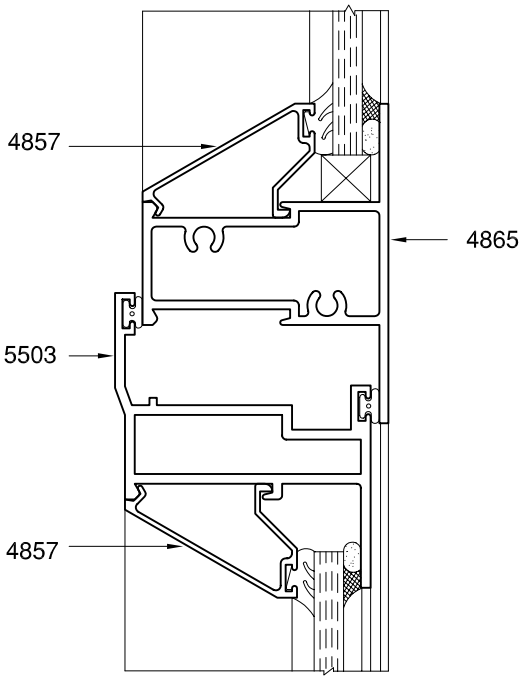
5



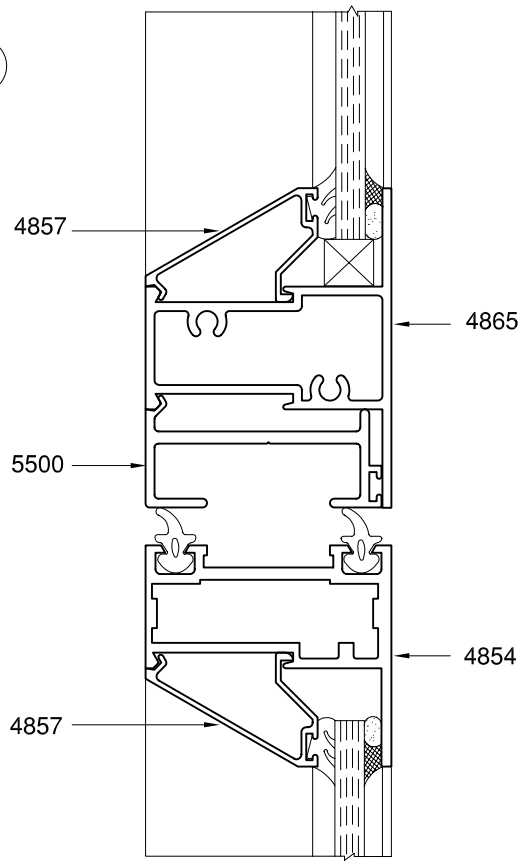
6



7

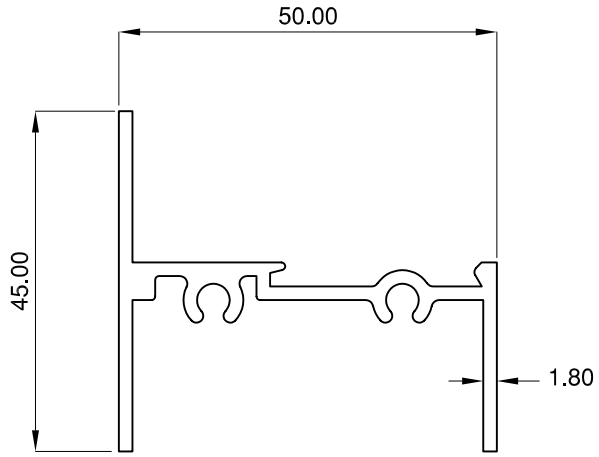


8



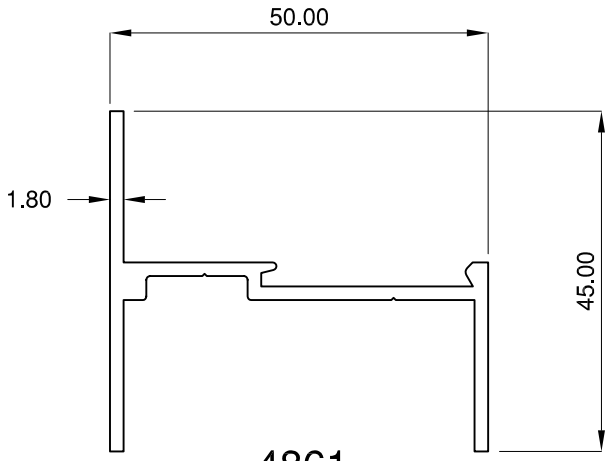
9

PRESS METAL ACE High Performance Systems	CASEMENT WINDOW	REF : C-50 Page: 3
	COMSASH™ C-50	DATE : 1.1.2015
		REPLACES : ·



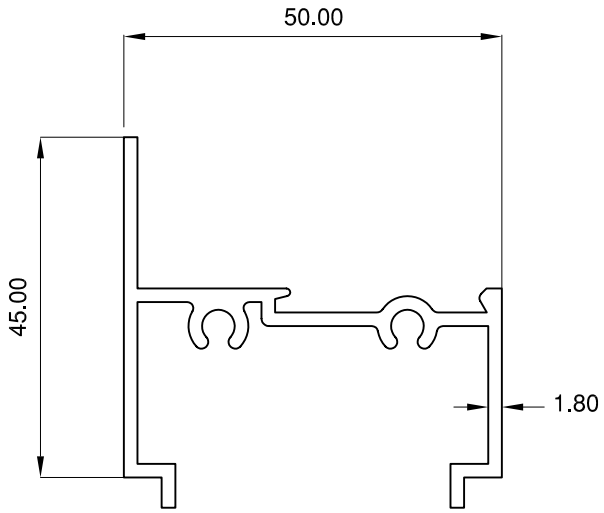
4863

WT : 0.741 Kg/m
AP : 280.80 mm



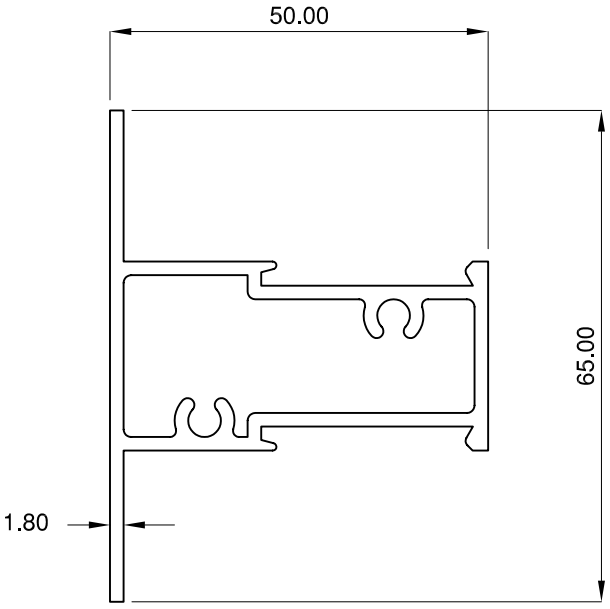
4861

WT : 0.621 Kg/m
AP : 245.84 mm



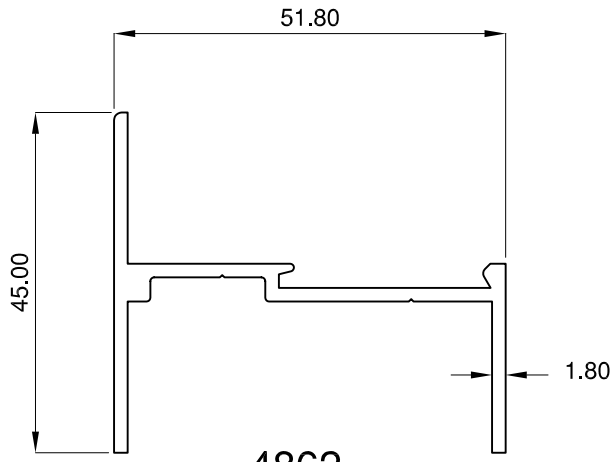
14088

WT : 0.792 Kg/m
AP : 317.65 mm



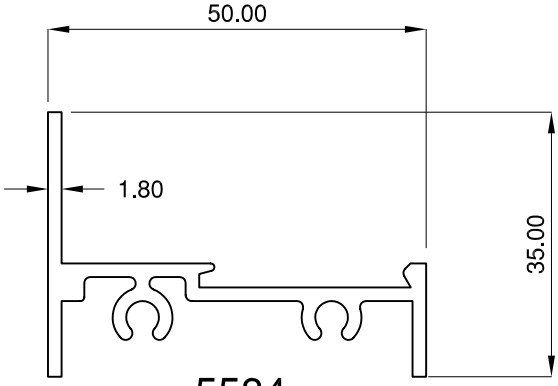
4865

WT : 1.061 Kg/m
AP : 250.46 mm



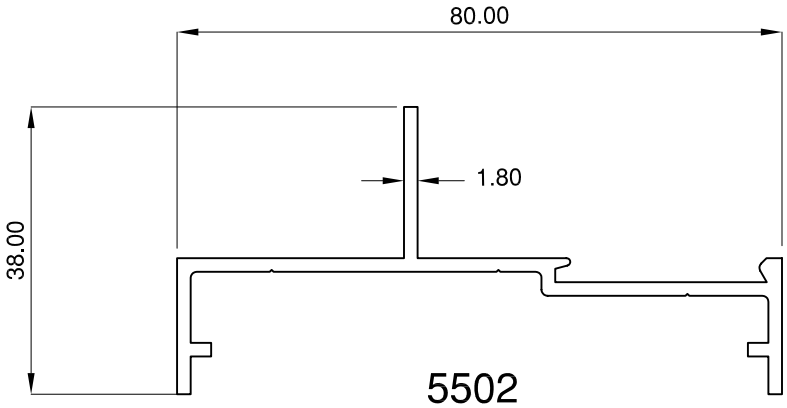
4862

WT : 0.630 Kg/m
AP : 249.44 mm



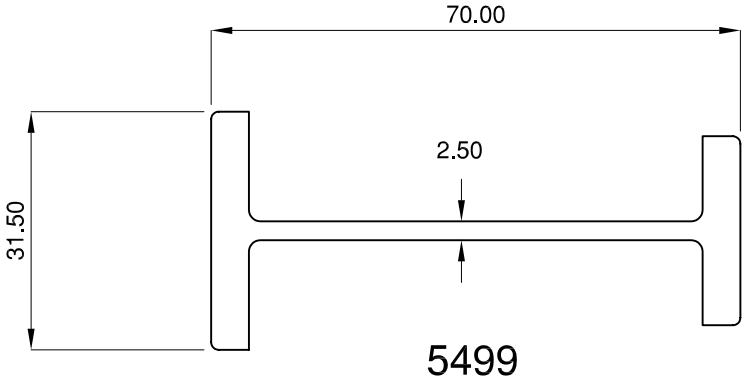
5584

WT : 0.662 Kg/m
AP : 255.39 mm



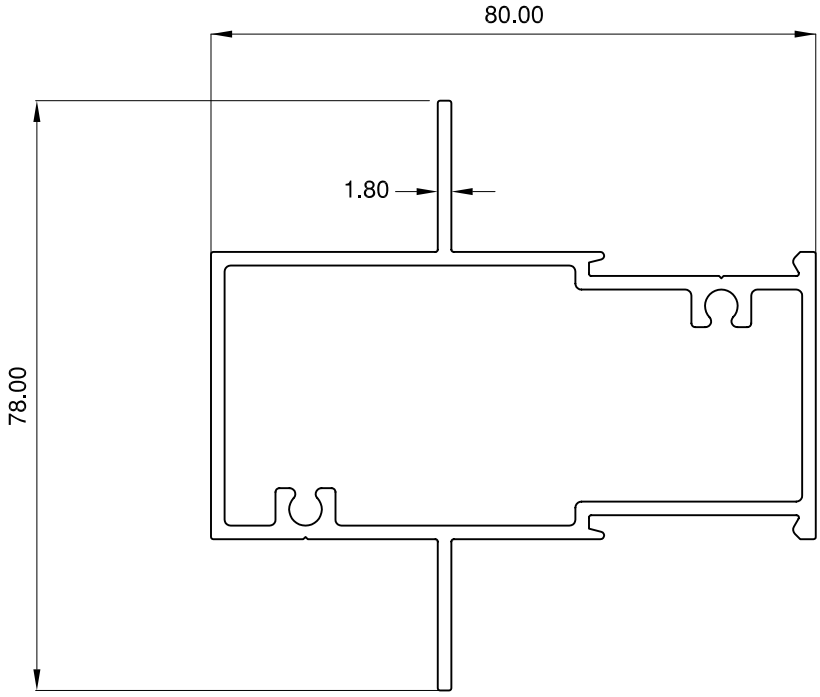
5502

WT : 0.698 Kg/m
AP : 287.69 mm



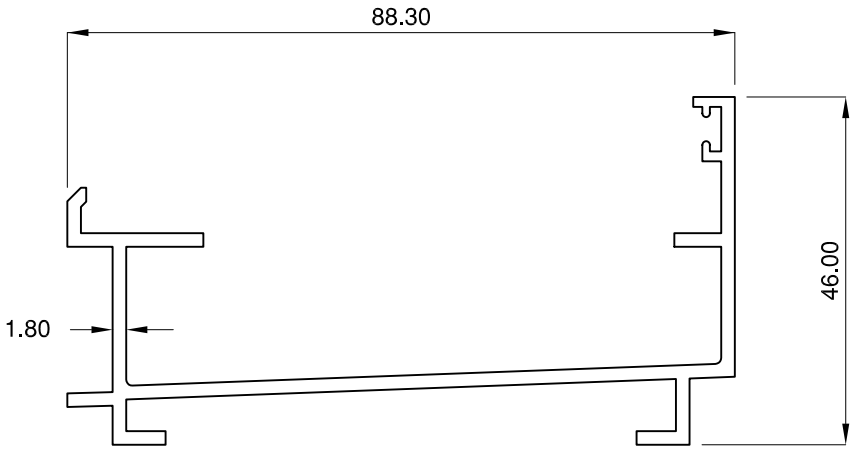
5499

WT : 1.175 Kg/m
AP : 243.71 mm



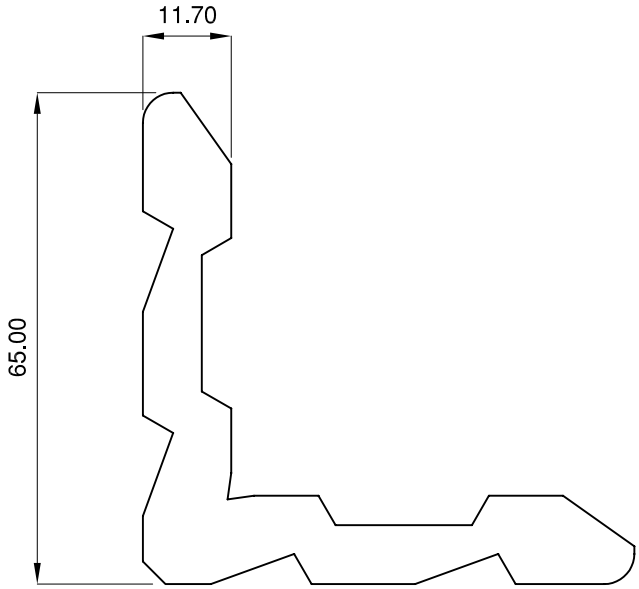
12302

WT : 1.485 Kg/m
AP : 334.33 mm



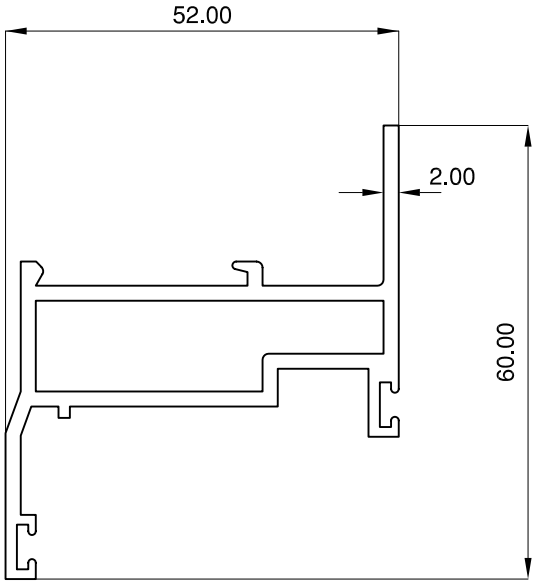
5501

WT : 0.992 Kg/m
AP : 416.97 mm



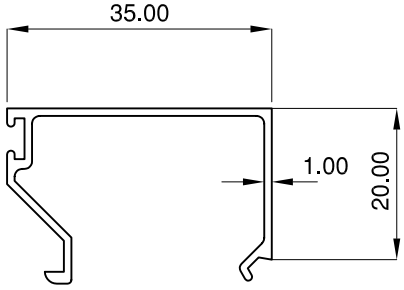
4855B

WT : 2.828 Kg/m
AP : 267.82 mm



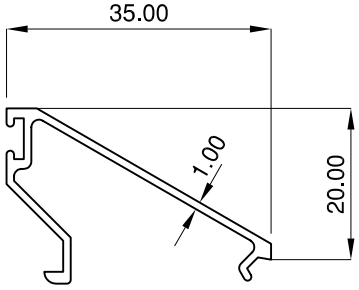
5503

WT : 1.064 Kg/m
AP : 285.16 mm



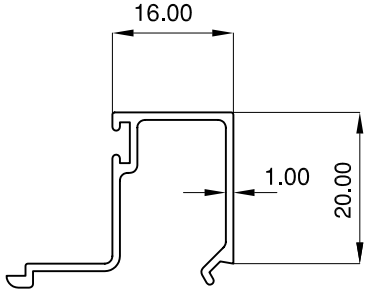
4853

WT : 0.257 Kg/m
AP : 180.52 mm



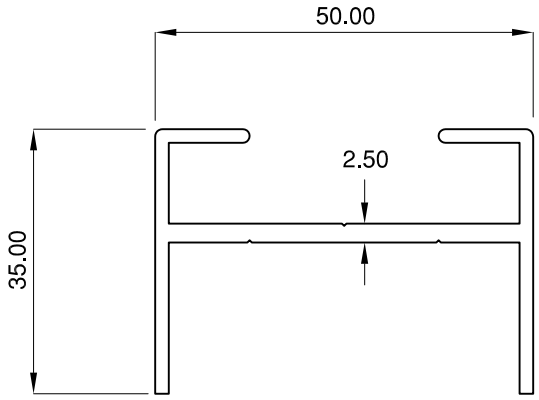
4857

WT : 0.223 Kg/m
AP : 151.13 mm



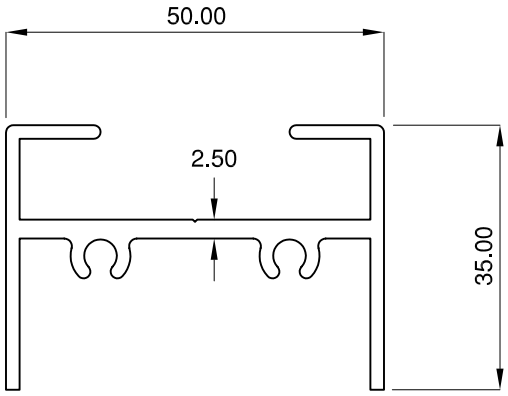
5688

WT : 0.222 Kg/m
AP : 158.16 mm



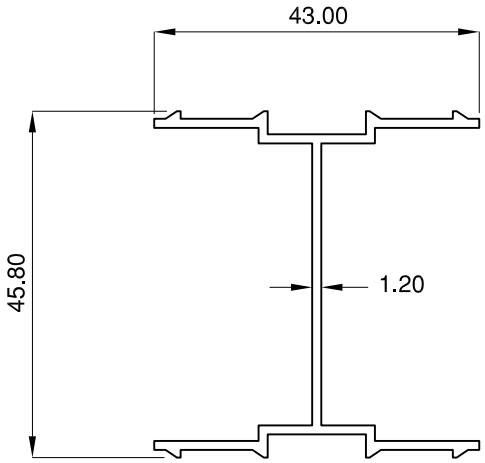
4859

WT : 0.756 Kg/m
AP : 276.14 mm



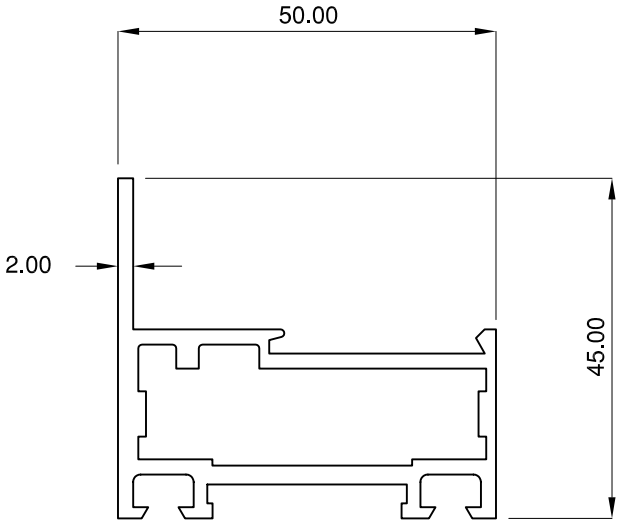
4860

WT : 0.883 Kg/m
AP : 311.47 mm



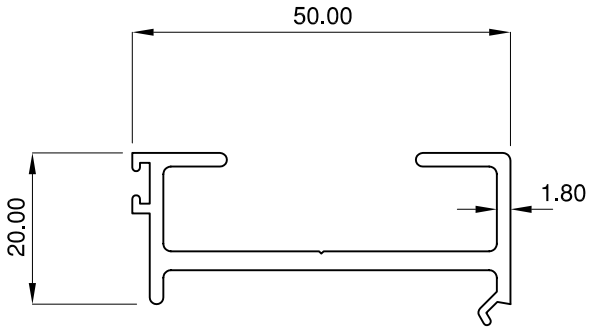
4858

WT : 0.455 Kg/m
AP : 275.80 mm



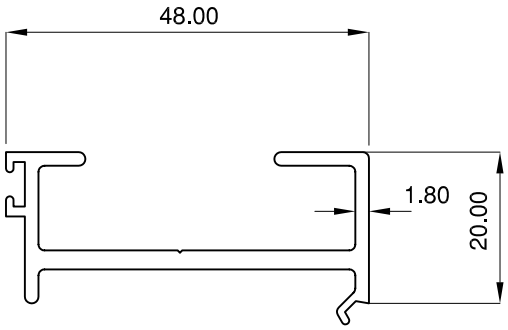
4854

WT : 1.084 Kg/m
AP : 246.67 mm



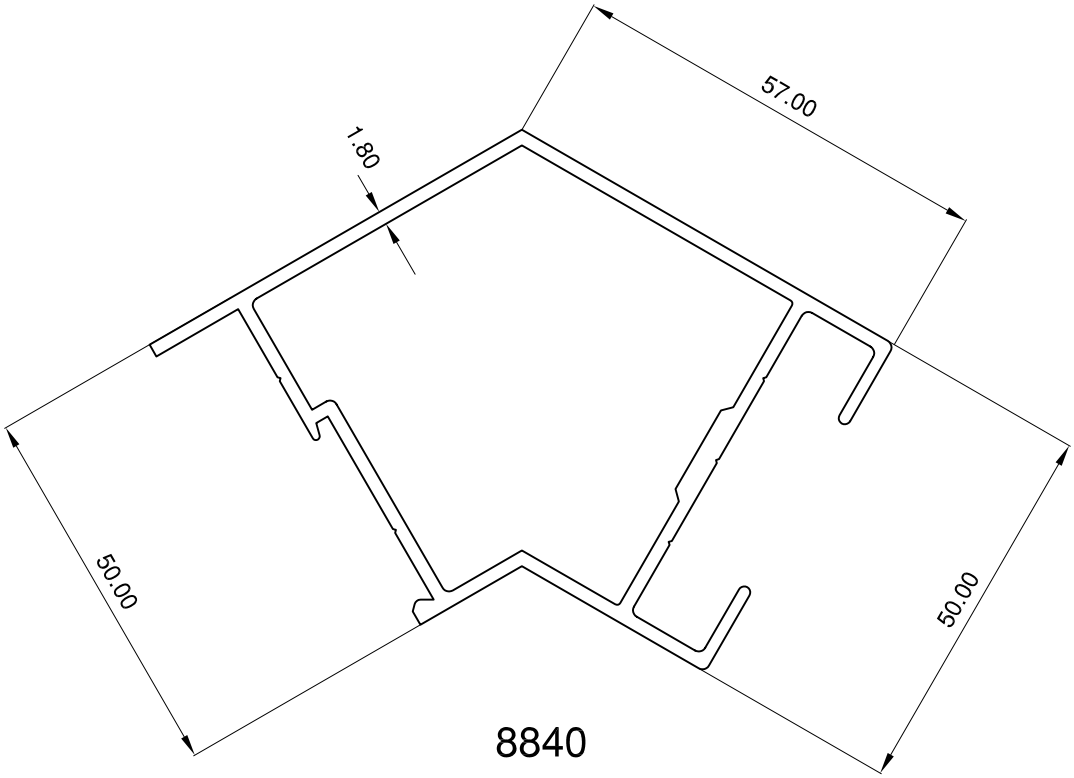
4864

WT : 0.618 Kg/m
AP : 224.66 mm



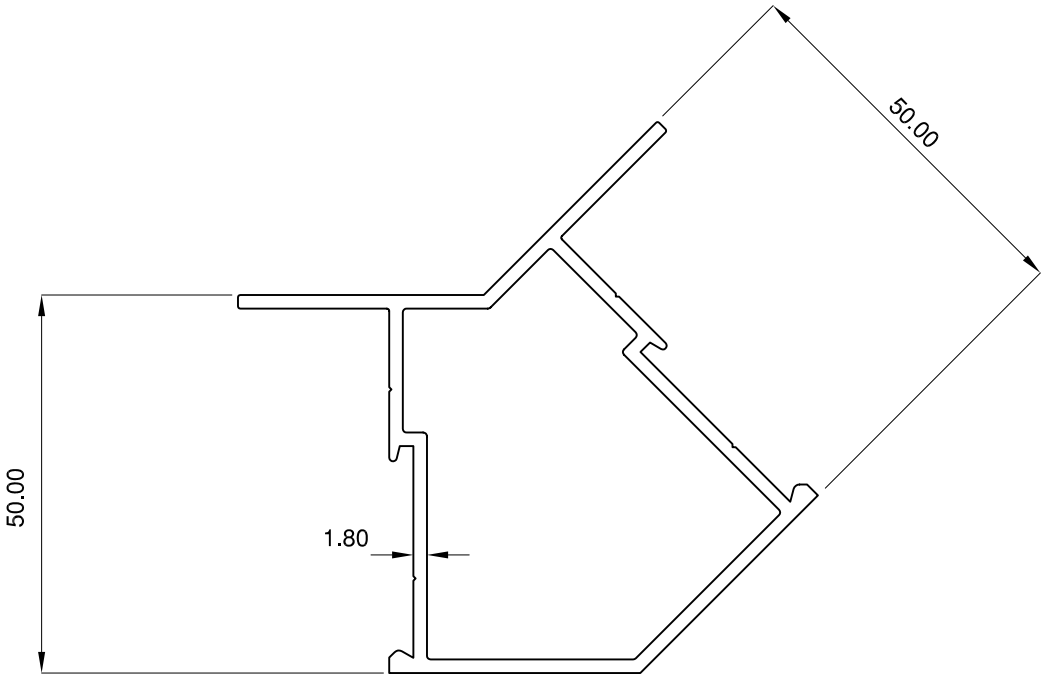
5500

WT : 0.596 Kg/m
AP : 213.72 mm



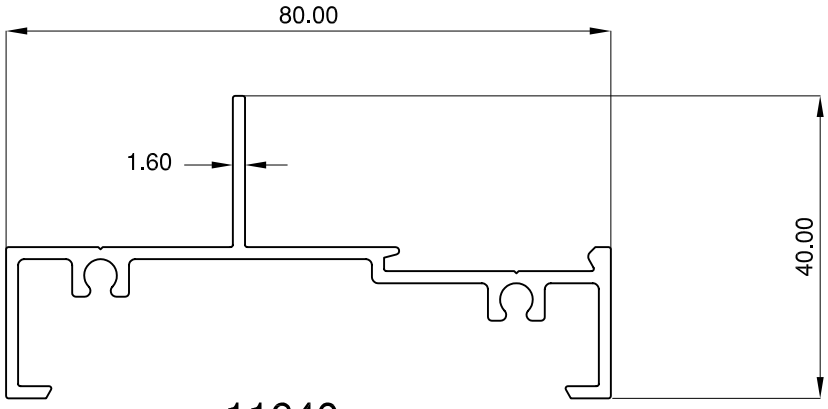
8840

WT : 1.349 Kg/m
AP : 345.58 mm



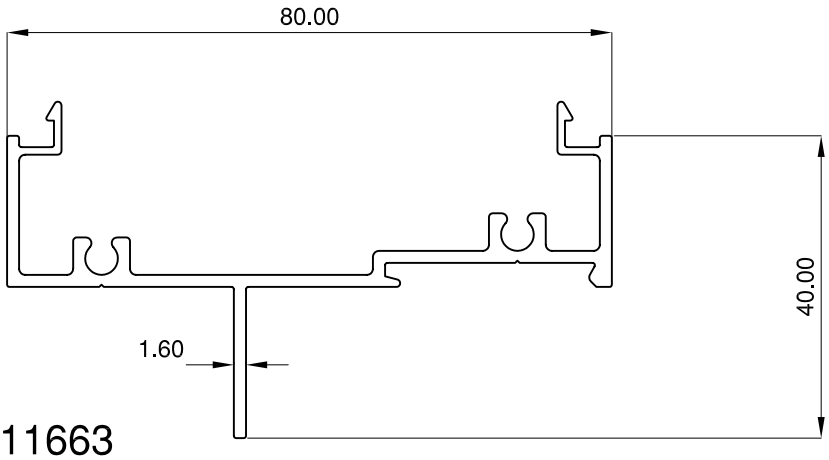
10265

WT : 1.145 Kg/m
AP : 292.08 mm



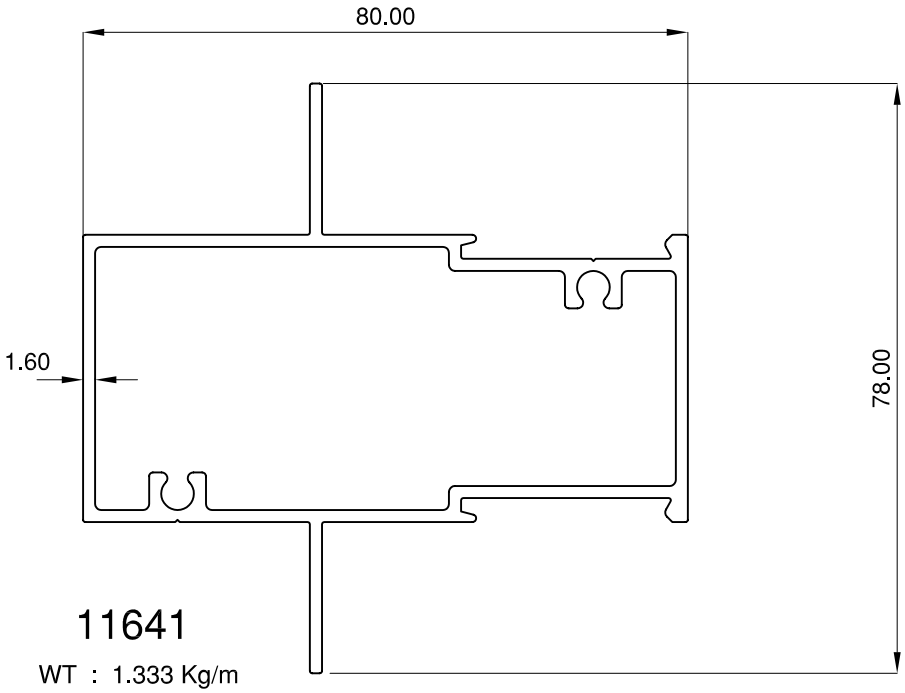
11640

WT : 0.765 Kg/m
AP : 337.18 mm



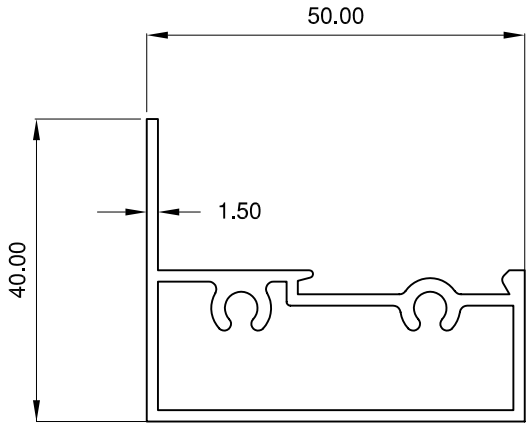
11663

WT : 0.799 Kg/m
AP : 367.06 mm



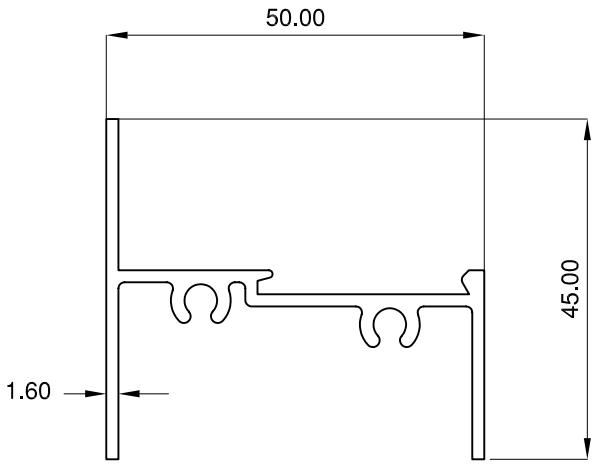
11641

WT : 1.333 Kg/m
AP : 334.33 mm



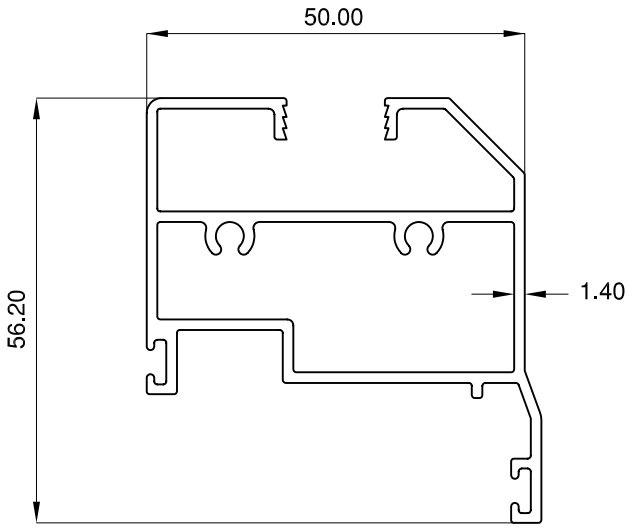
9087

WT : 0.780 Kg/m
AP : 191.65 mm



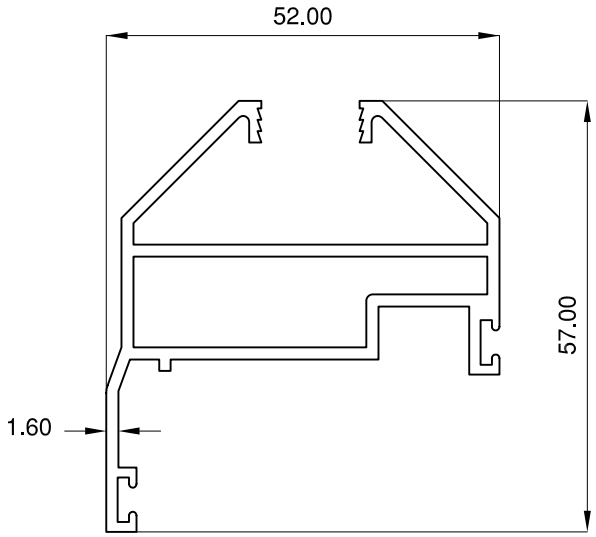
15446

WT : 0.654 Kg/m
AP : 282.50 mm



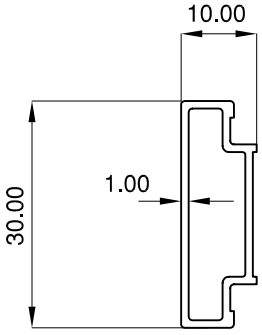
14284

WT : 1.014 Kg/m
AP : 359.90 mm



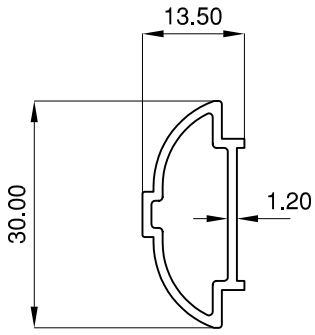
9088

WT : 0.997 Kg/m
AP : 347.65 mm



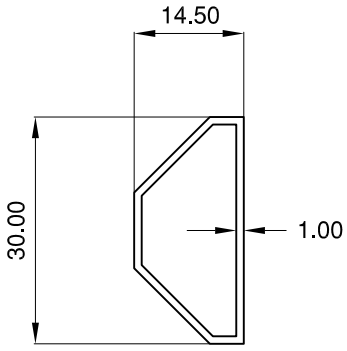
15161

WT : 0.212 Kg/m
AP : 81.71 mm



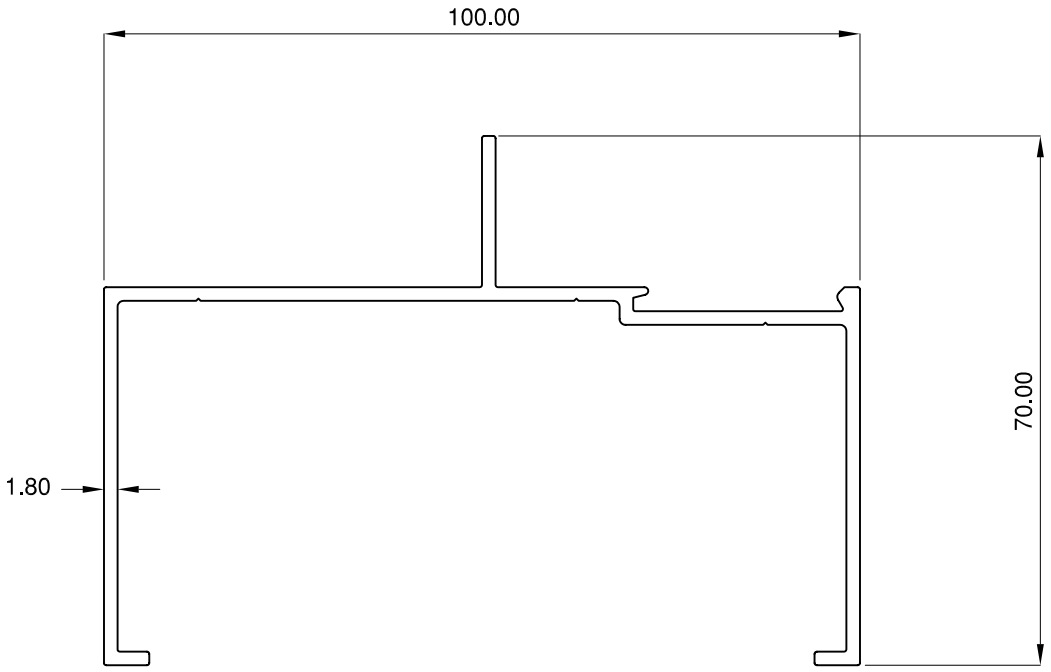
15425

WT : 0.240 Kg/m
AP : 79.32 mm



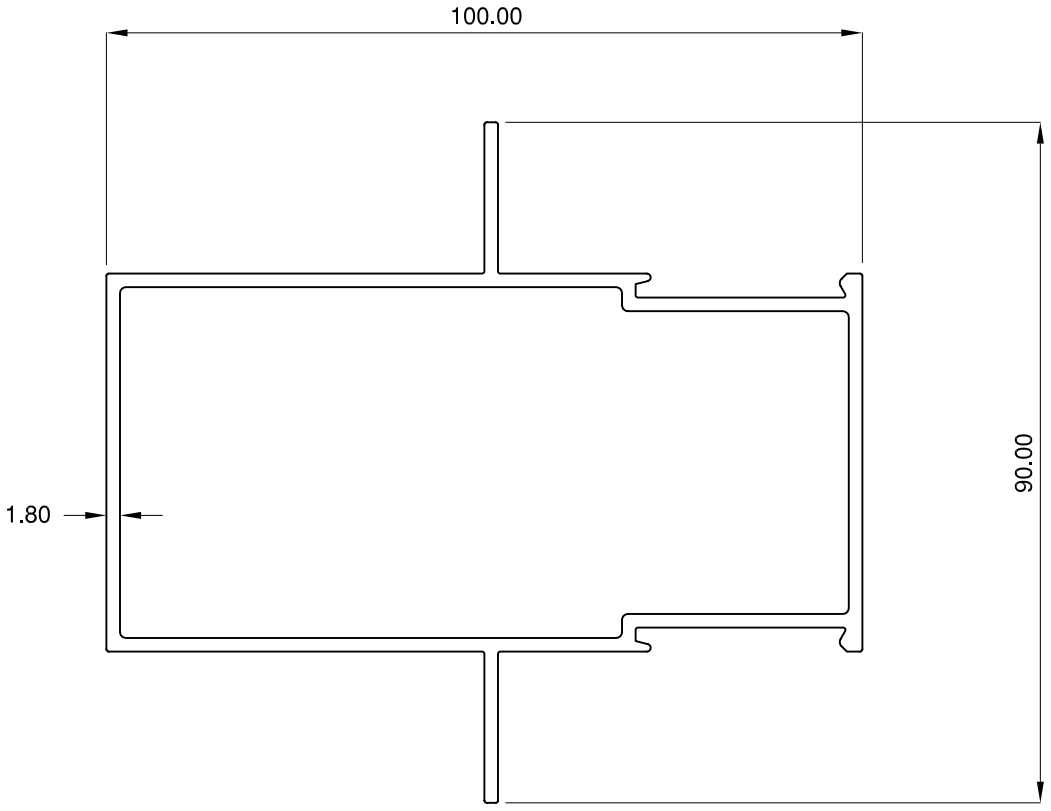
9089

WT : 0.200 Kg/m
AP : 77.28 mm



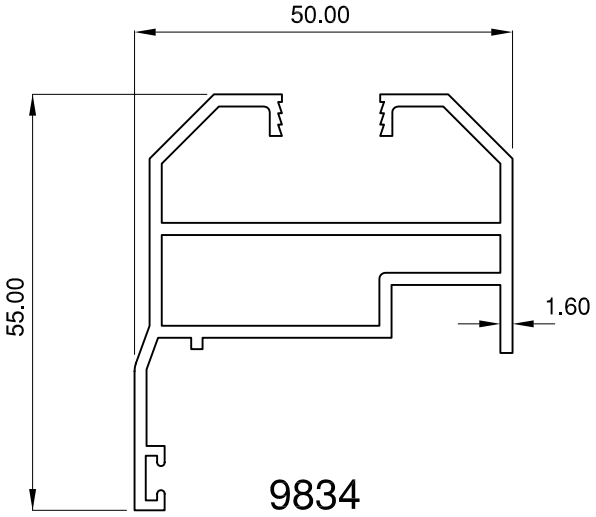
11327

WT : 1.121 Kg/m
AP : 460.46 mm



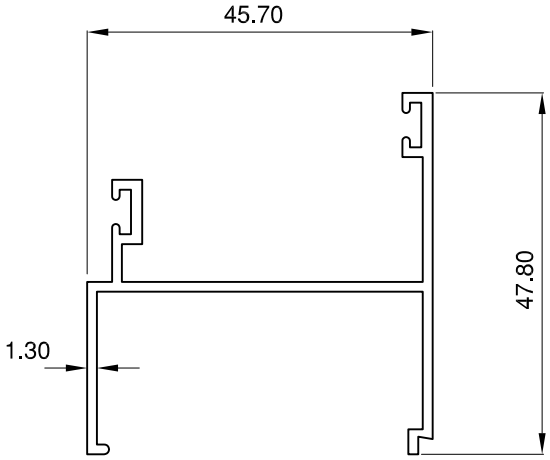
11328

WT : 1.676 Kg/m
AP : 397.83 mm



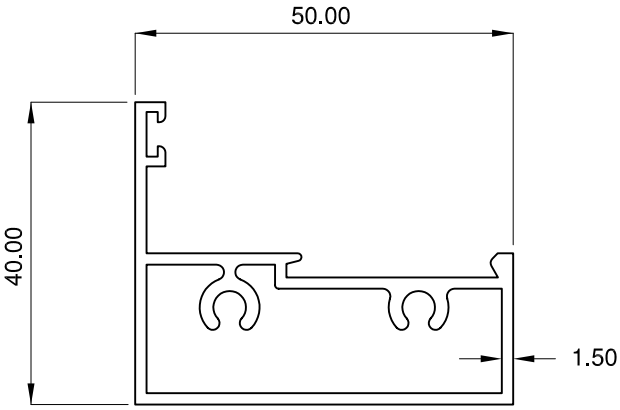
9834

WT : 0.961 Kg/m
AP : 339.65 mm



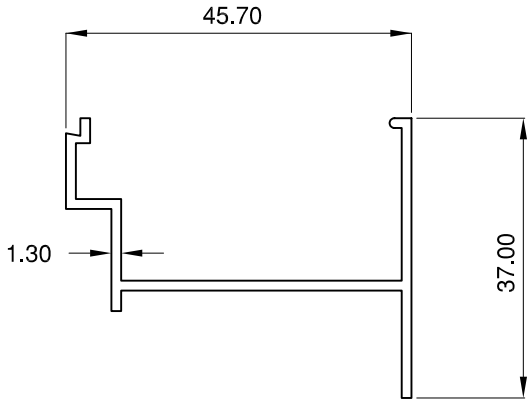
9835

WT : 0.517 Kg/m
AP : 293.77 mm



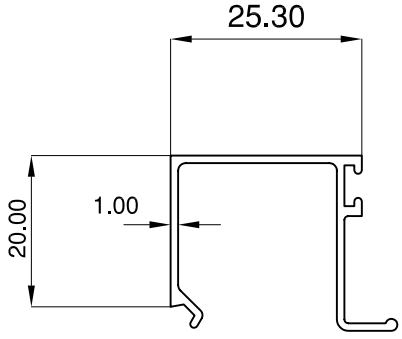
9832

WT : 0.825 Kg/m
AP : 284.98 mm



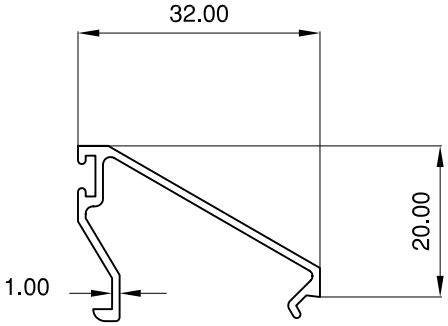
9836

WT : 0.383 Kg/m
AP : 220.61 mm



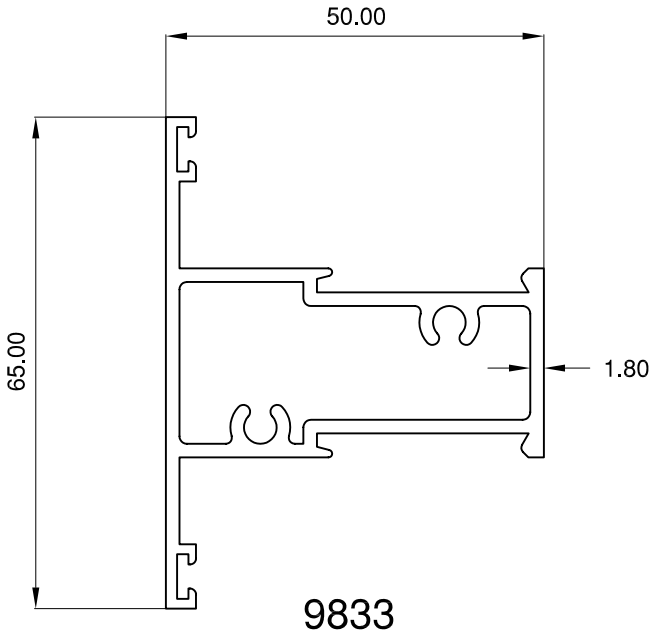
7988

WT : 0.232 Kg/m
AP : 164.75 mm



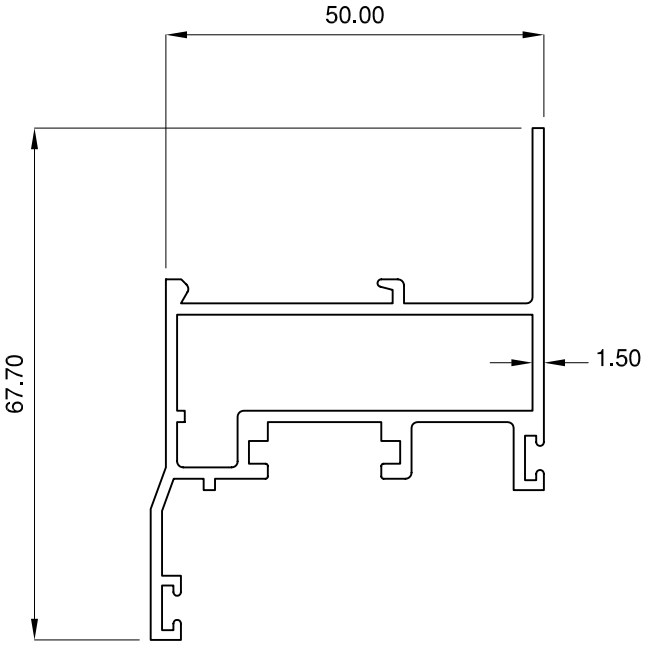
9837

WT : 0.214 Kg/m
AP : 151.09 mm



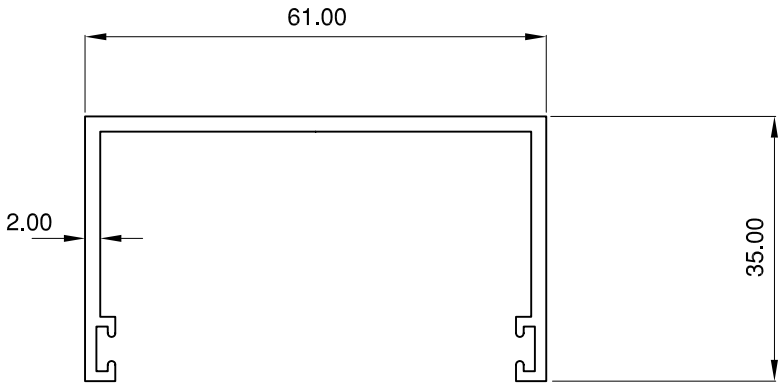
9833

WT : 1.090 Kg/m
AP : 278.76 mm



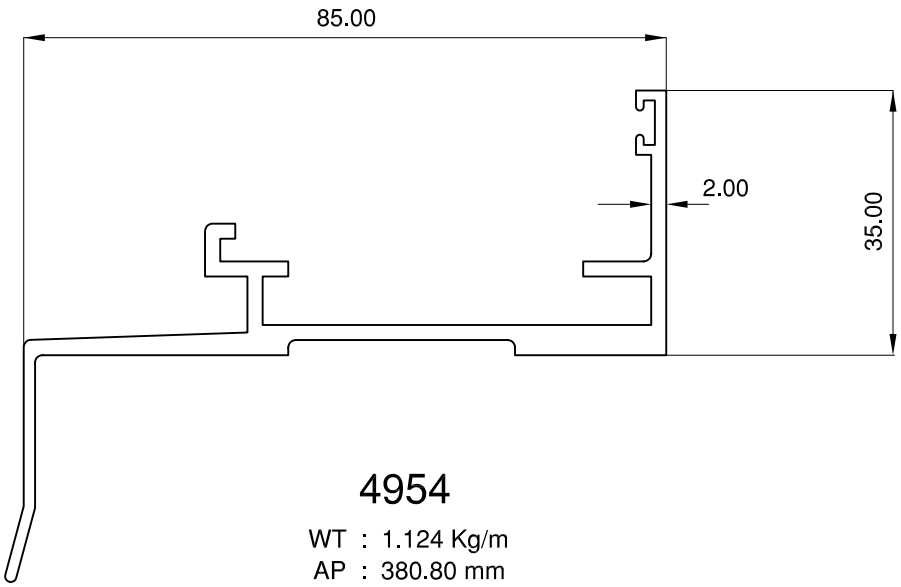
18050

WT : 0.986 Kg/m
AP : 320.99 mm



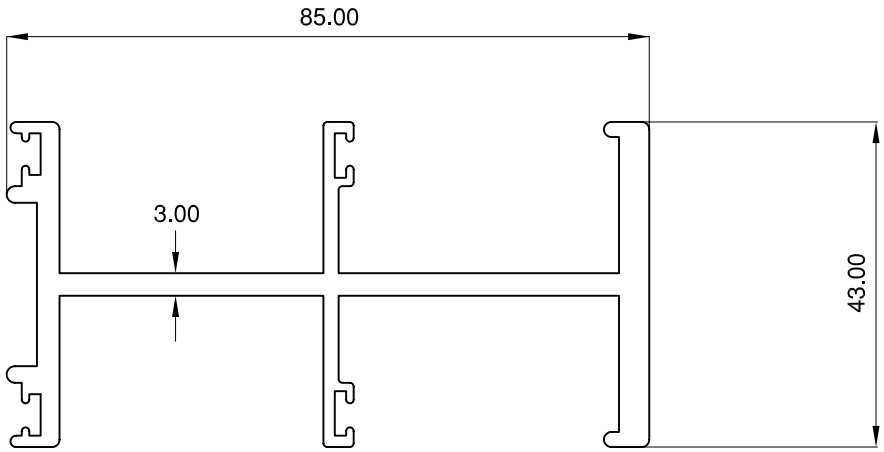
4955

WT : 0.714 Kg/m
AP : 285.16 mm



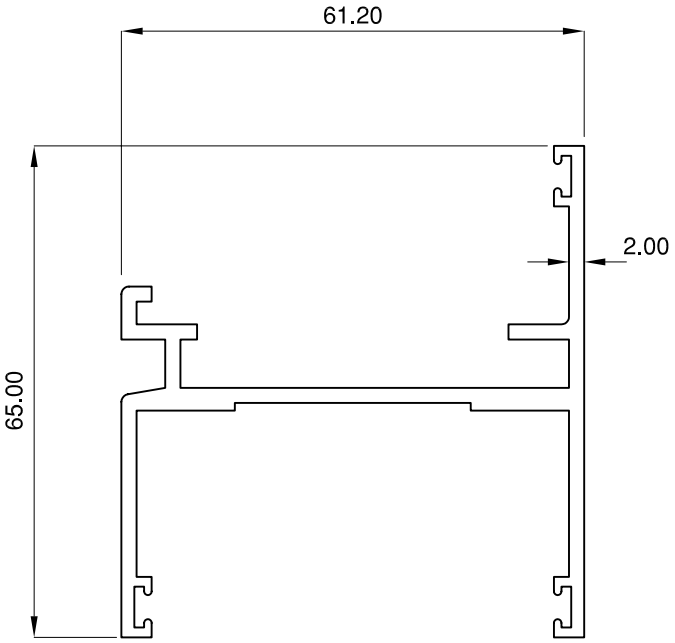
4954

WT : 1.124 Kg/m
AP : 380.80 mm



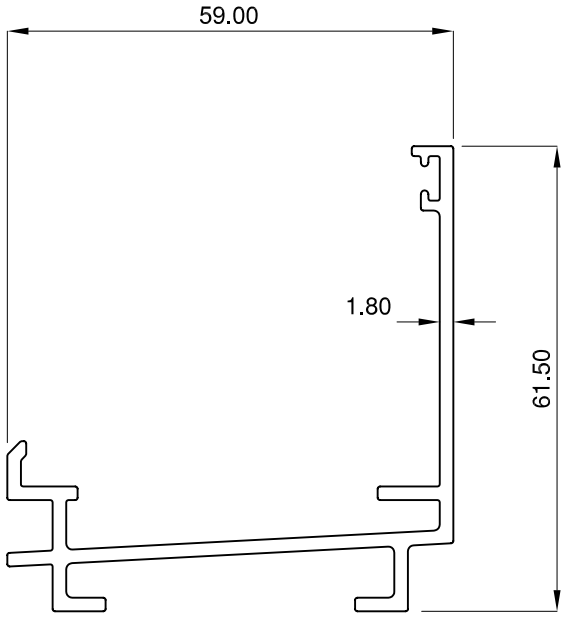
4953

WT : 1.756 Kg/m
AP : 476.17 mm



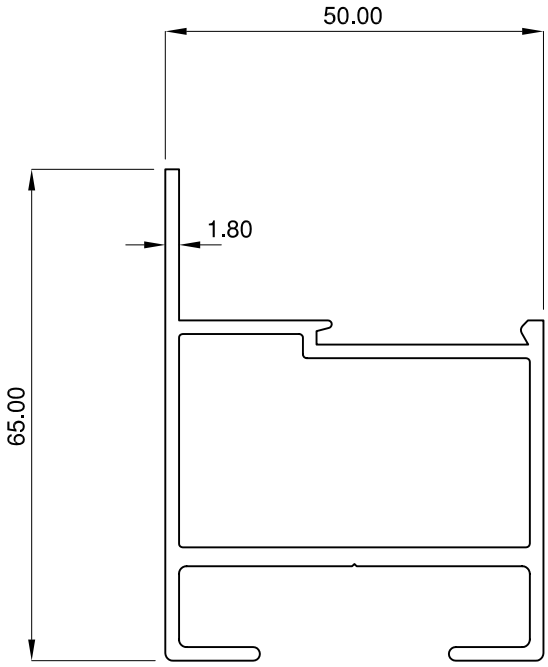
4867

WT : 1.119 Kg/m
AP : 412.55 mm



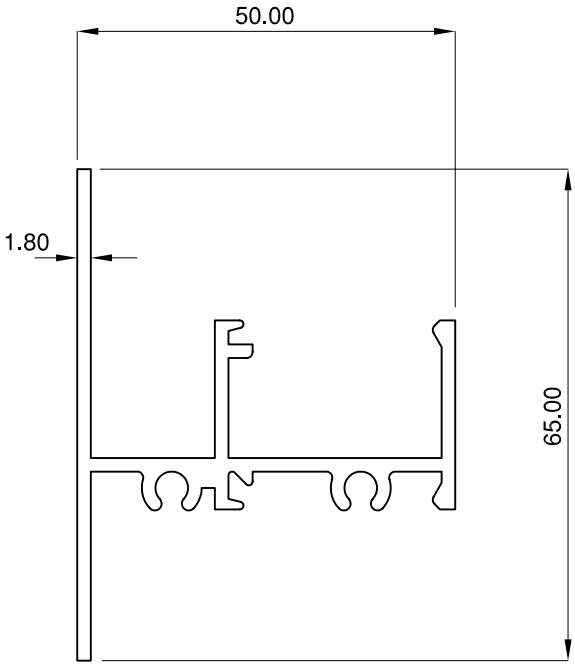
10311

WT : 0.834 Kg/m
AP : 344.30 mm



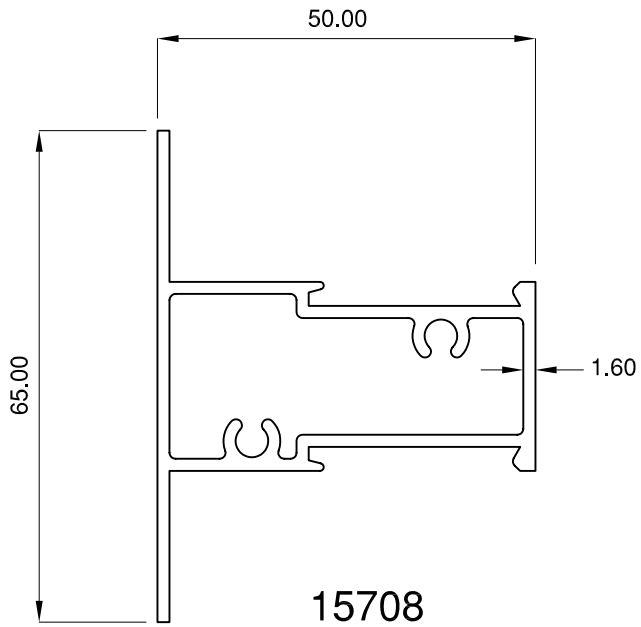
4866

WT : 1.209 Kg/m
AP : 304.00 mm



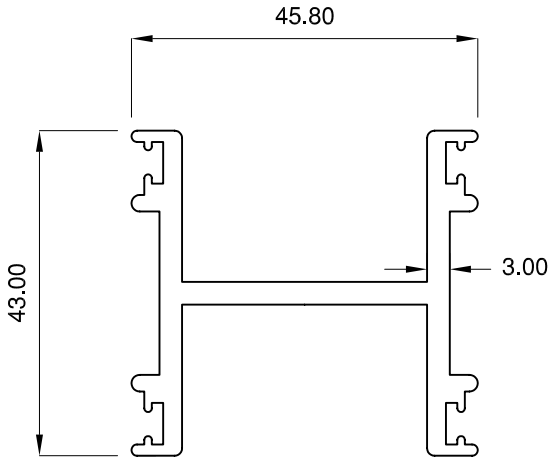
5583

WT : 0.947 Kg/m
AP : 369.88 mm



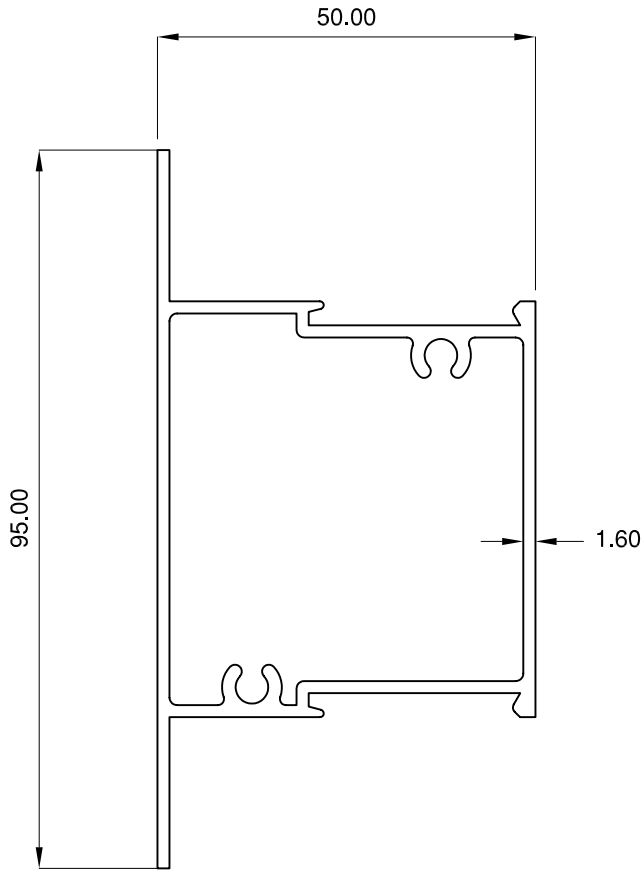
15708

WT : 0.958 Kg/m
AP : 250.45 mm



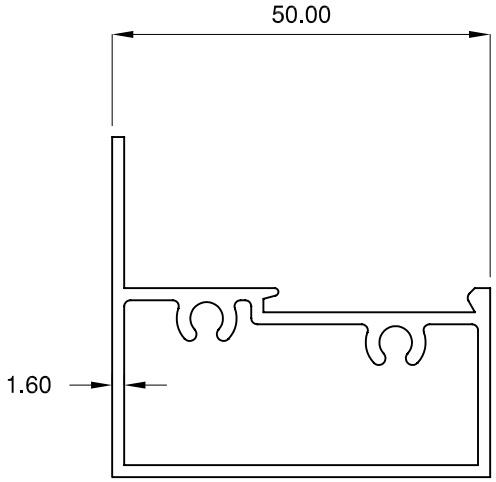
15752

WT : 1.126 Kg/m
AP : 313.06 mm



15839

WT : 1.231 Kg/m
AP : 310.45 mm



17974

WT : 0.857 Kg/m
AP : 200.23 mm

PRESS METAL ACE High Performance Systems	SLIDING WINDOW	REF : S-60 Page: 1
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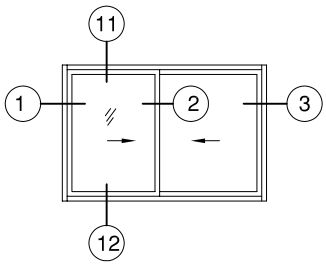
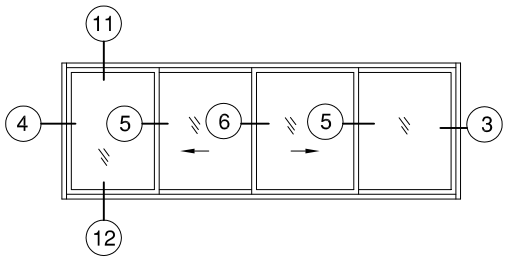
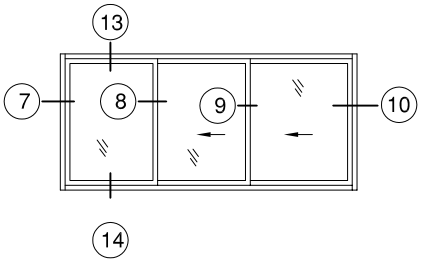
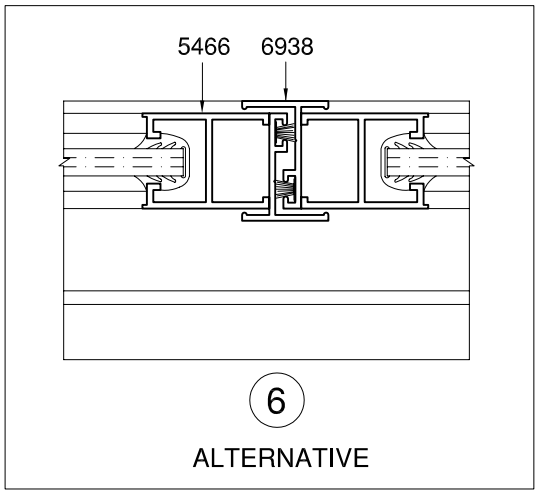
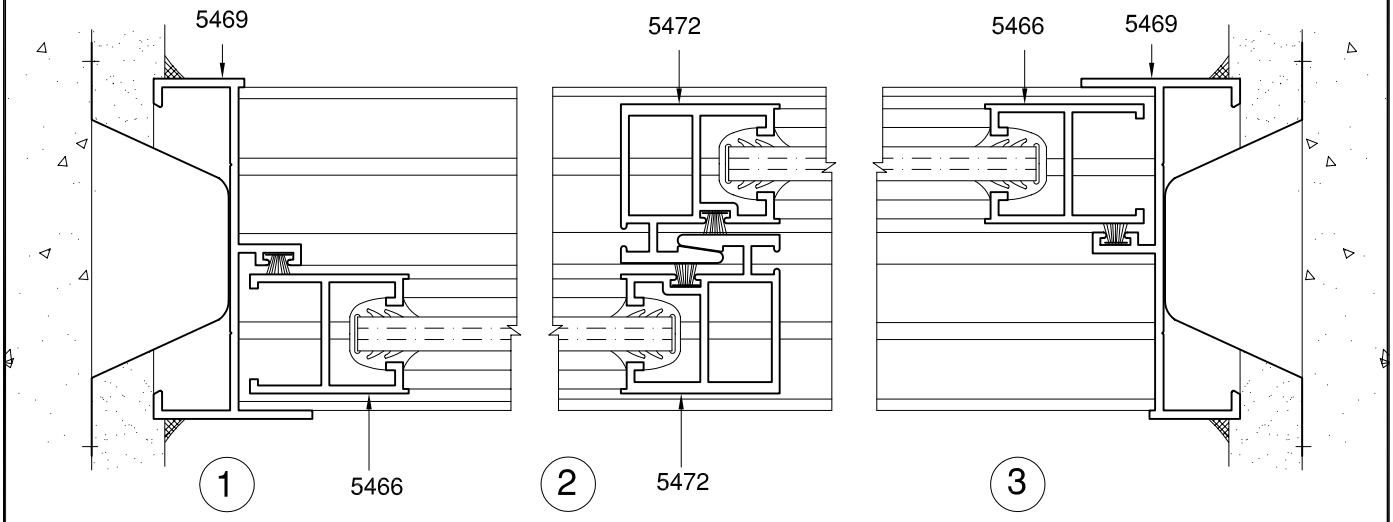


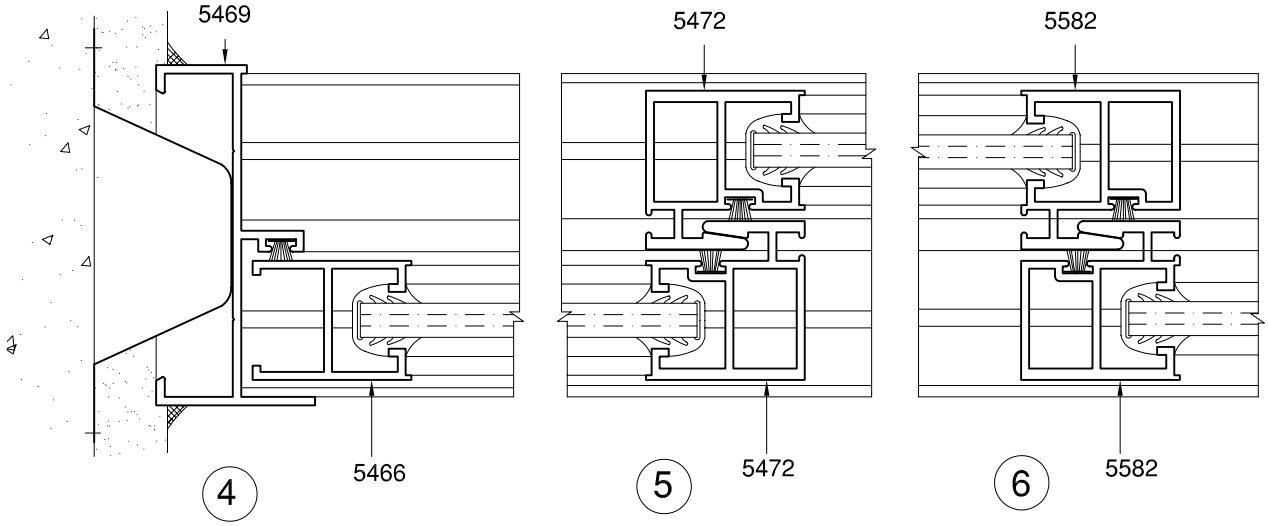




ELEVATION







PRESS METAL ACE High Performance Systems	SLIDING WINDOW	REF : S-60 Page: 2
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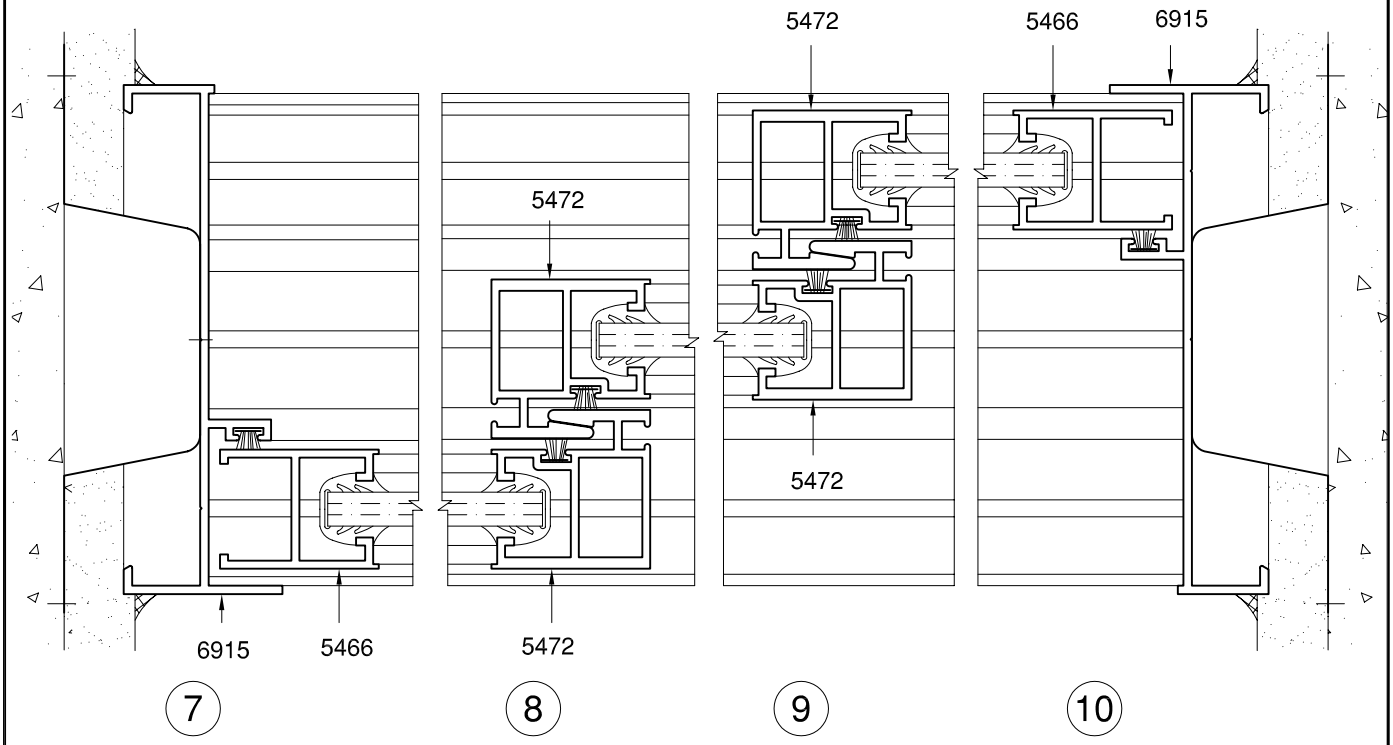
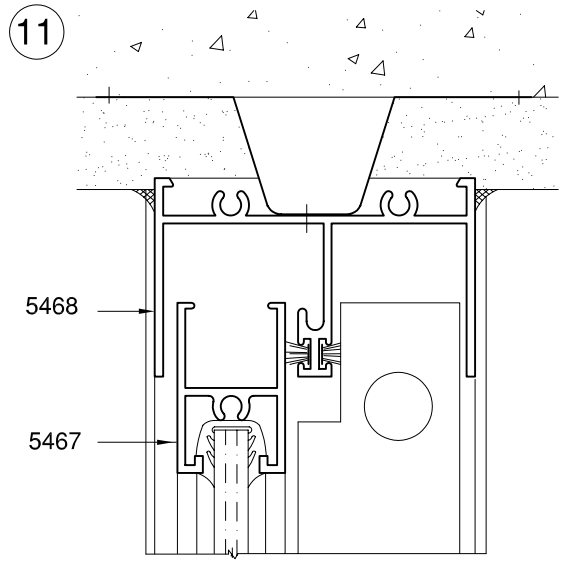
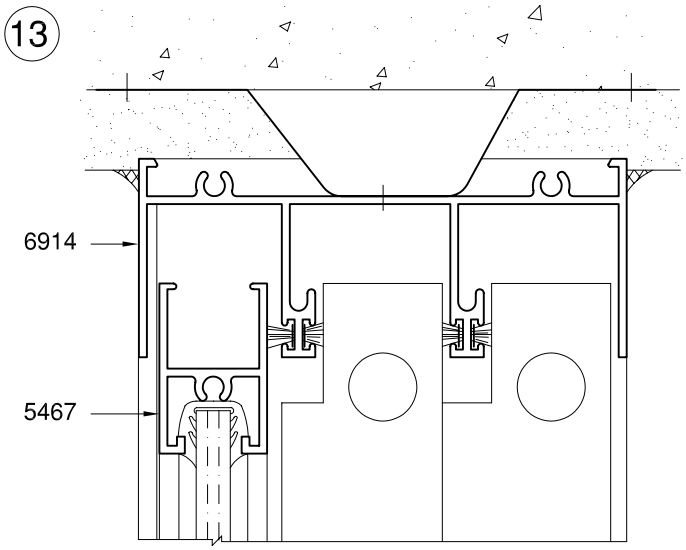
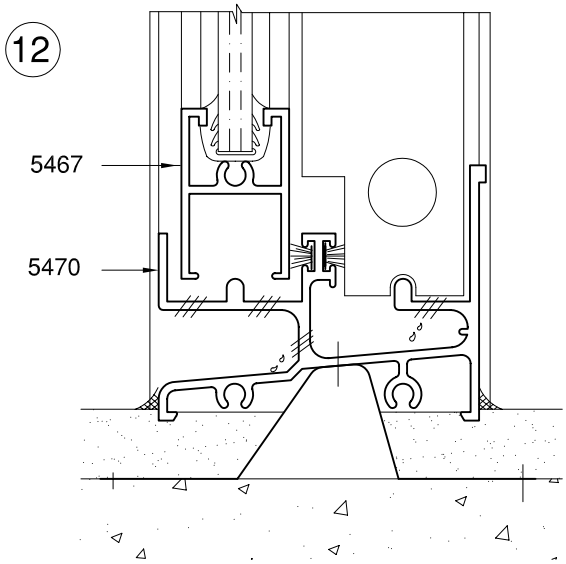
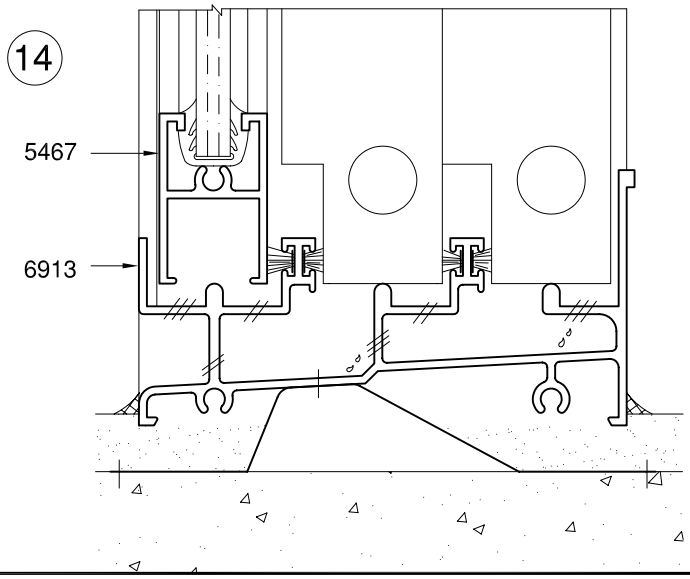
		REPLACES : ·

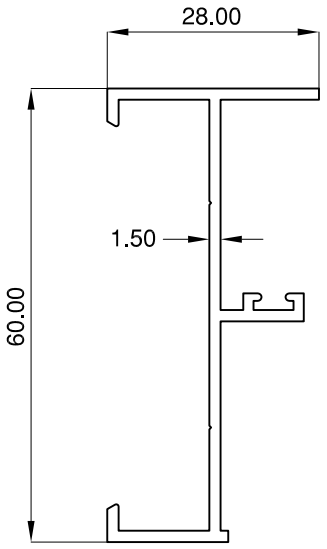






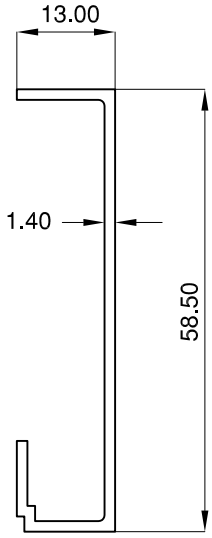






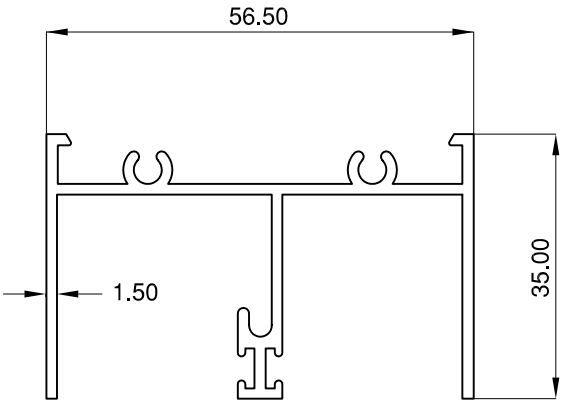
5469

WT : 0.502 Kg/m
AP : 252.31 mm



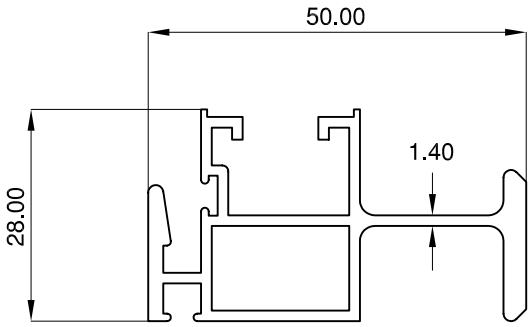
5483

WT : 0.351 Kg/m
AP : 186.71 mm



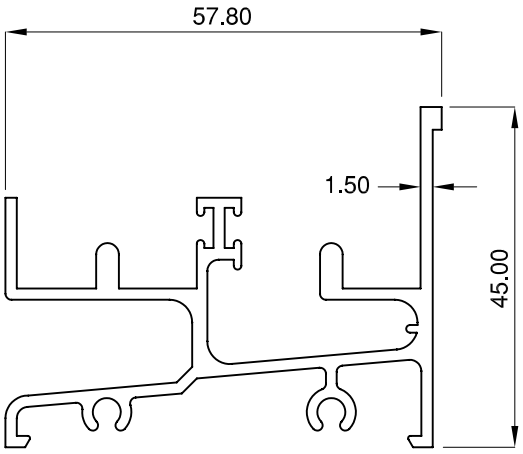
5468

WT : 0.743 Kg/m
AP : 370.29 mm



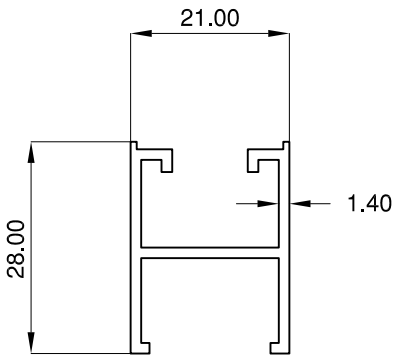
5471

WT : 0.769 Kg/m
AP : 281.55 mm



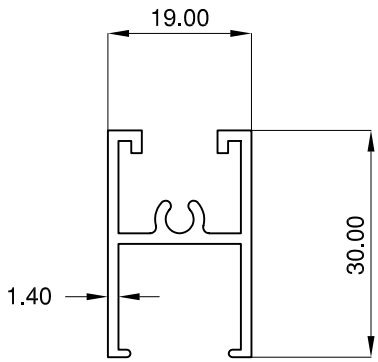
5470A

WT : 1.034 Kg/m
AP : 453.27 mm



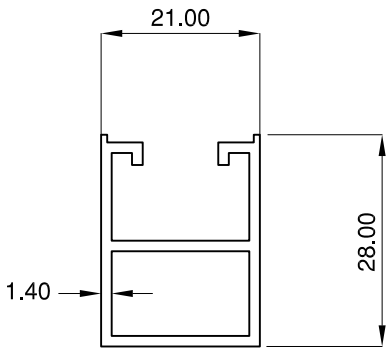
5466

WT : 0.330 Kg/m
AP : 178.40 mm



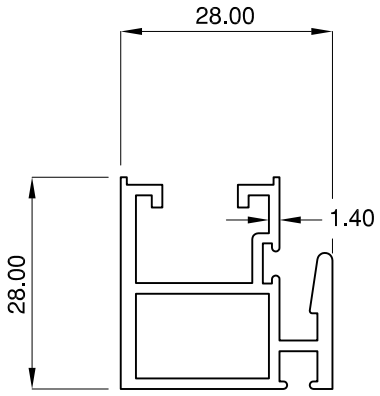
5467

WT : 0.370 Kg/m
AP : 194.31 mm



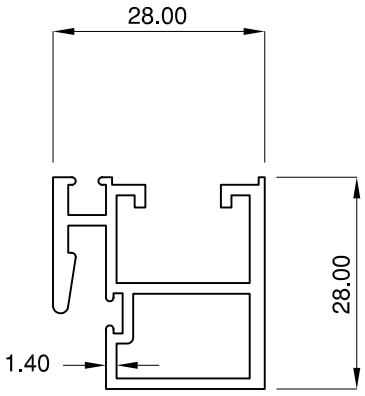
5463

WT : 0.390 Kg/m
AP : 148.80 mm



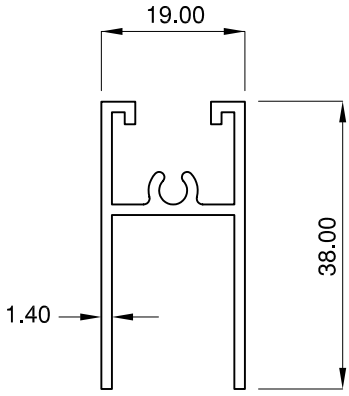
5472

WT : 0.571 Kg/m
AP : 205.32 mm



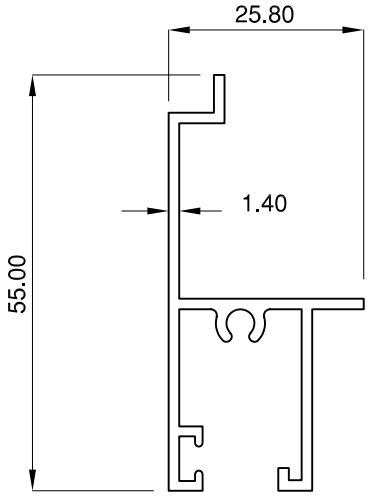
5582

WT : 0.571 Kg/m
AP : 205.66 mm



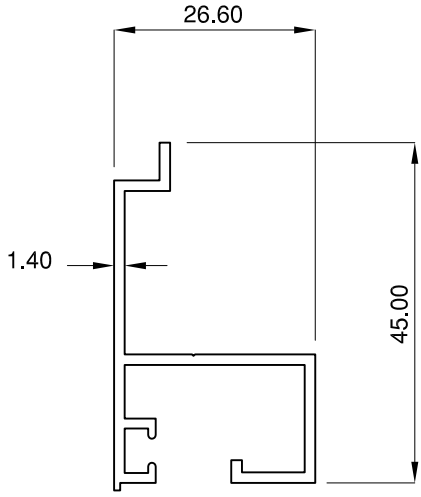
5464

WT : 0.424 Kg/m
AP : 220.00 mm



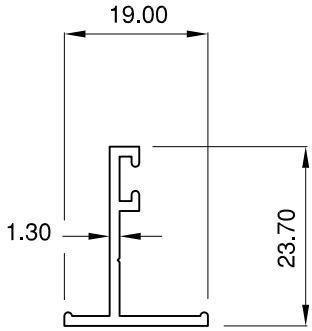
5997

WT : 0.498 Kg/m
AP : 265.90 mm



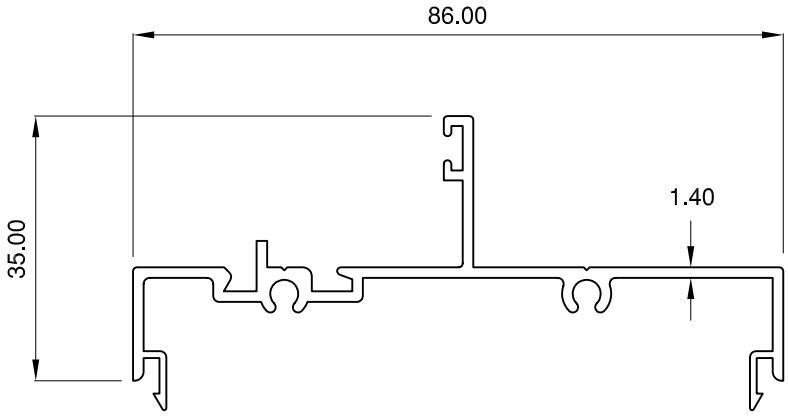
5998

WT : 0.429 Kg/m
AP : 235.10 mm



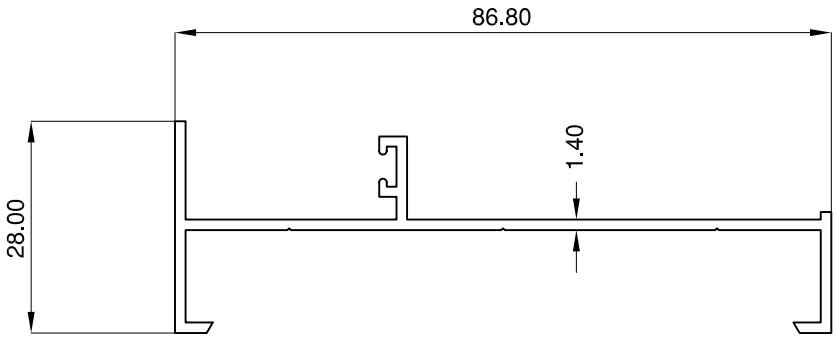
6938

WT : 0.173 Kg/m
AP : 102.26 mm



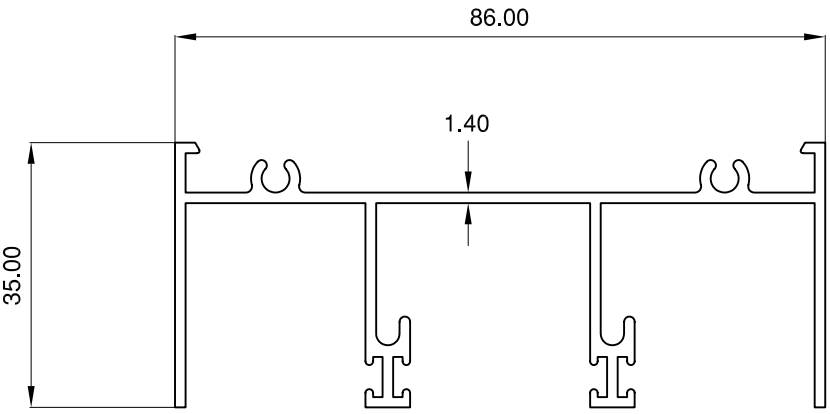
9095

WT : 0.714 Kg/m
AP : 374.95 mm



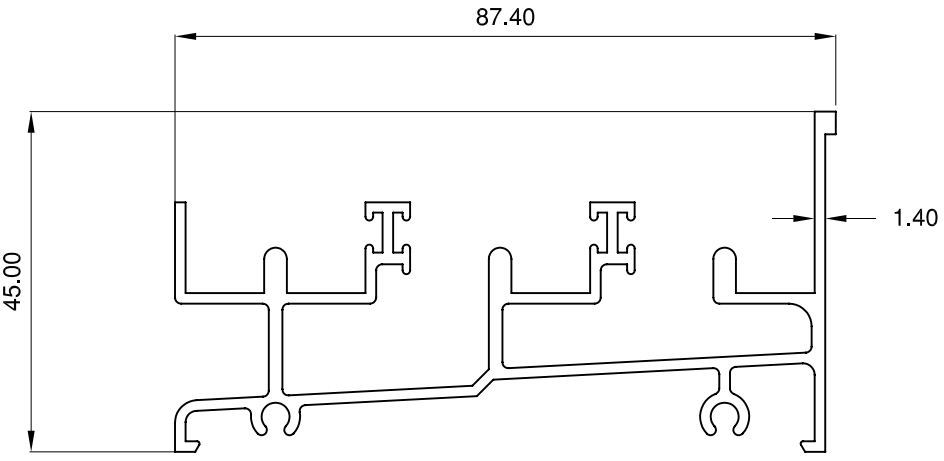
6915

WT : 0.584 Kg/m
AP : 312.80 mm



6914

WT : 0.992 Kg/m
AP : 513.83 mm



6913A

WT : 1.325 Kg/m
AP : 626.95 mm

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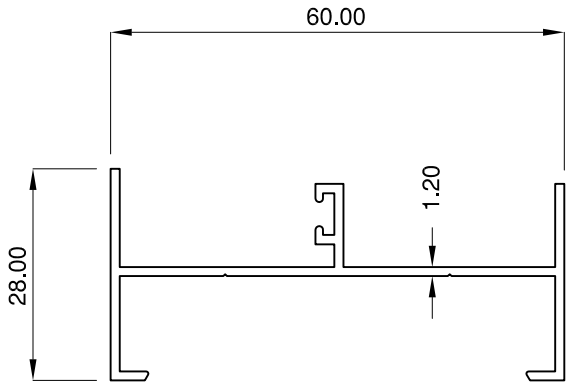
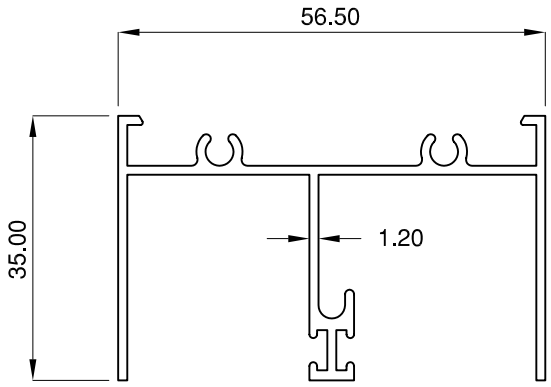


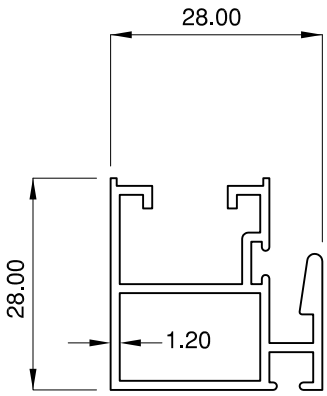
9447

WT : 0.445 Kg/m
AP : 276.05 mm



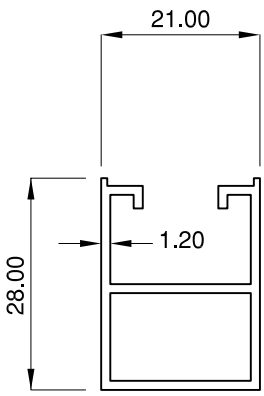
9445

WT : 0.629 Kg/m
AP : 372.21 mm



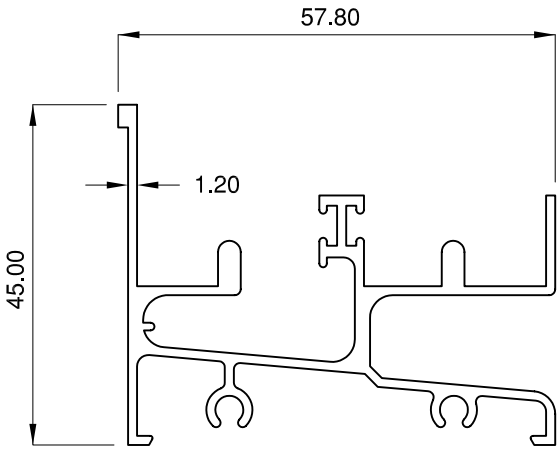
9439

WT : 0.464 Kg/m
AP : 212.87 mm



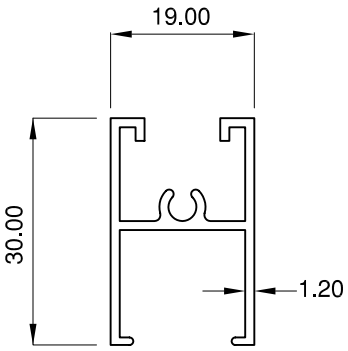
9440

WT : 0.341 Kg/m
AP : 150.40 mm



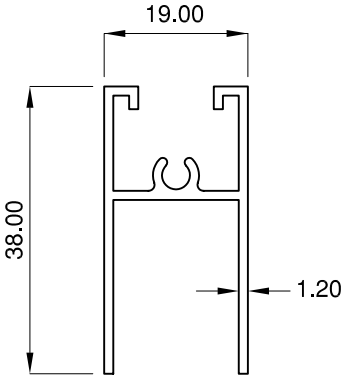
9446A

WT : 0.898 Kg/m
AP : 457.56 mm



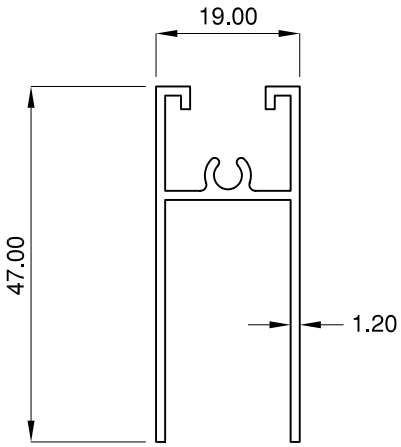
9448

WT : 0.323 Kg/m
AP : 196.75 mm



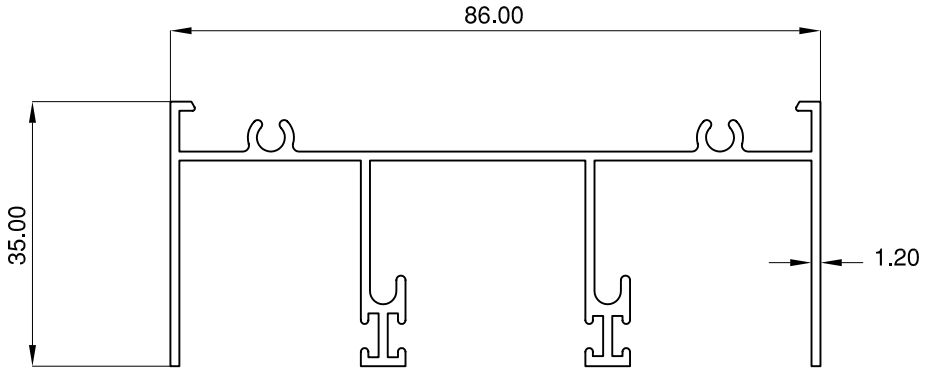
9449

WT : 0.368 Kg/m
AP : 222.96 mm



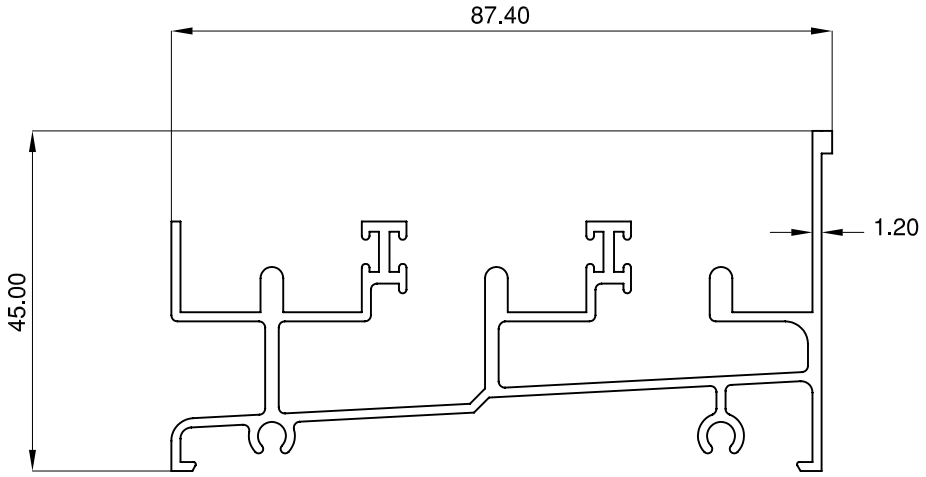
15281

WT : 0.427 Kg/m
AP : 258.96 mm



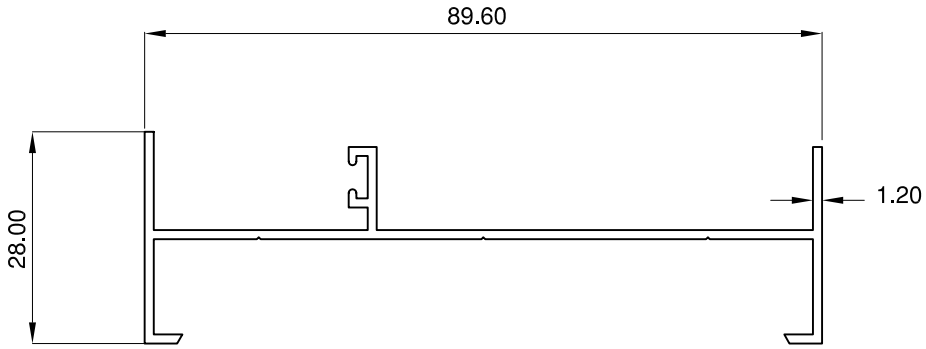
9442

WT : 0.877 Kg/m
AP : 516.76 mm



9443A

WT : 1.208 Kg/m
AP : 628.35 mm



9444

WT : 0.539 Kg/m
AP : 335.59 mm

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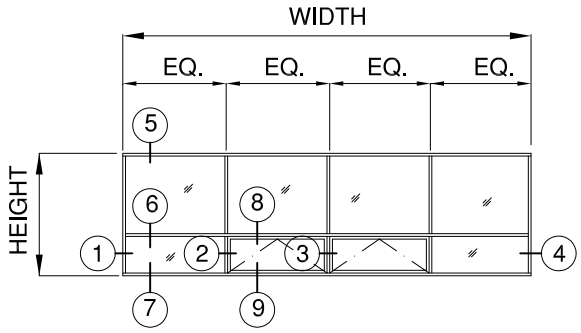
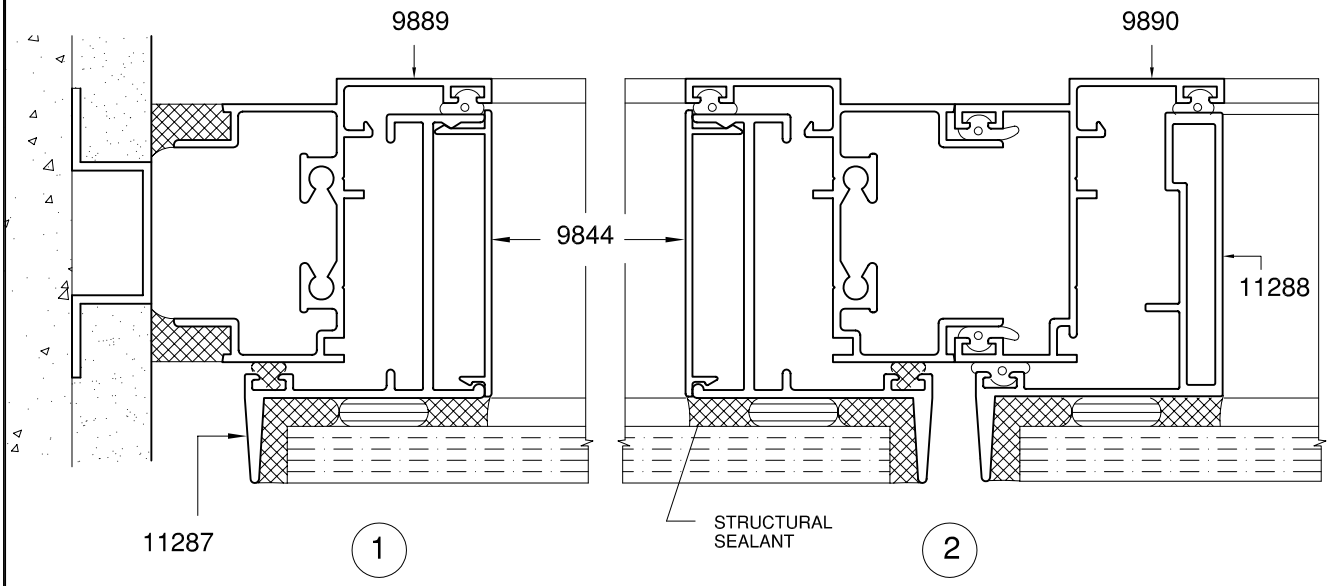
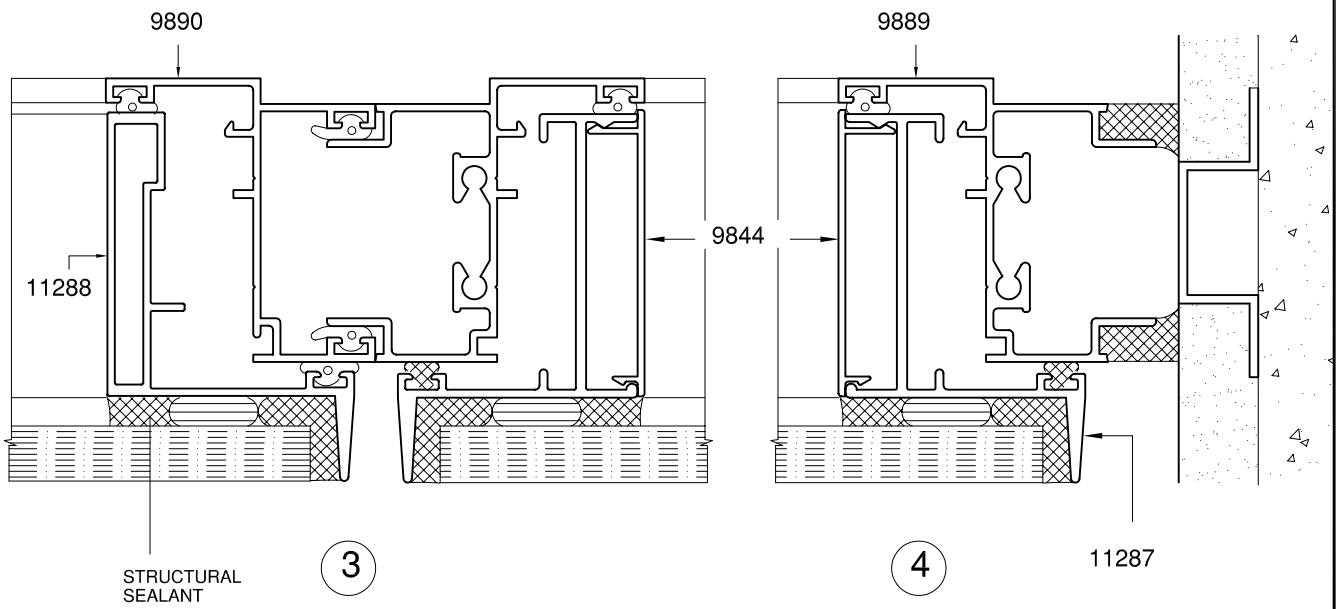


ELEVATION



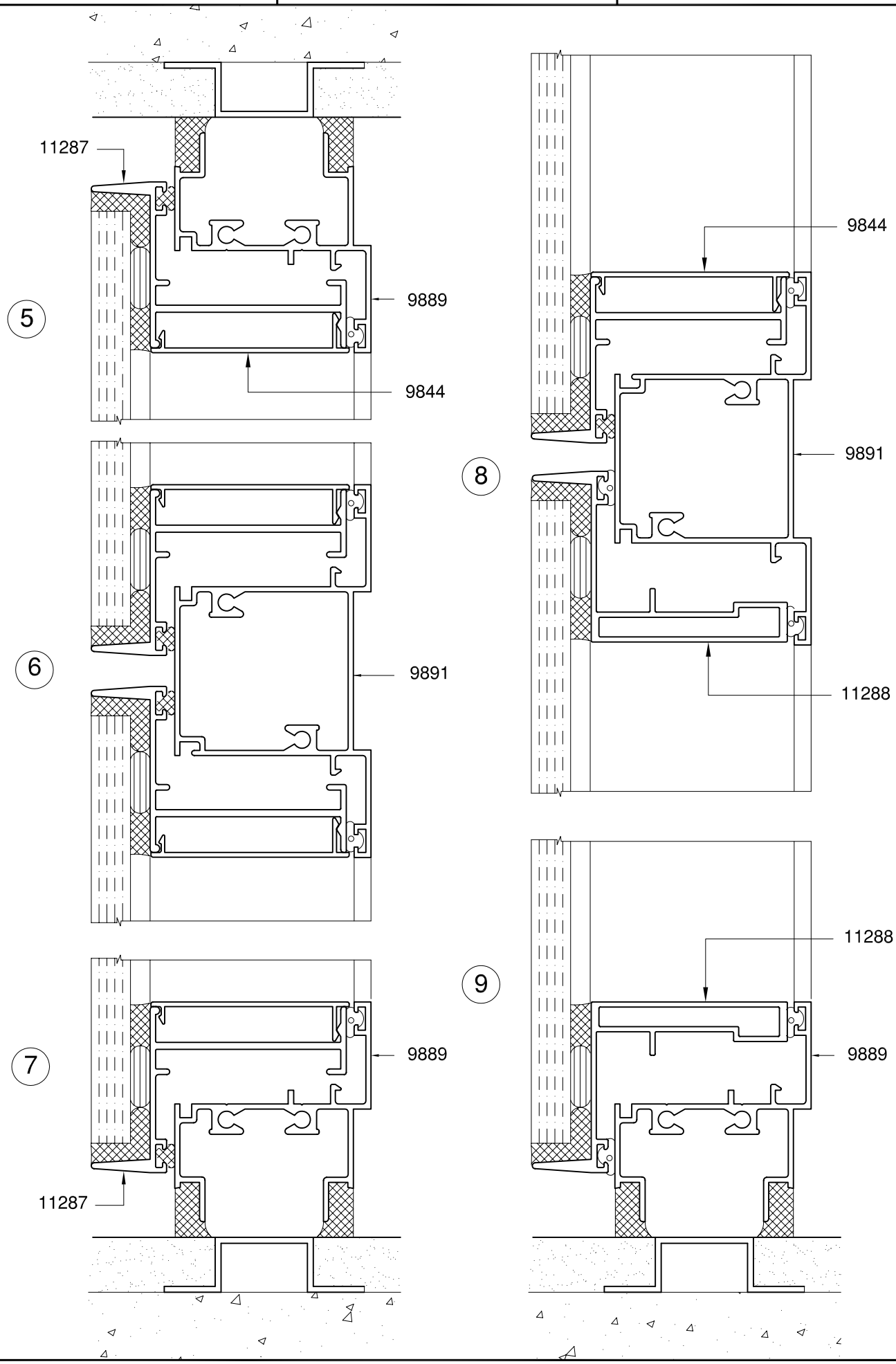


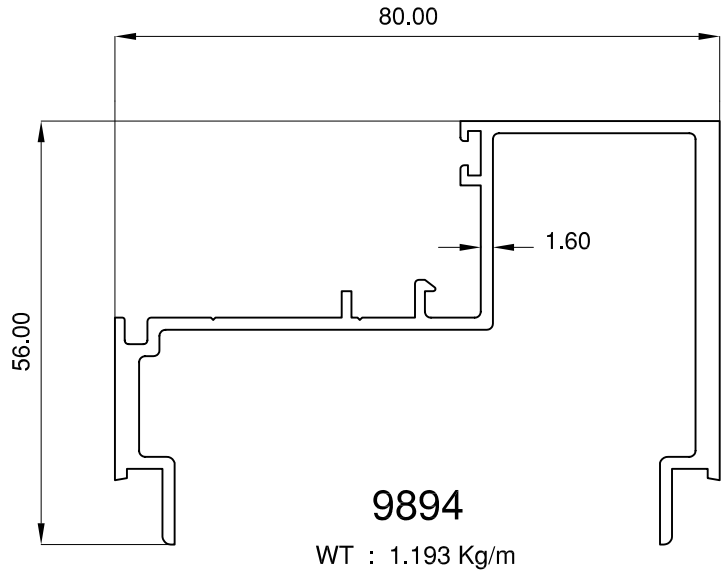
PRESS METAL
ACE High Performance Systems

WINDOW

WINDOW WALL S

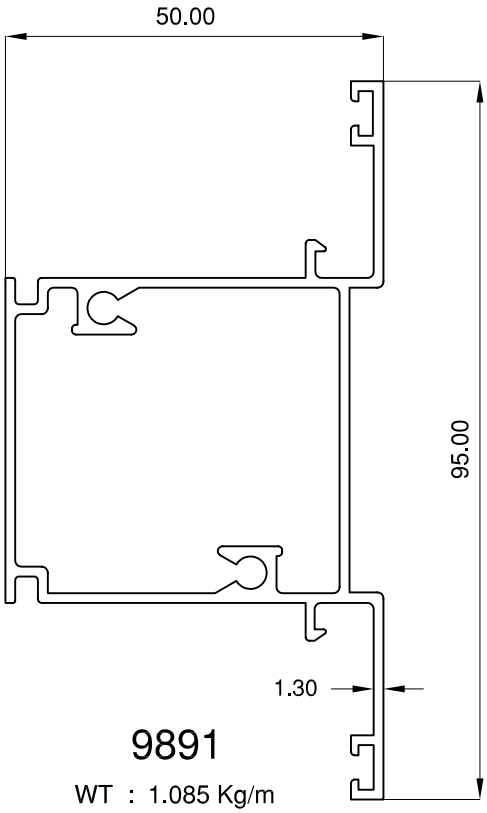
REF	:	WWS	Page: 2
DATE	:	1.1.2015	
REPLACES	:	·	





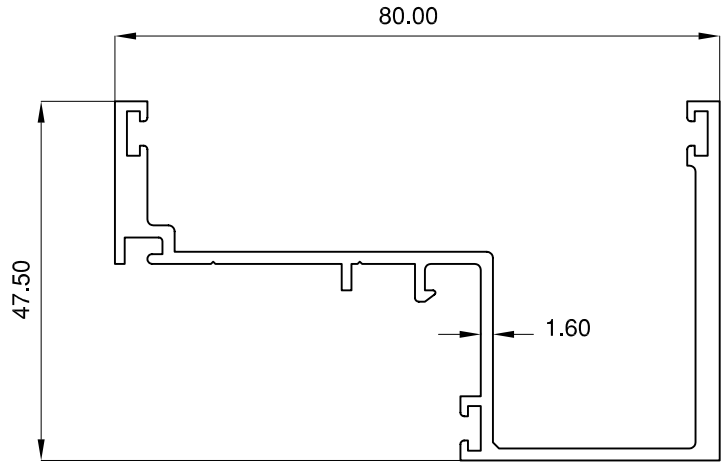
9894

WT : 1.193 Kg/m
AP : 439.29 mm



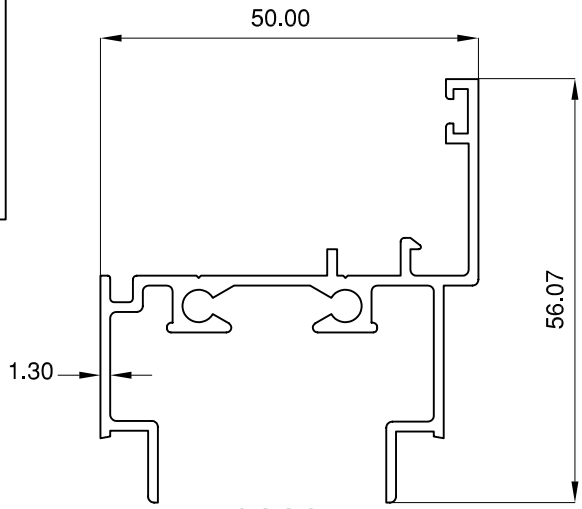
9891

WT : 1.085 Kg/m
AP : 366.99 mm



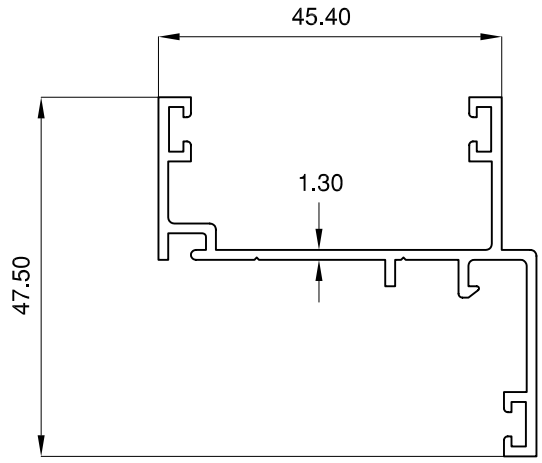
9895

WT : 1.088 Kg/m
AP : 412.70 mm



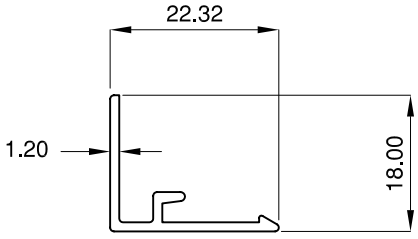
9889

WT : 0.735 Kg/m
AP : 384.84 mm



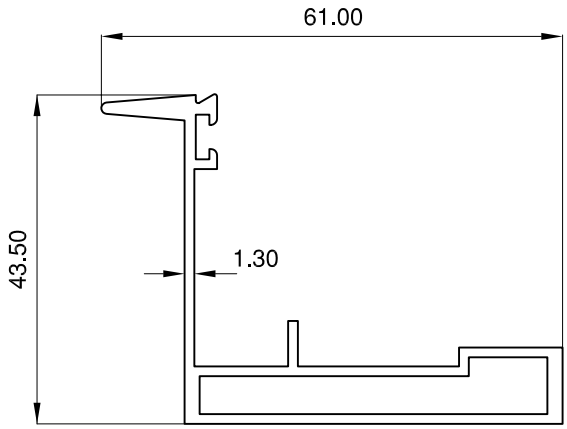
9890

WT : 0.550 Kg/m
AP : 313.12 mm



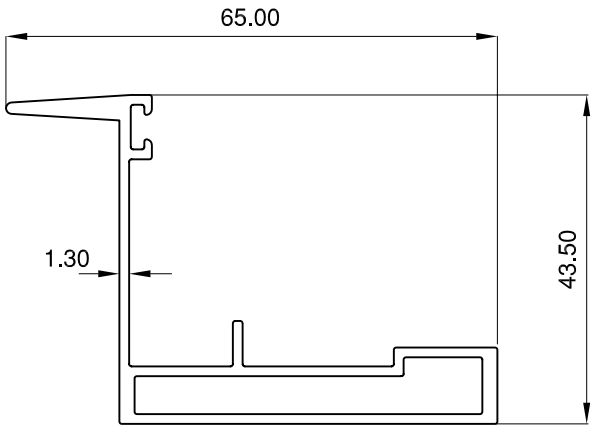
9877

WT : 0.152 Kg/m
AP : 93.18 mm



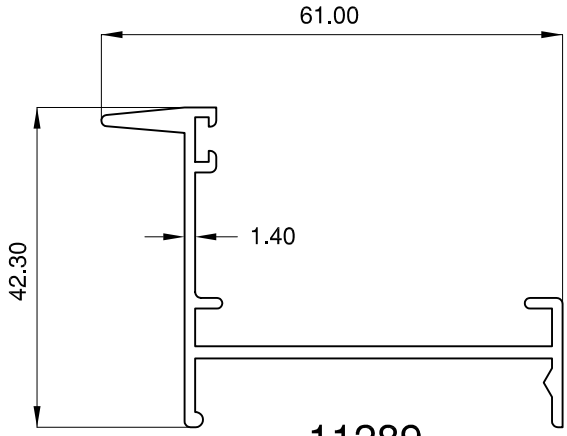
9893

WT : 0.680 Kg/m
AP : 241.10 mm



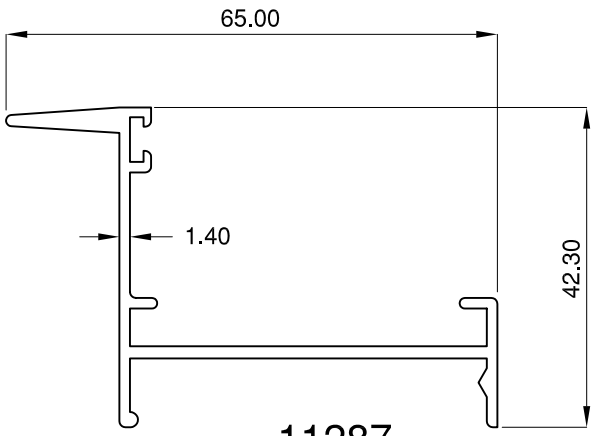
11288

WT : 0.701 Kg/m
AP : 245.39 mm



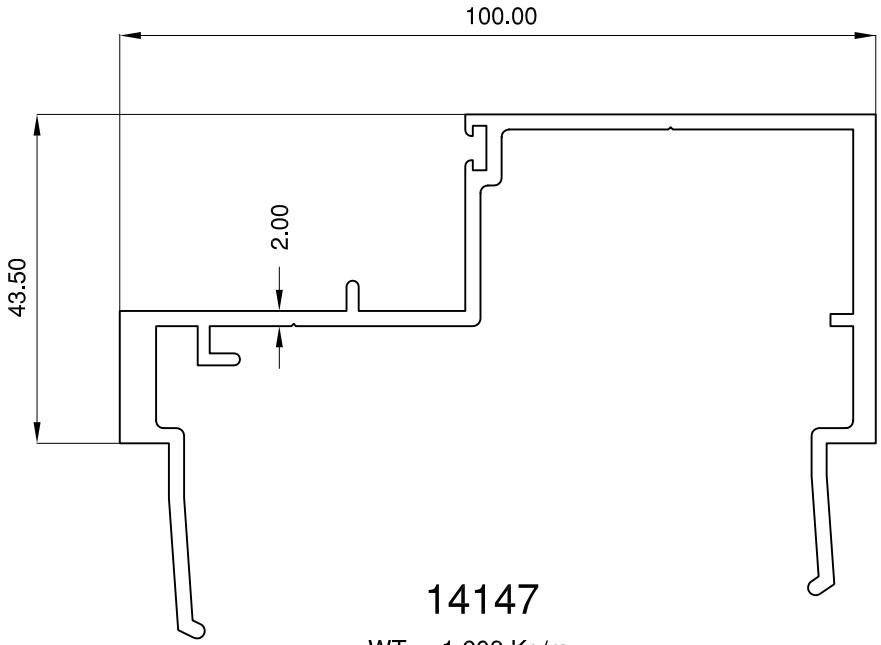
11289

WT : 0.560 Kg/m
AP : 264.39 mm



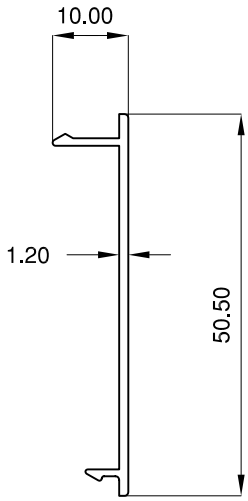
11287

WT : 0.587 Kg/m
AP : 272.37 mm



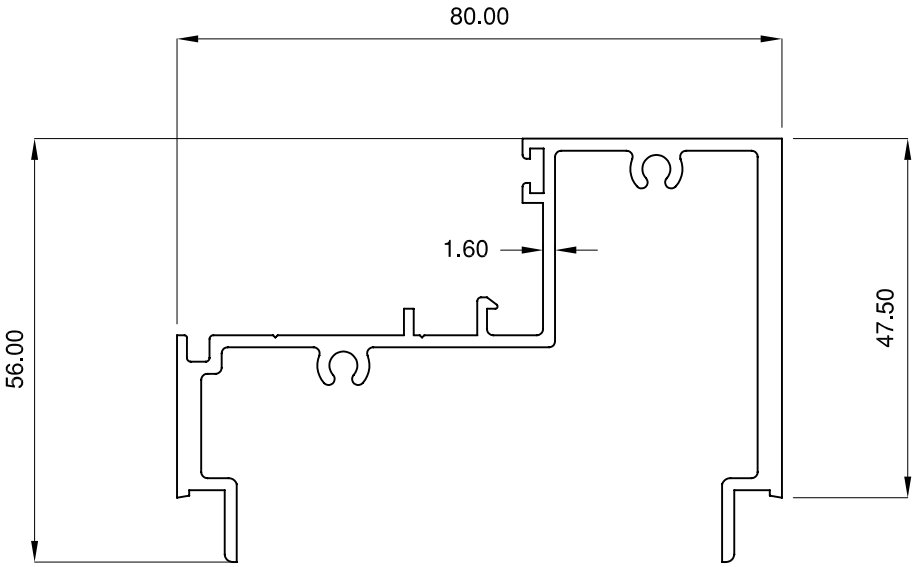
14147

WT : 1.608 Kg/m
AP : 520.52 mm



9844

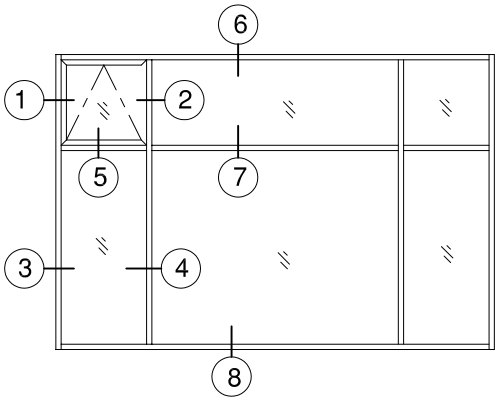
WT : 0.204 Kg/m
AP : 130.33 mm



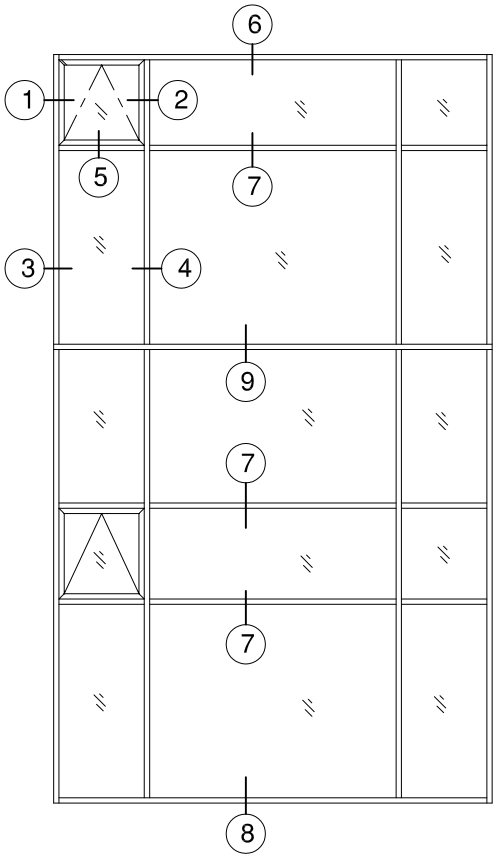
17753

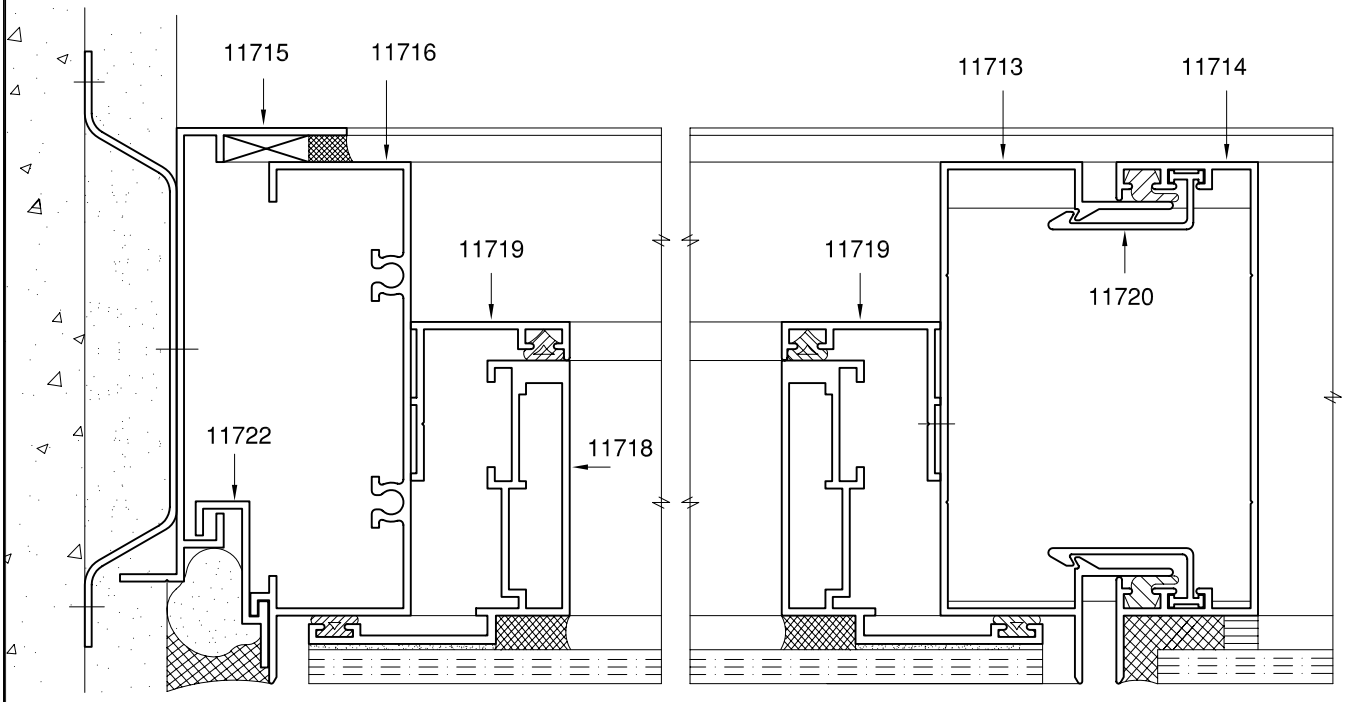
WT : 1.300 Kg/m
AP : 472.50 mm

PRESS METAL ACE High Performance Systems	WINDOW	REF : WWU2 Page: 1
	WINDOW WALL U2	DATE : 1.1.2015
		REPLACES :



ELEVATION





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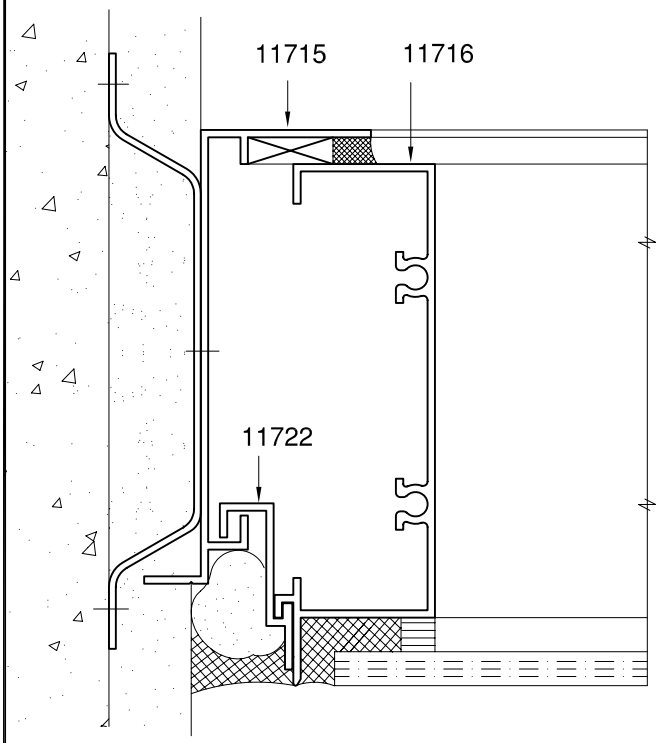

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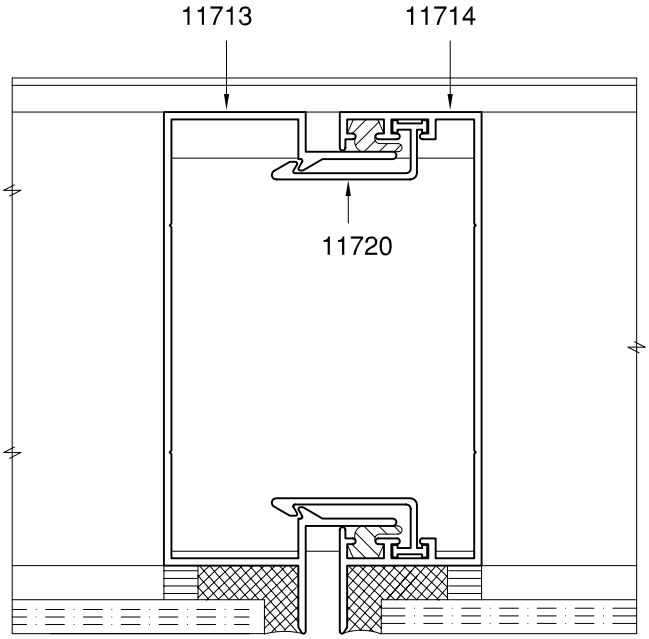

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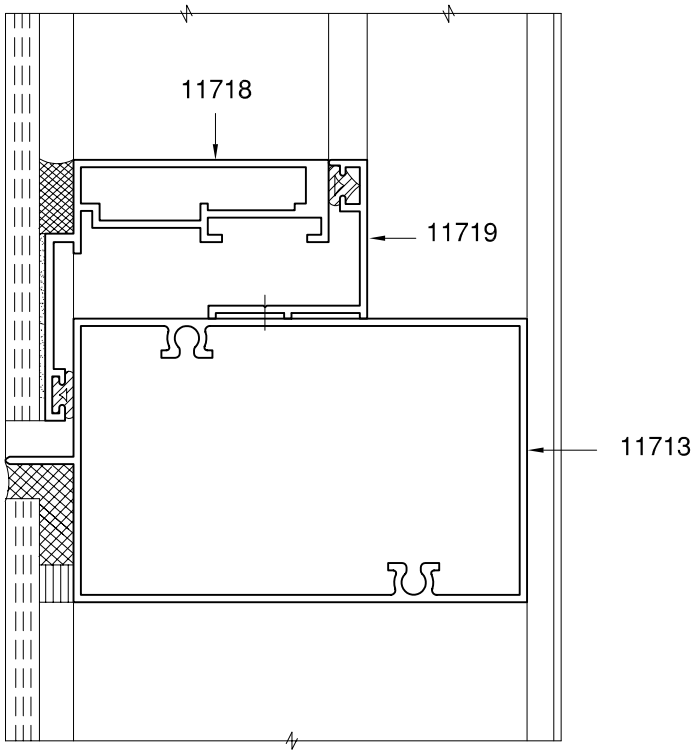

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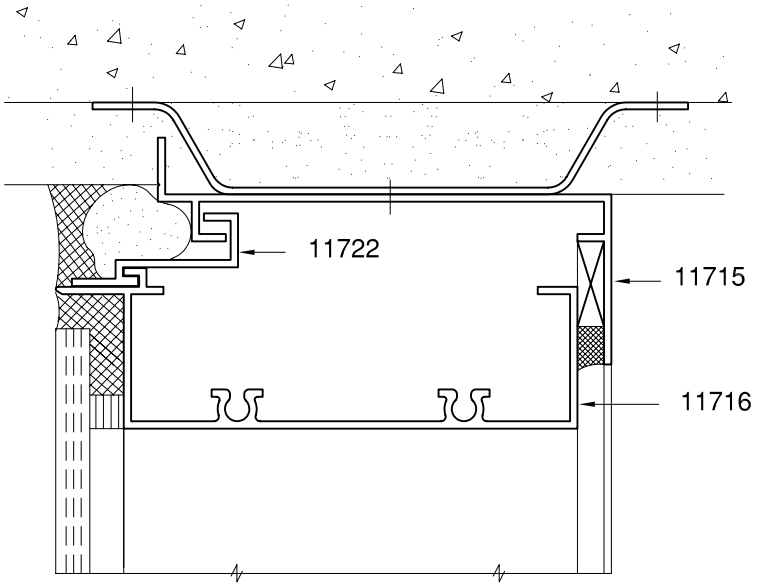

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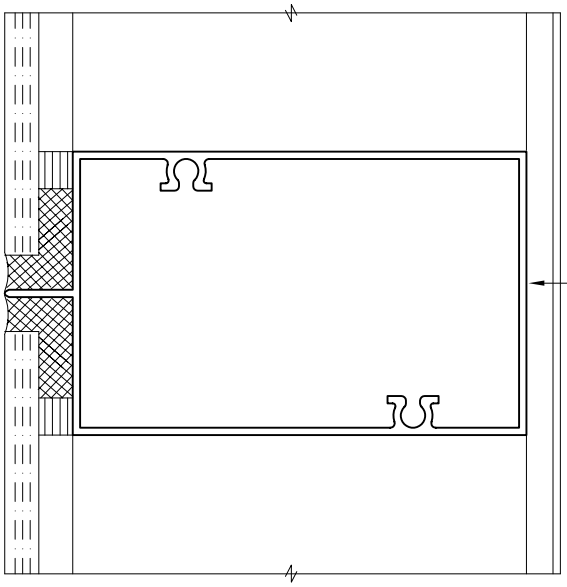

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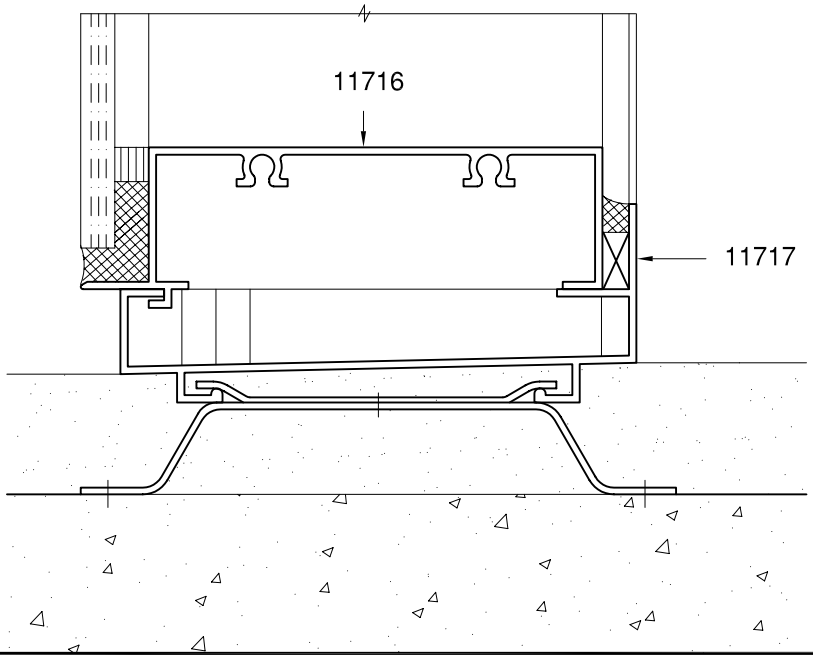
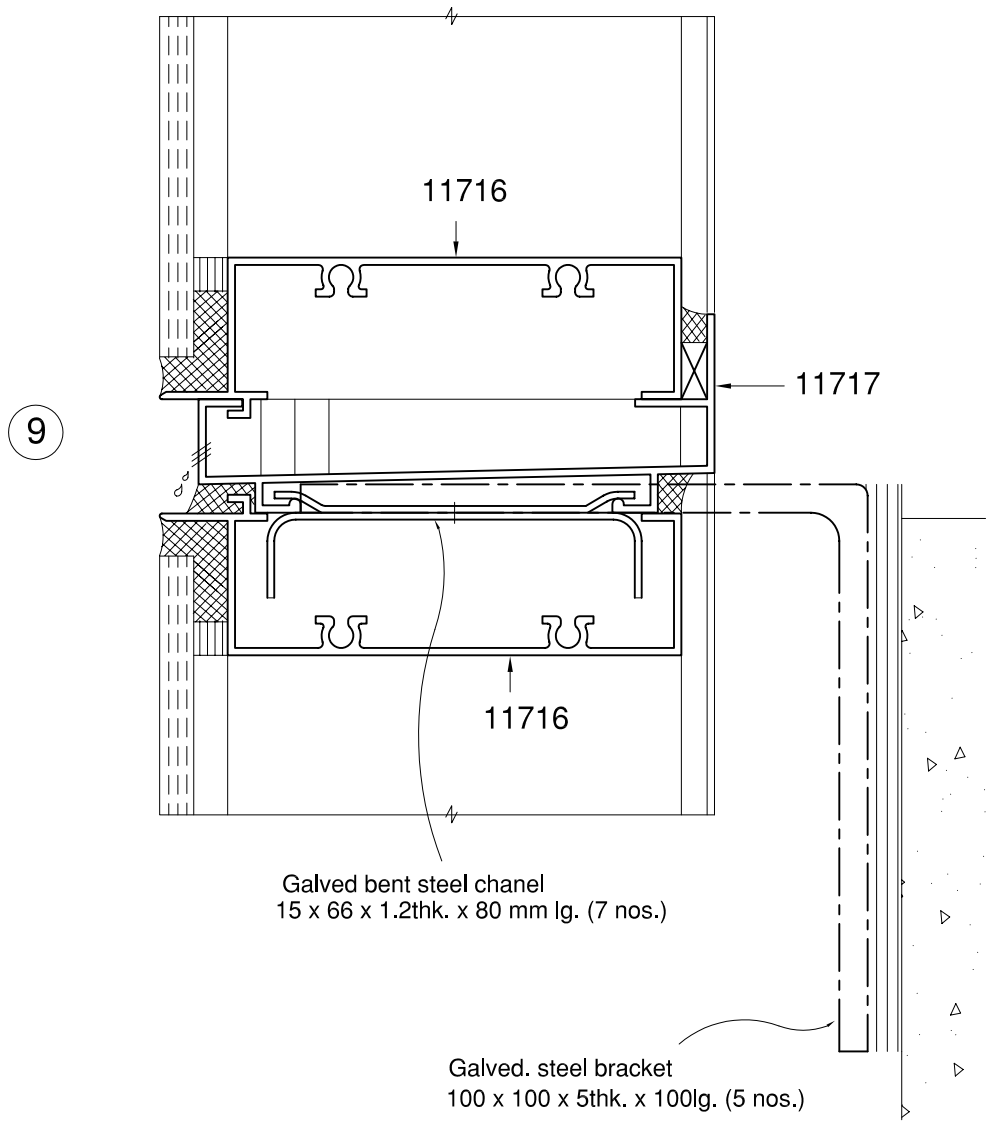
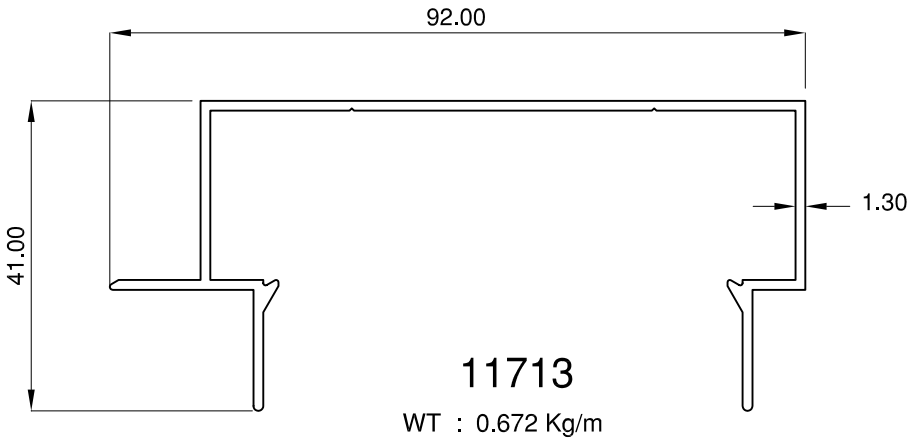
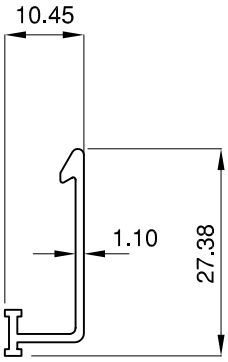






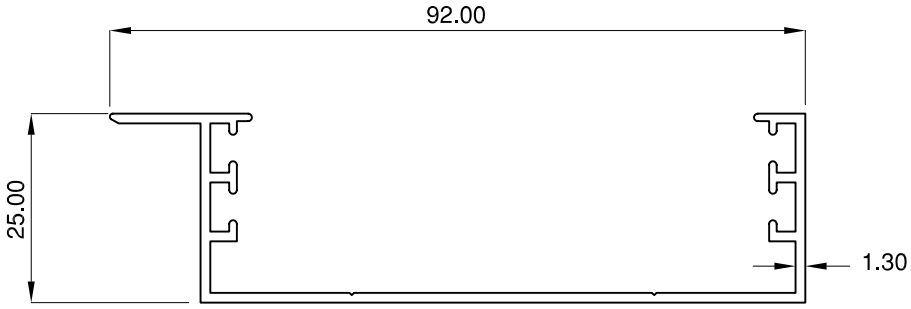
11713

WT : 0.672 Kg/m
AP : 378.43 mm



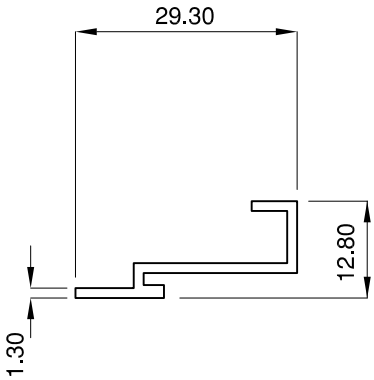
11720A

WT : 0.137 Kg/m
AP : 88.58 mm



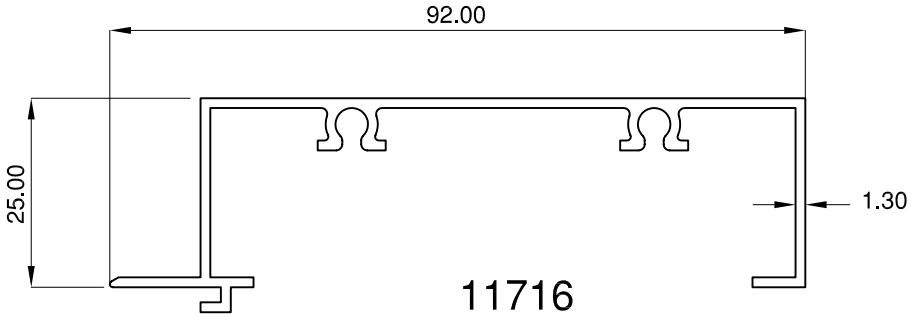
11714

WT : 0.602 Kg/m
AP : 350.90 mm



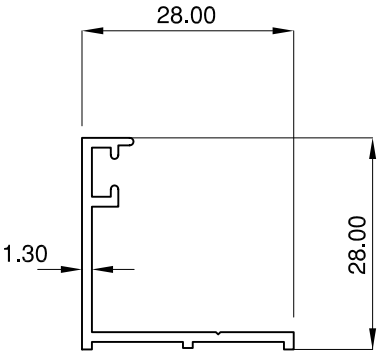
11722

WT : 0.172 Kg/m
AP : 99.00 mm



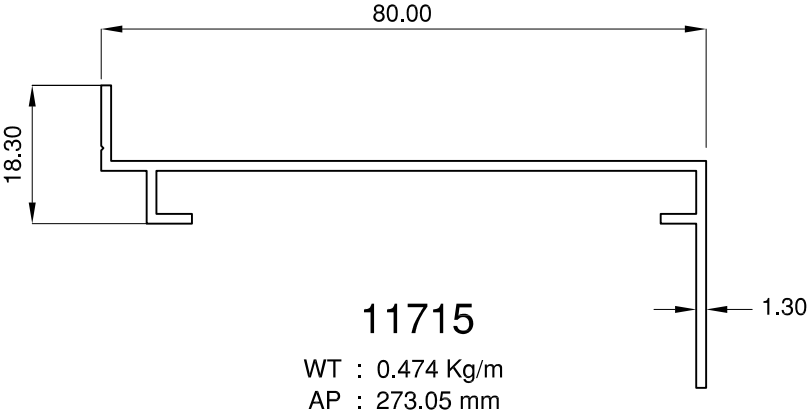
11716

WT : 0.668 Kg/m
AP : 368.61 mm



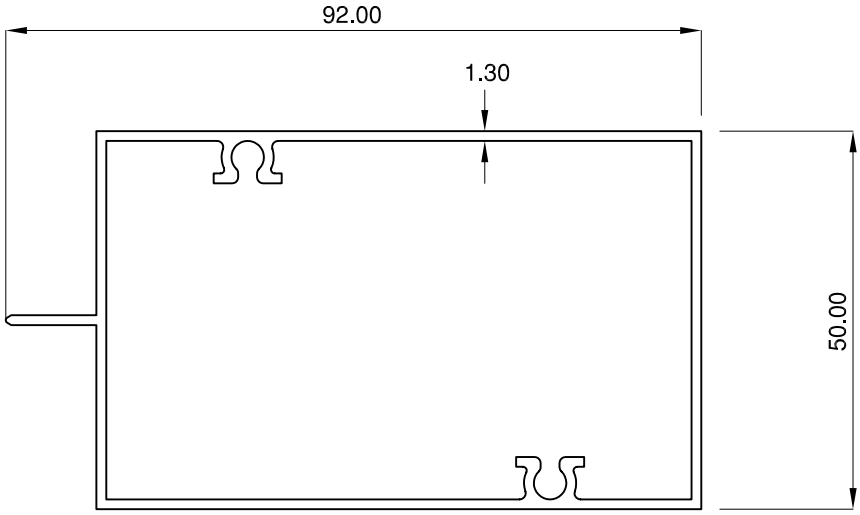
11719

WT : 0.235 Kg/m
AP : 138.56 mm



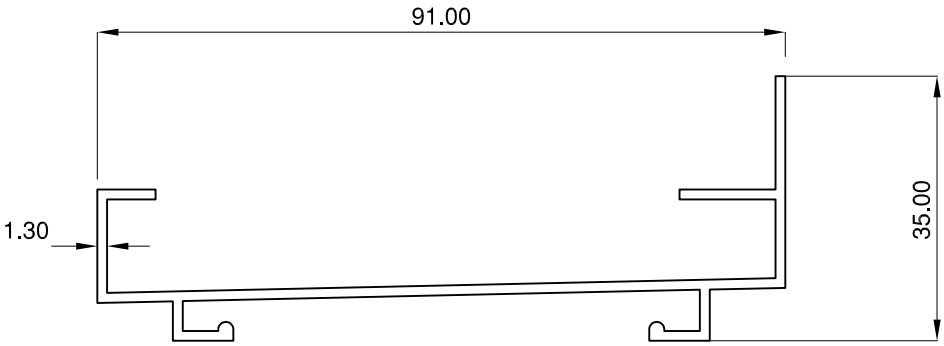
11715

WT : 0.474 Kg/m
AP : 273.05 mm



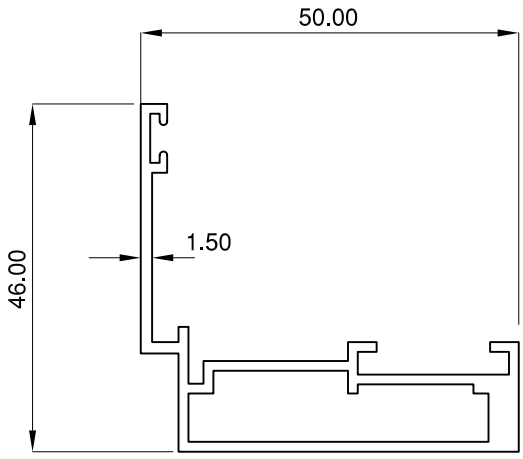
11721

WT : 1.054 Kg/m
AP : 283.30 mm



11717

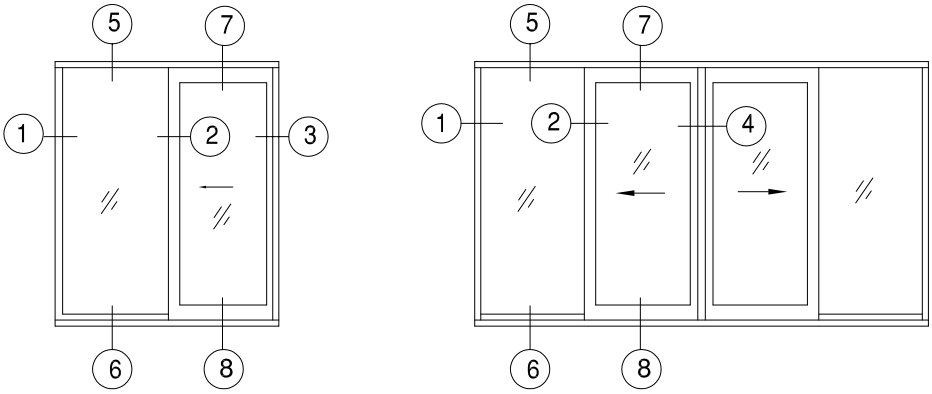
WT : 0.628 Kg/m
AP : 357.53 mm

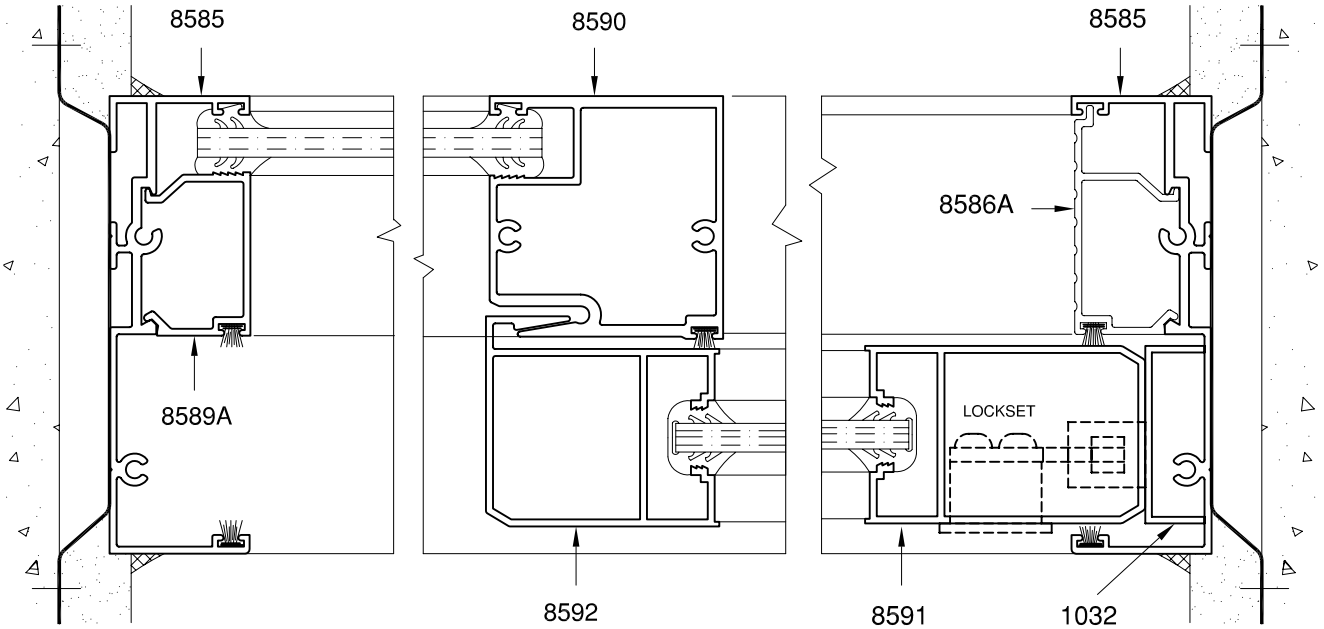


11718

WT : 0.681 Kg/m
AP : 239.24 mm

PRESS METAL ACE High Performance Systems	SLIDING DOOR	REF : CD Page: 1
	COMDOOR™	DATE : 1.1.2015
		REPLACES :





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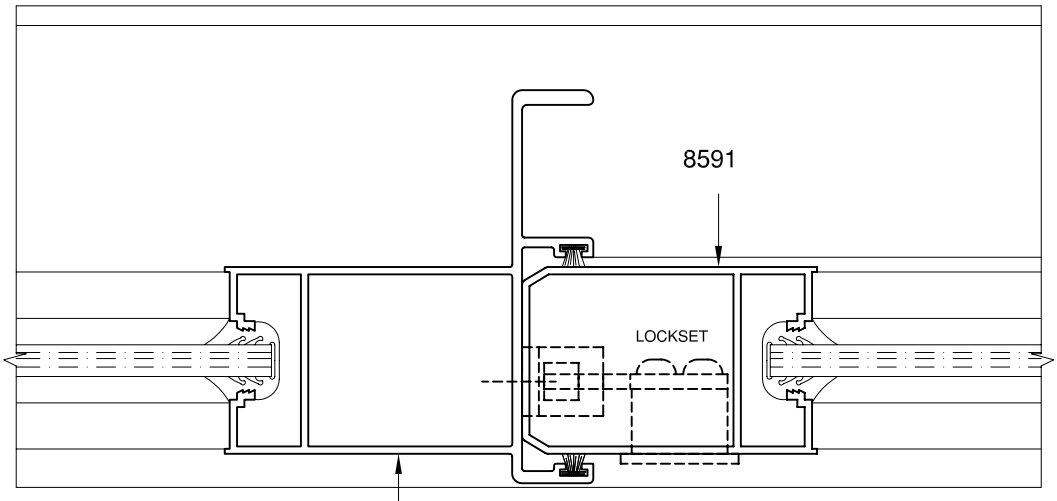

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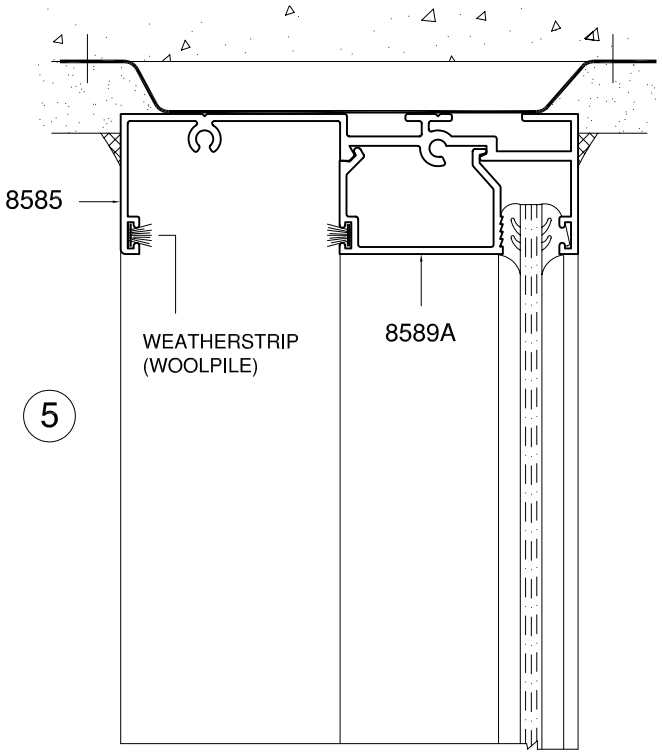

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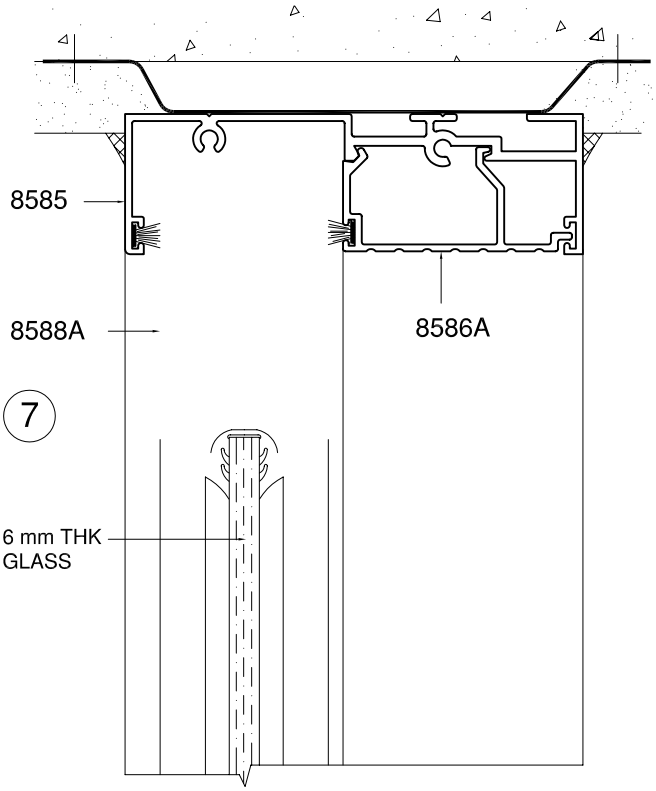

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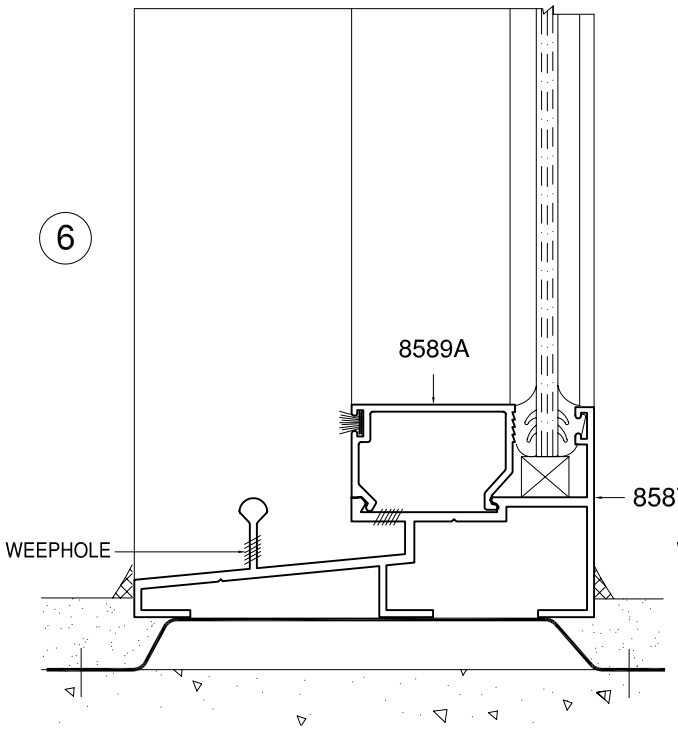

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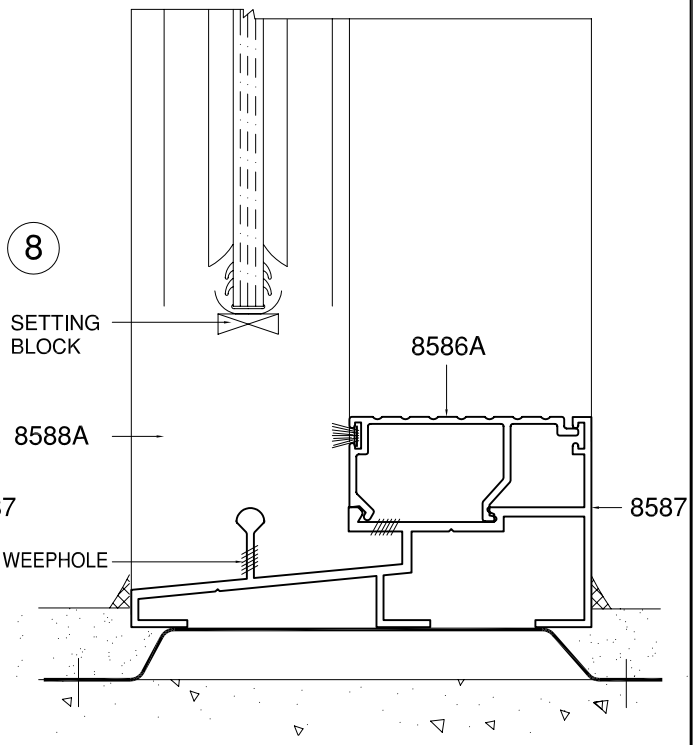

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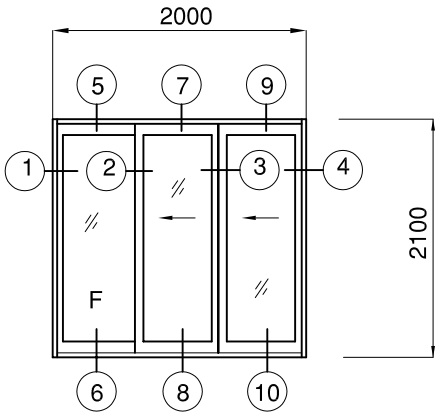
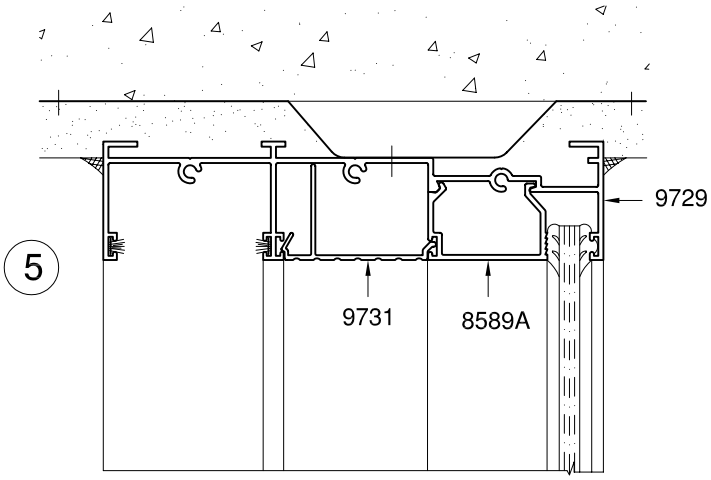
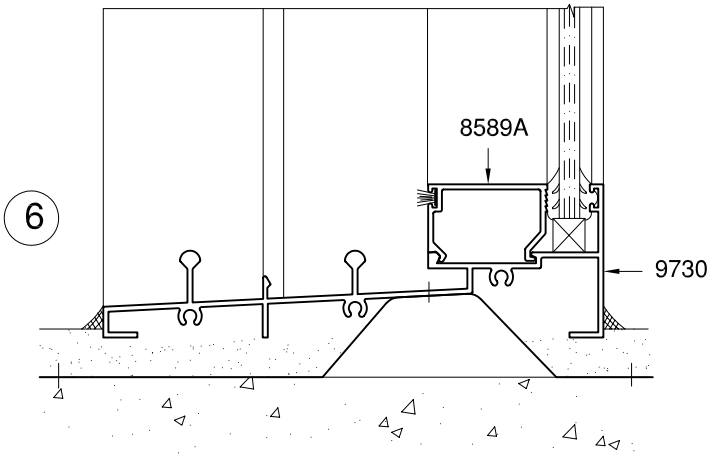
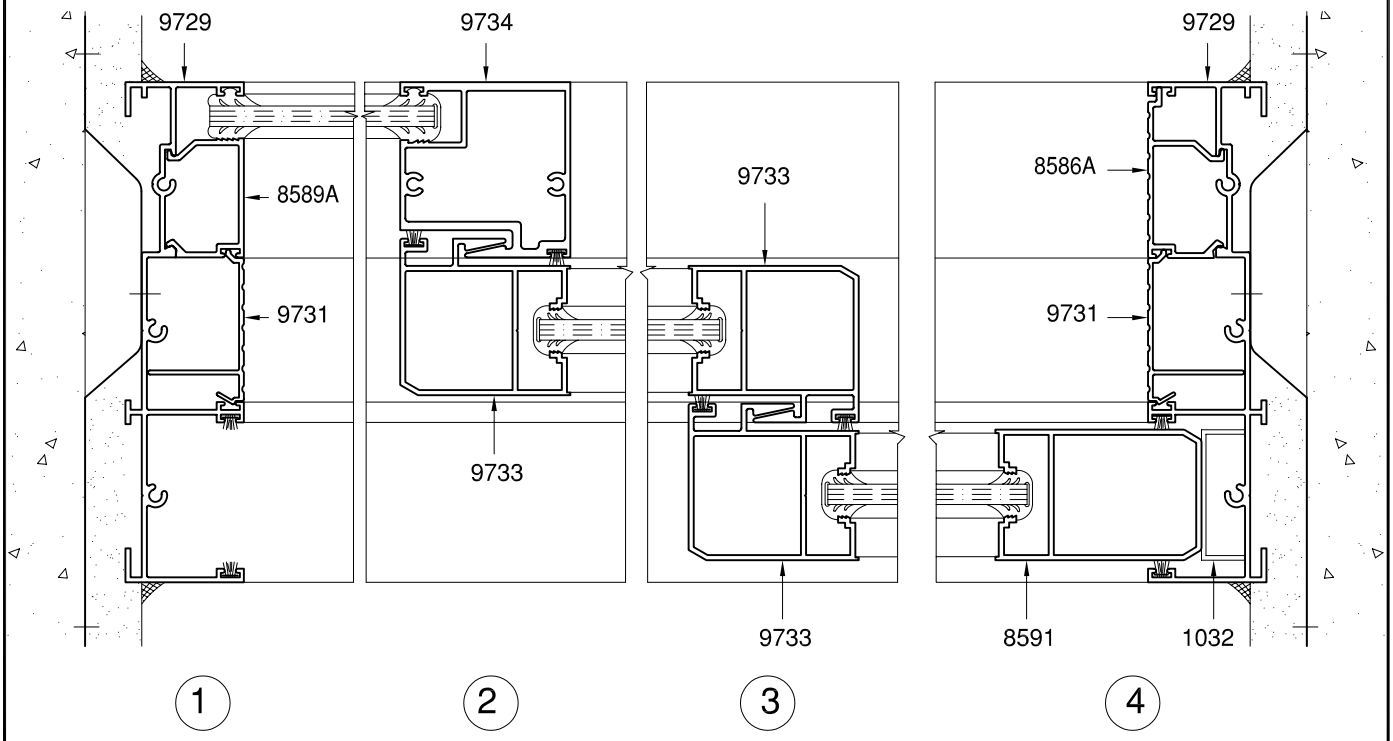
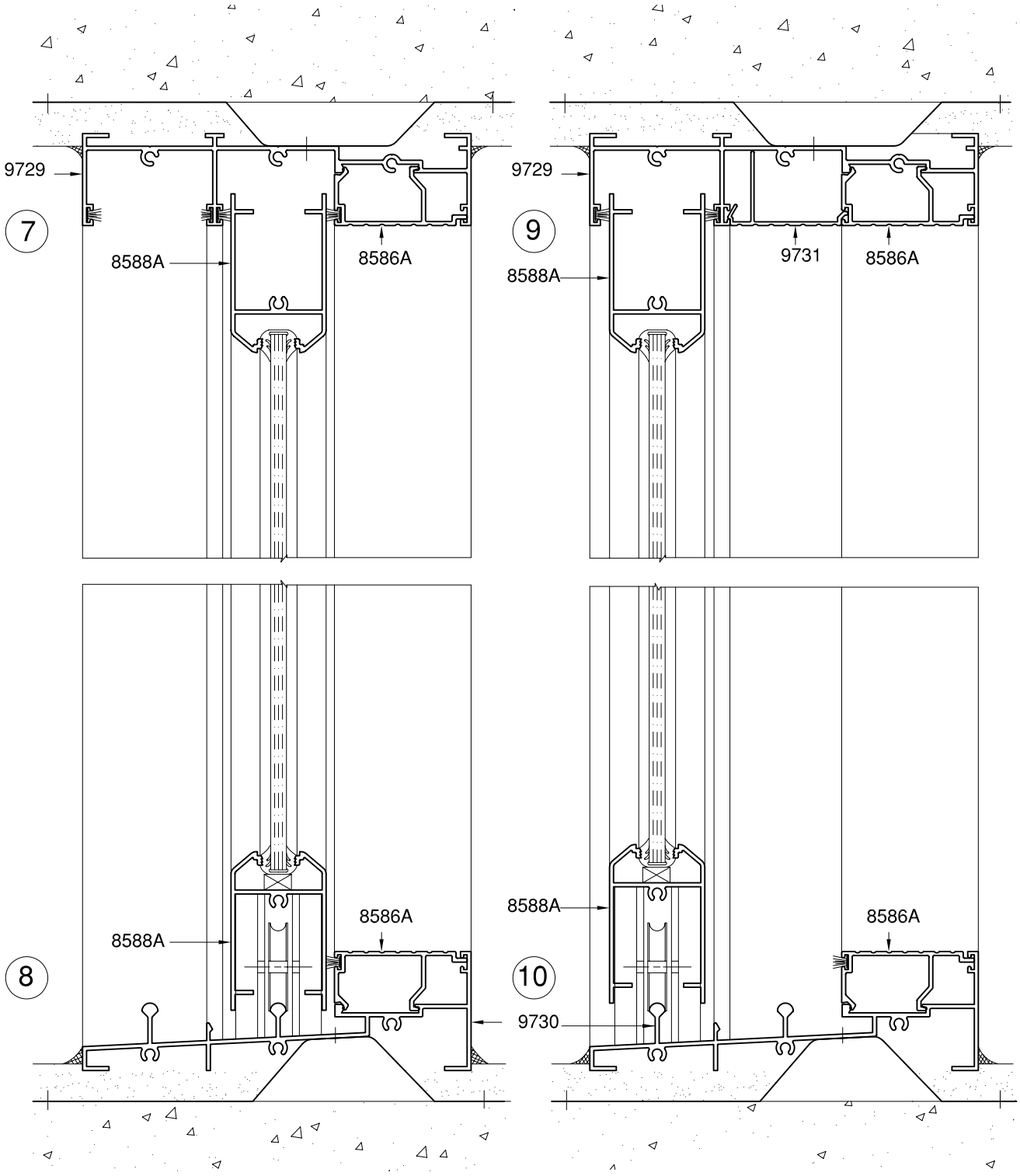


ELEVATION





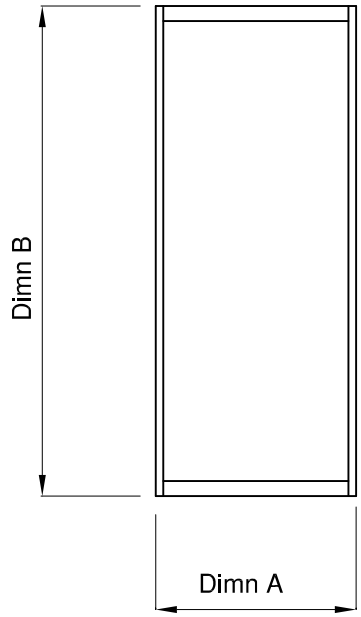




METHOD

1. Cut rails and stiles accurately to size

2. Mark hole position accurately on top and bottom of stiles.

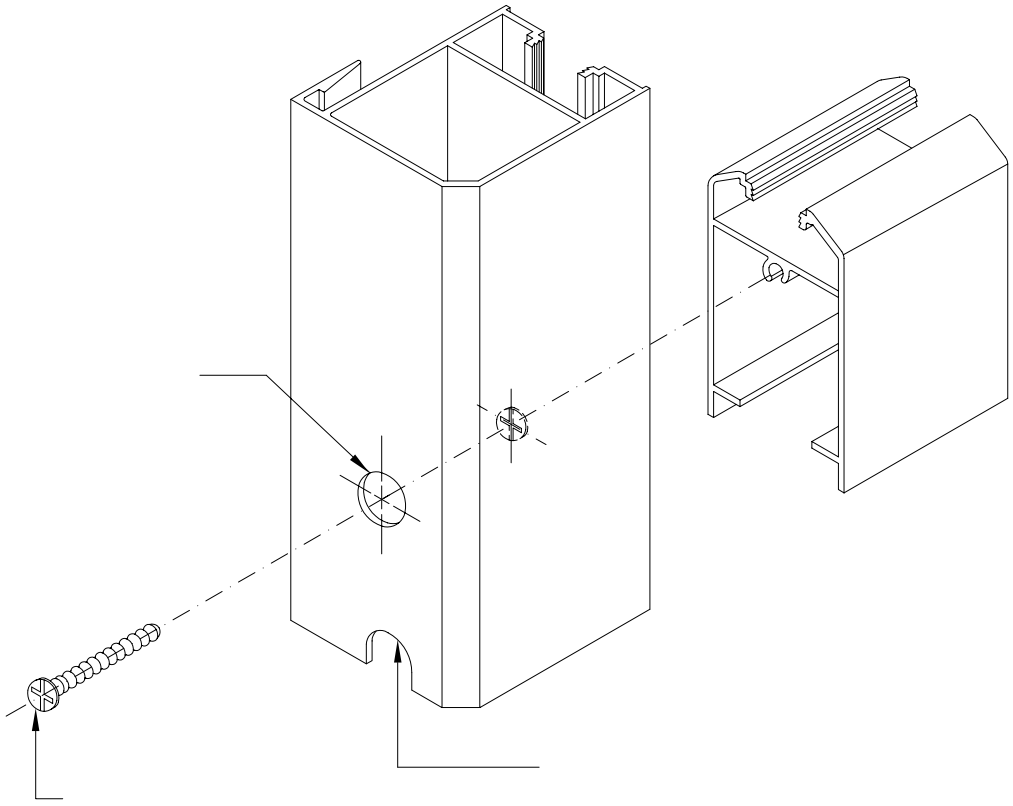


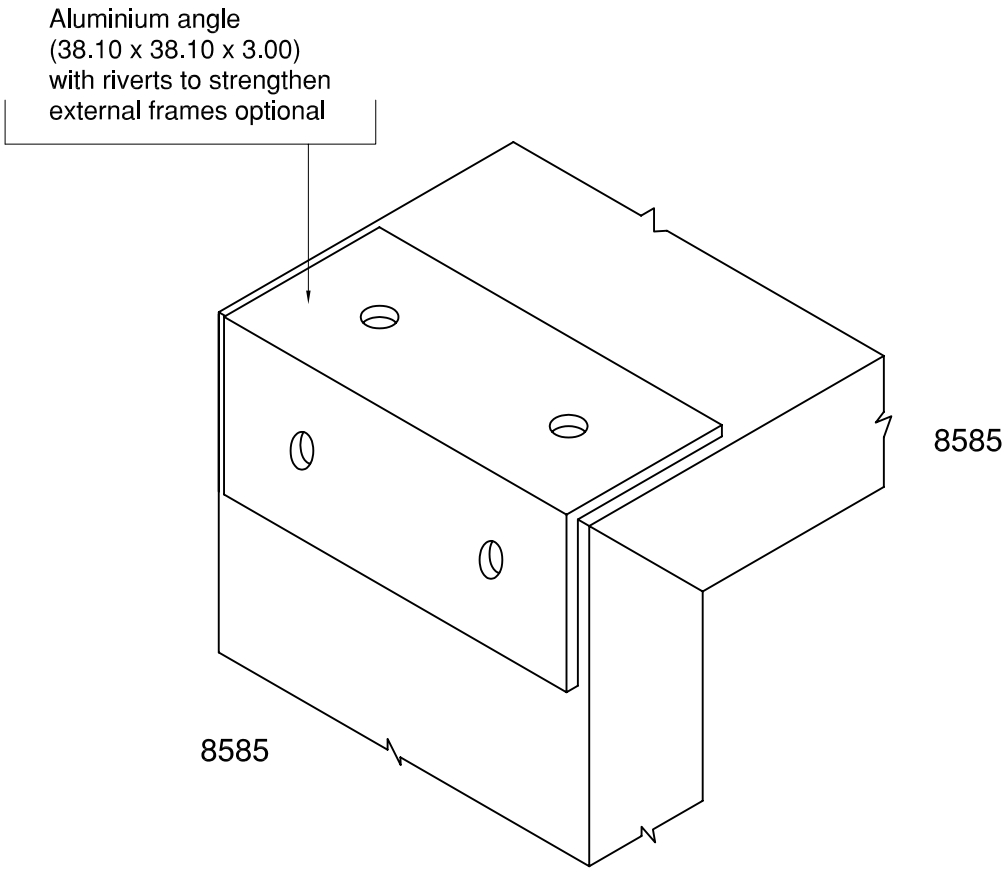
NOTES:

This door is assembled around glass and the actual screw fixing of joint is done at the latter part of the total assembly.

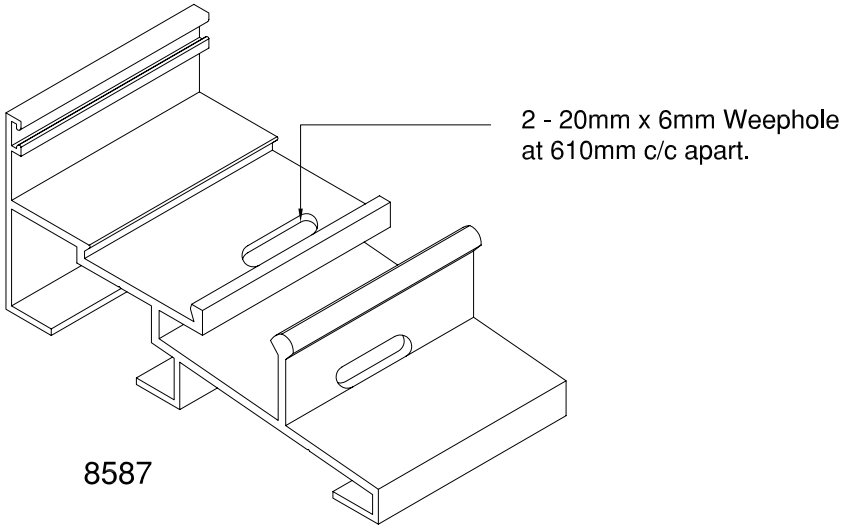
Rail size (Dimn A) = Door width

Stile size (Dimn B) = Door height





MITRE JOINT FOR JAMBS & TOP TRACK



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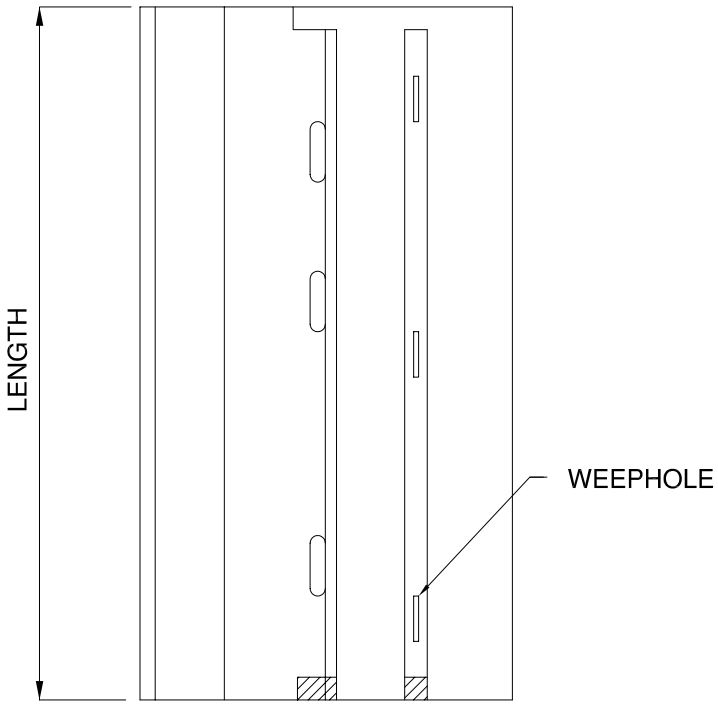
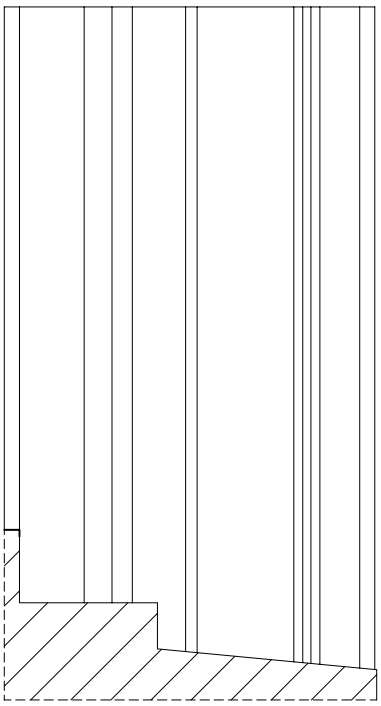
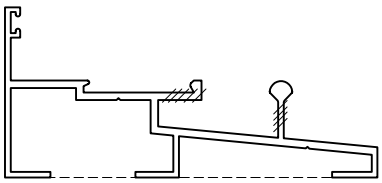


PLAN VIEW

8585



PLAN VIEW



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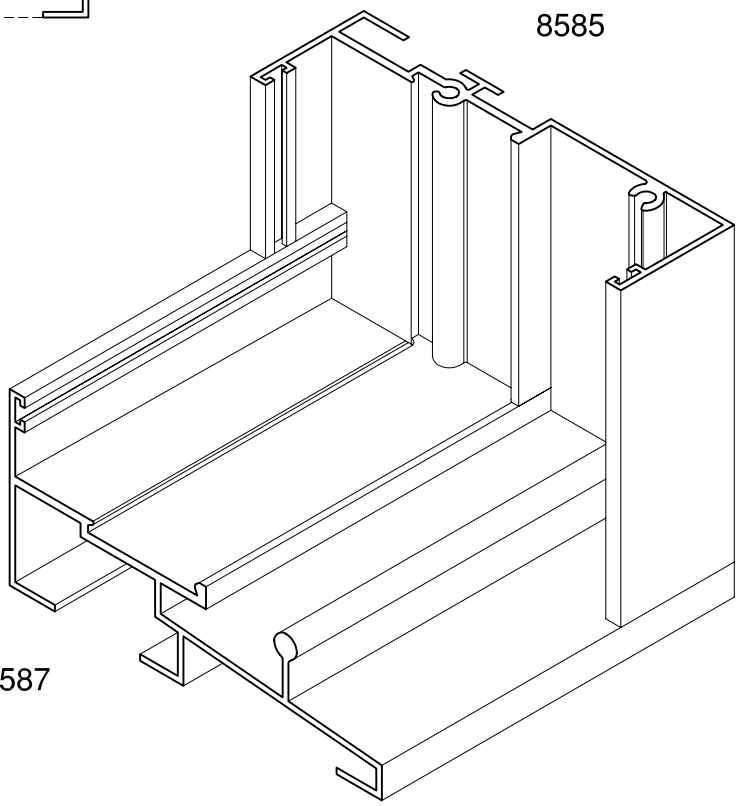
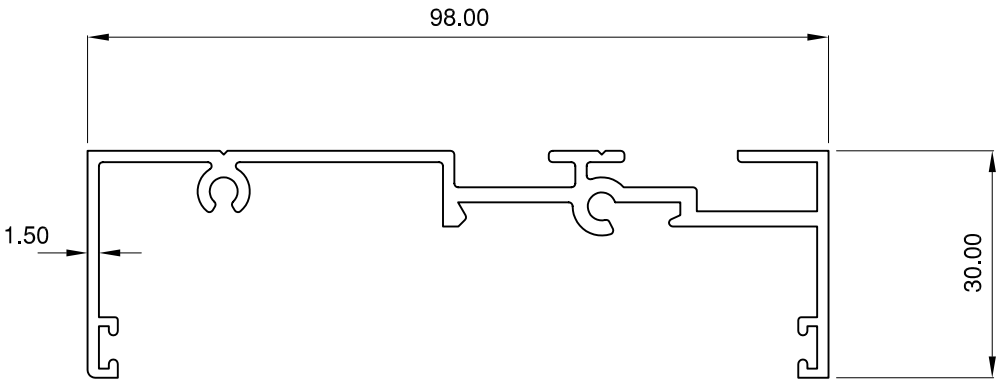


8587

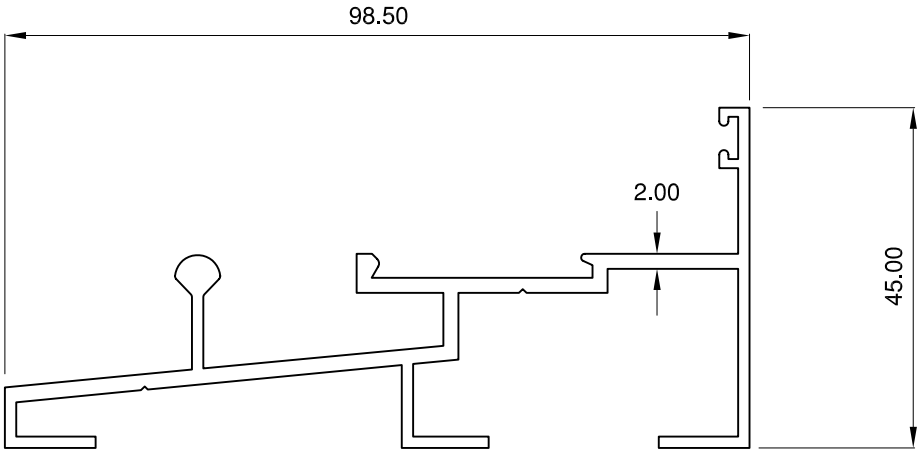
BUTT JOINT FOR
JAMB & SILL

ISOMETRIC VIEW



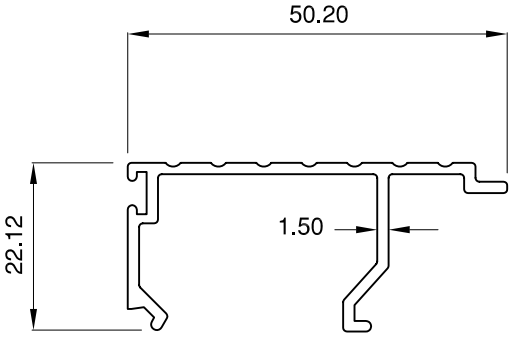
8585

WT : 1.005 Kg/m
AP : 447.63 mm



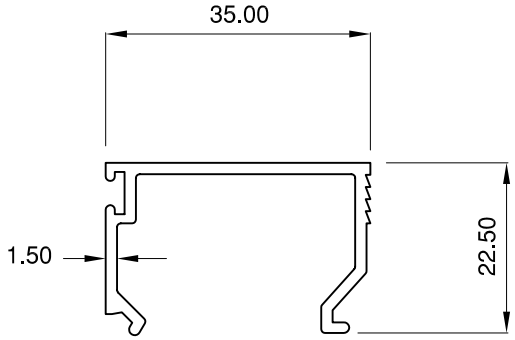
8587

WT : 1.193 Kg/m
AP : 488.27 mm



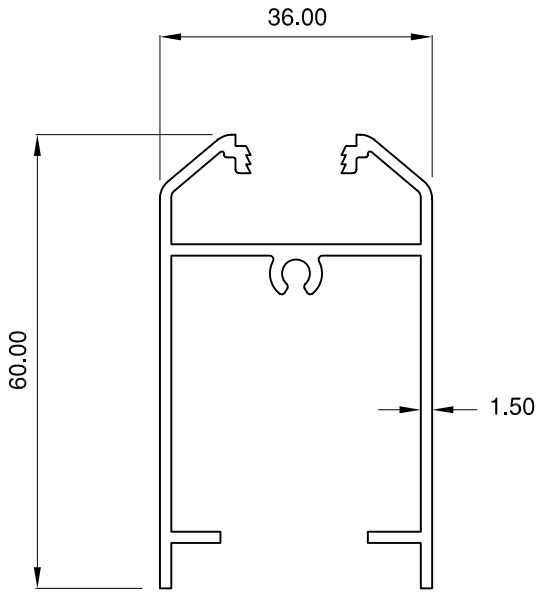
8586A

WT : 0.410 Kg/m
AP : 210.77 mm



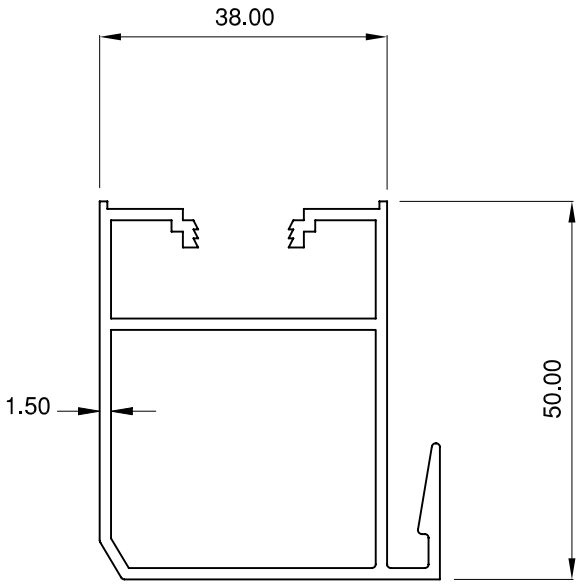
8589A

WT : 0.359 Kg/m
AP : 179.43 mm



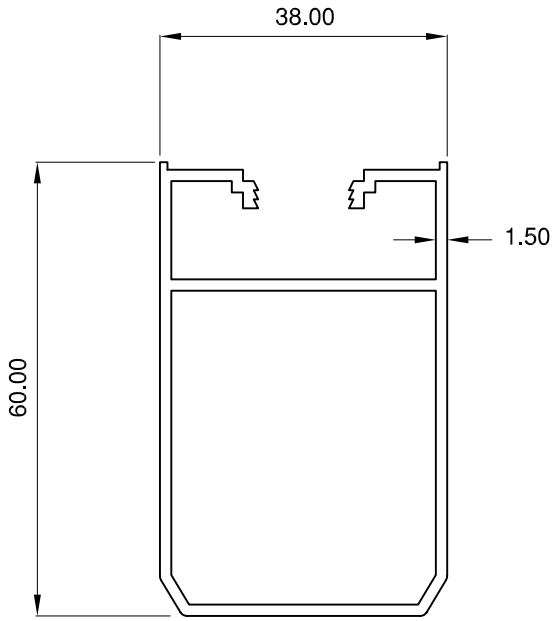
8588A

WT : 0.804 Kg/m
AP : 391.38 mm



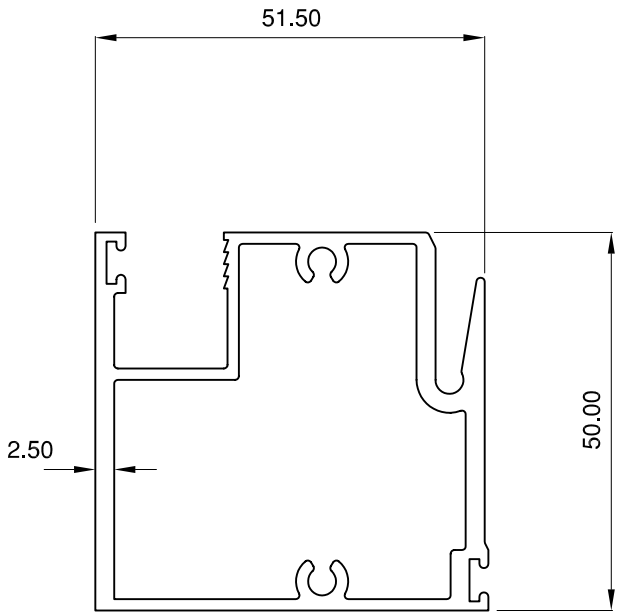
8592

WT : 0.915 Kg/m
AP : 337.62 mm



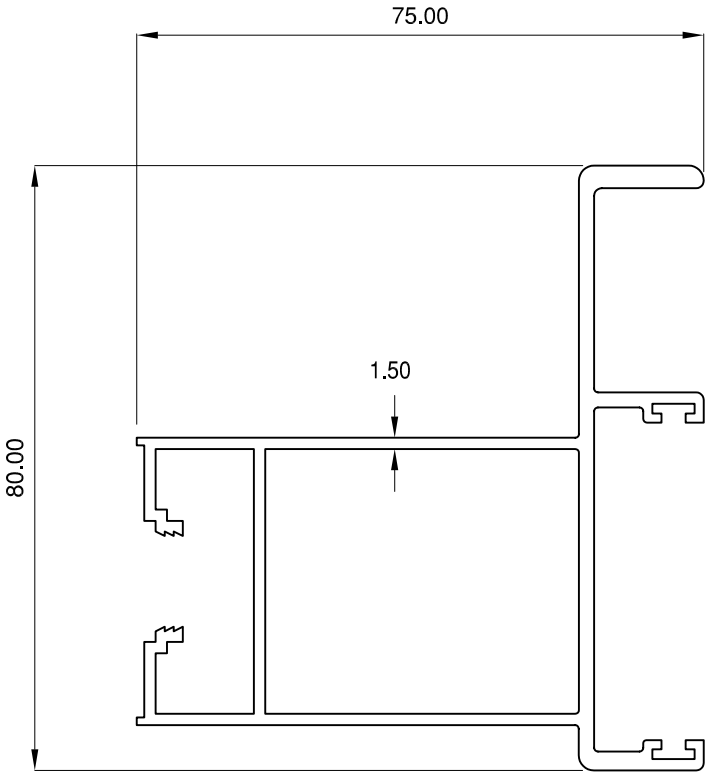
8591

WT : 0.876 Kg/m
AP : 284.88 mm



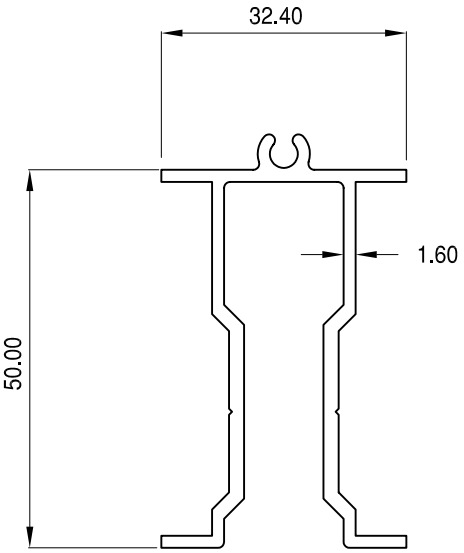
8590

WT : 1.350 Kg/m
AP : 289.68 mm



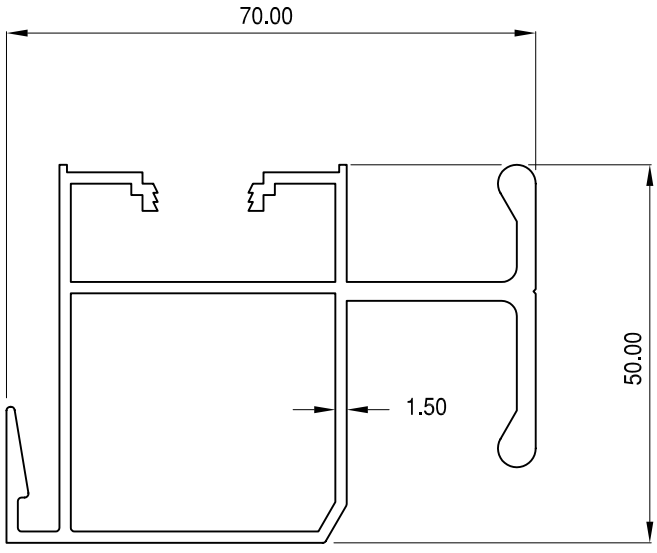
8593

WT : 1.475 Kg/m
AP : 481.88 mm



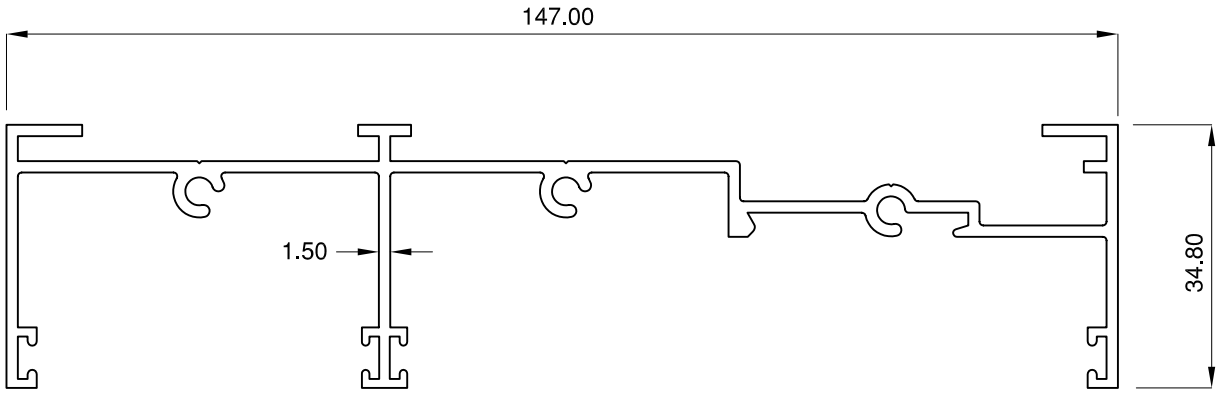
9490

WT : 0.745 Kg/m
AP : 311.56 mm



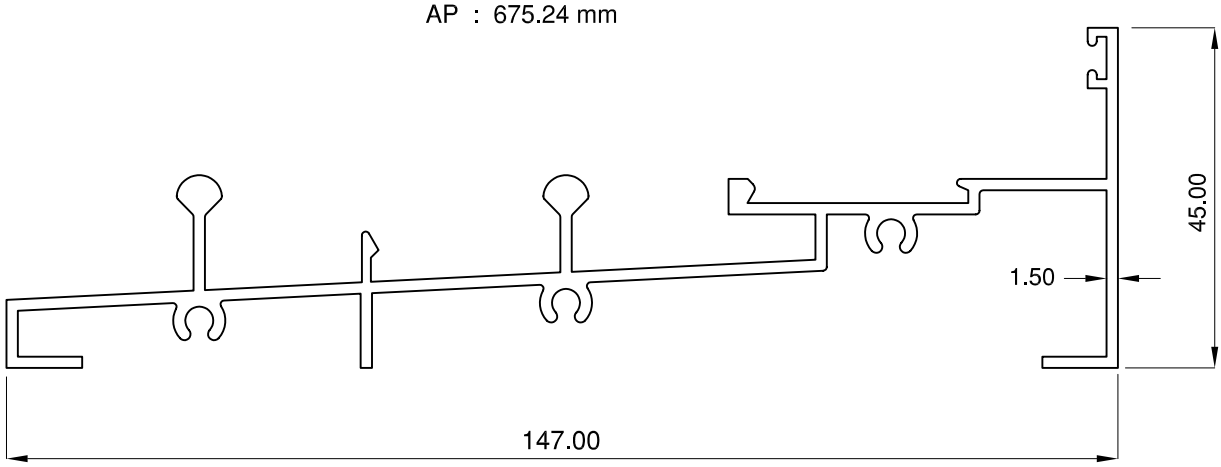
9386

WT : 1.401 Kg/m
AP : 439.64 mm



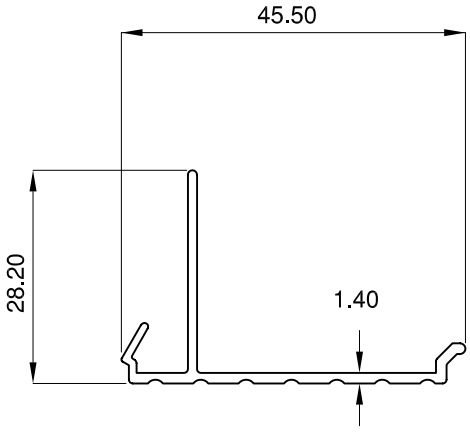
9729

WT : 1.385 Kg/m
AP : 675.24 mm



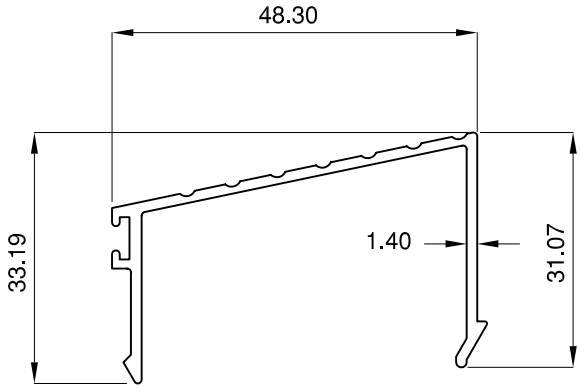
9730

WT : 1.425 Kg/m
AP : 649.63 mm



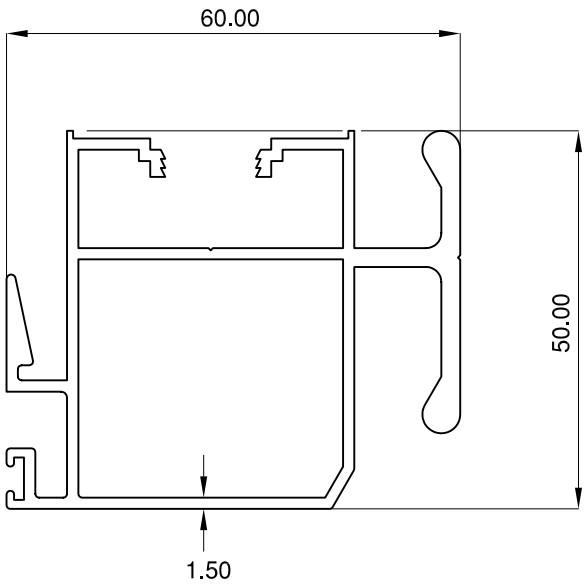
9731

WT : 0.273 Kg/m
AP : 166.17 mm



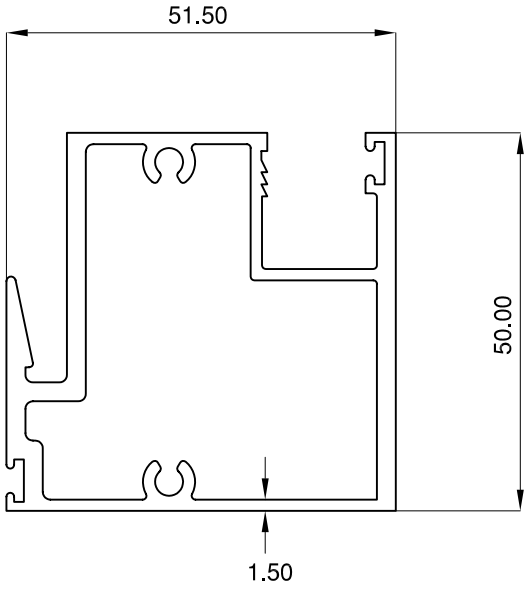
9732

WT : 0.398 Kg/m
AP : 216.37 mm



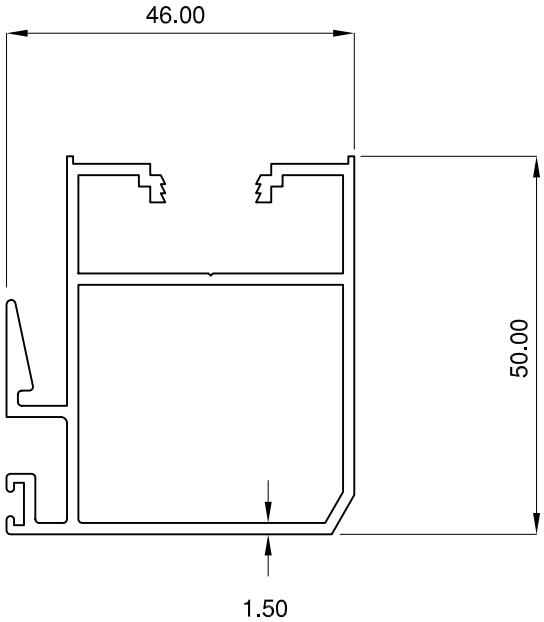
9795

WT : 1.400 Kg/m
AP : 451.87 mm



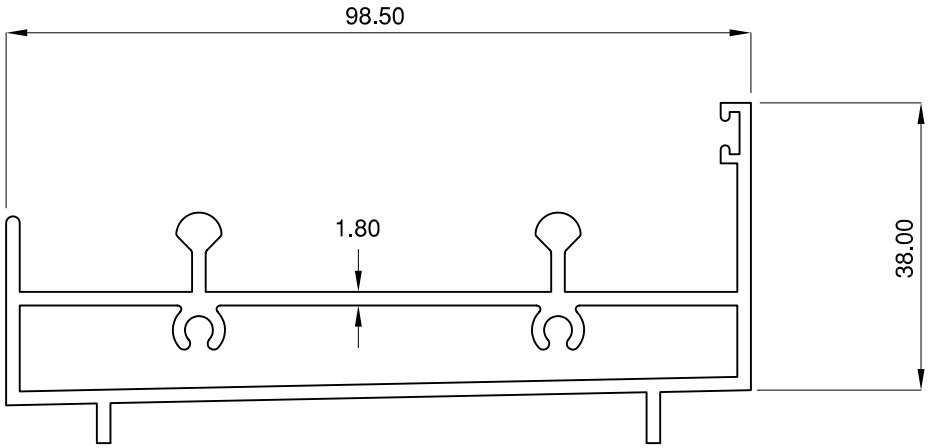
9734

WT : 1.524 Kg/m
AP : 289.39 mm



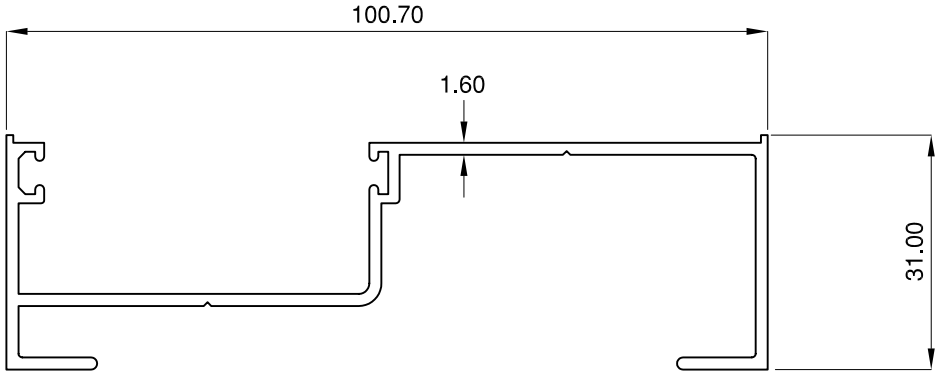
9733

WT : 0.989 Kg/m
AP : 348.35 mm



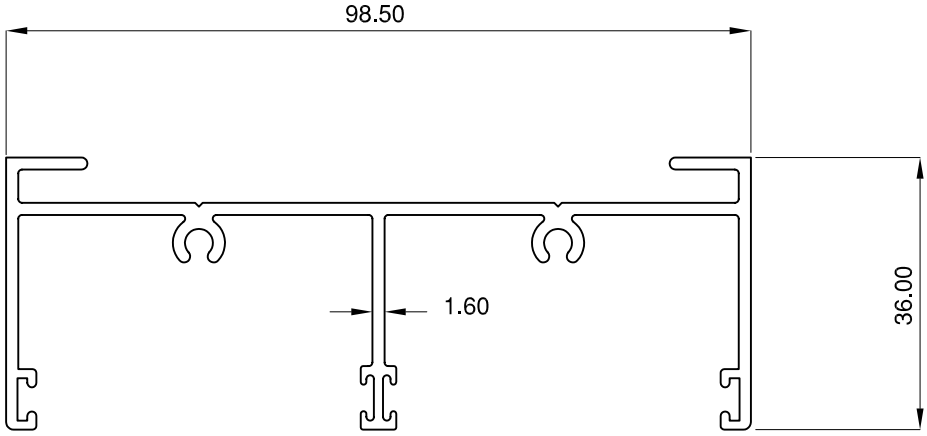
9104

WT : 1.602 Kg/m
AP : 379.86 mm



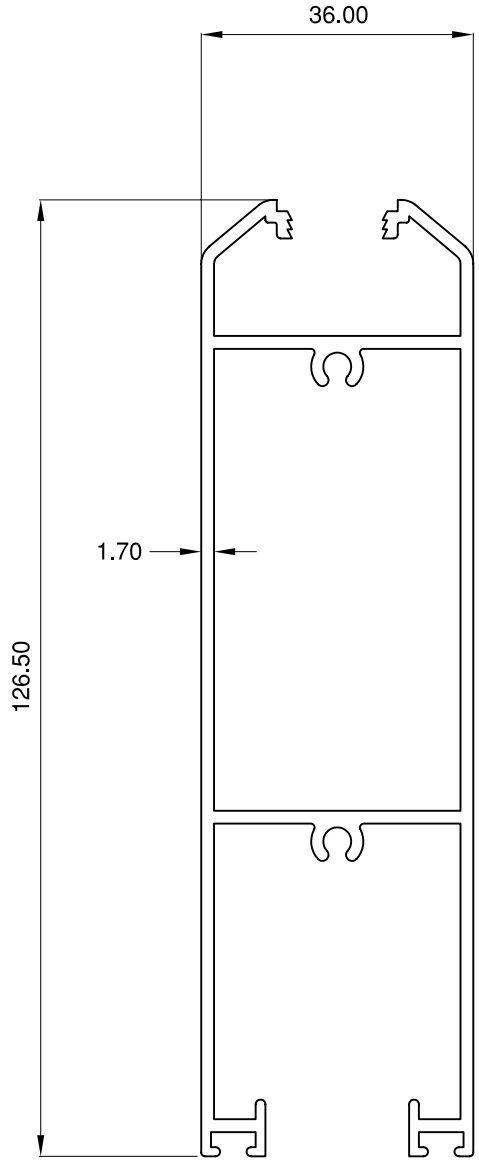
9090A

WT : 0.900 Kg/m
AP : 425.42 mm



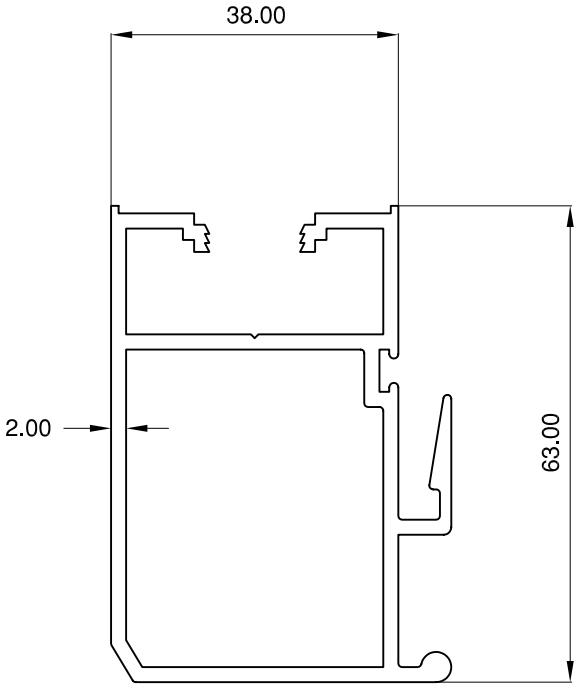
9093A

WT : 1.113 Kg/m
AP : 519.79 mm



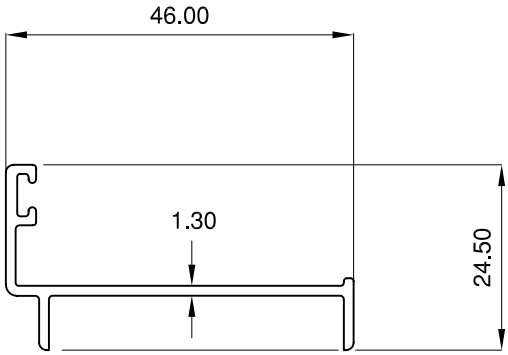
9092

WT : 1.752 Kg/m
AP : 559.61 mm



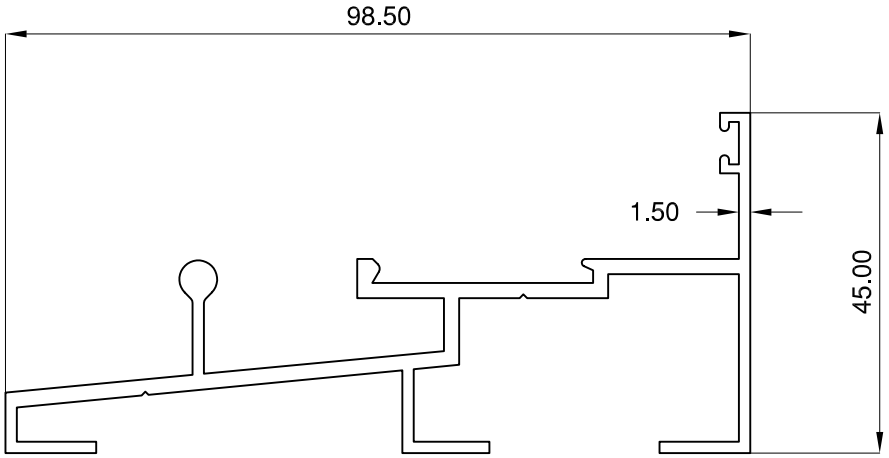
9091

WT : 1.372 Kg/m
AP : 362.83 mm



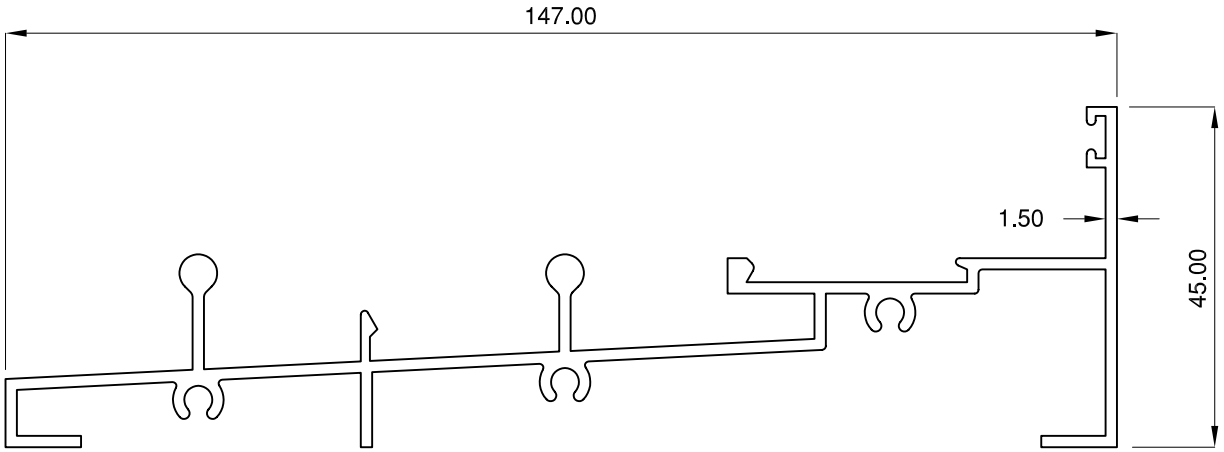
14291

WT : 0.296 Kg/m
AP : 167.25 mm



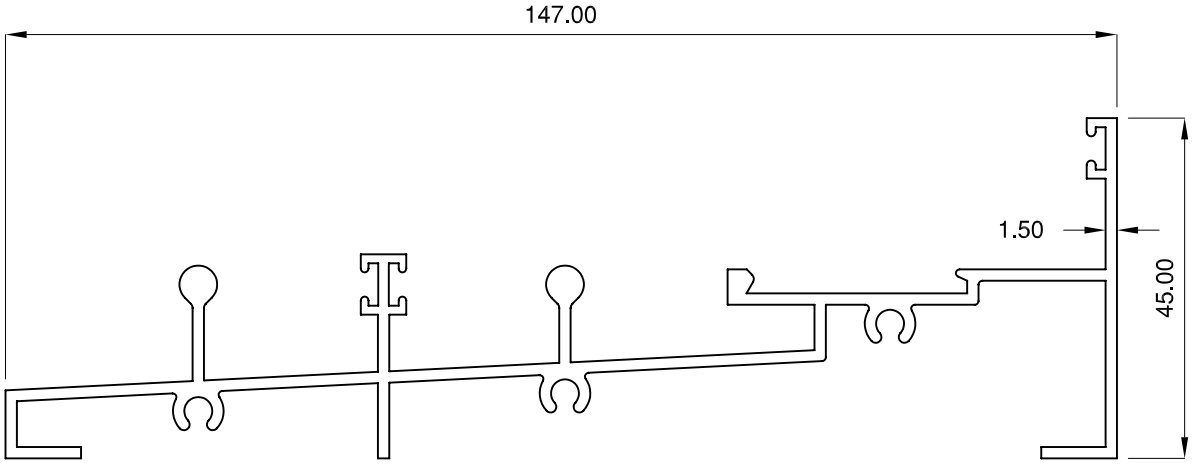
15242

WT : 1.187 Kg/m
AP : 487.12 mm



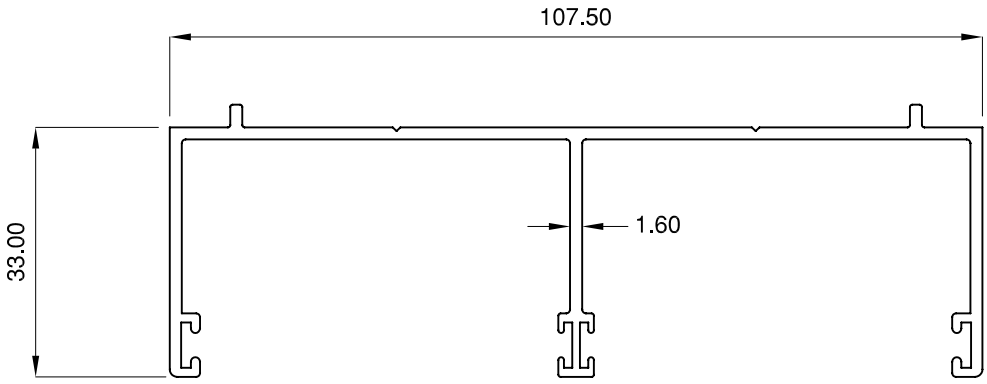
15244

WT : 1.411 Kg/m
AP : 647.27 mm



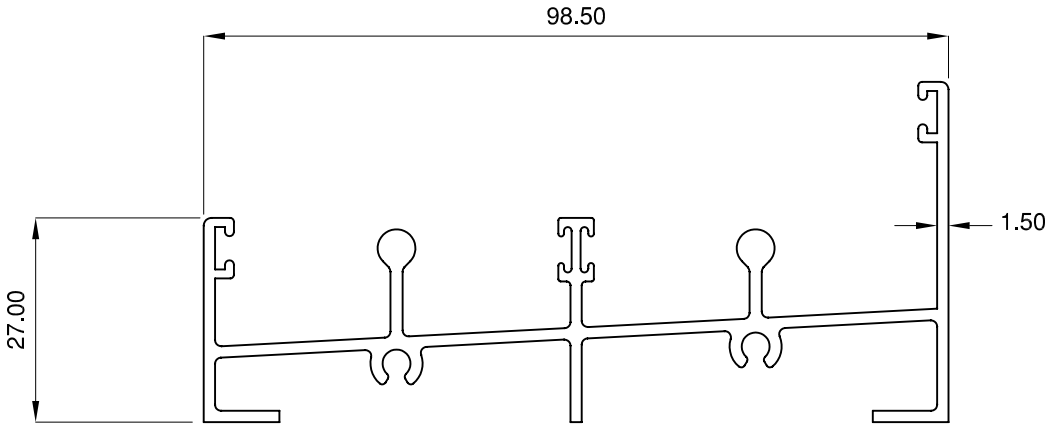
17358

WT : 1.489 Kg/m
AP : 691.15 mm



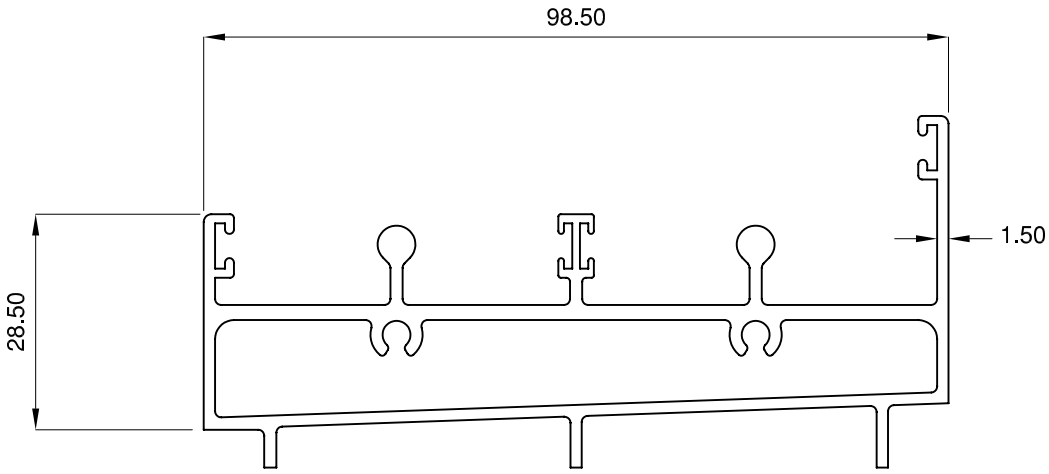
16599

WT : 0.993 Kg/m
AP : 467.13 mm



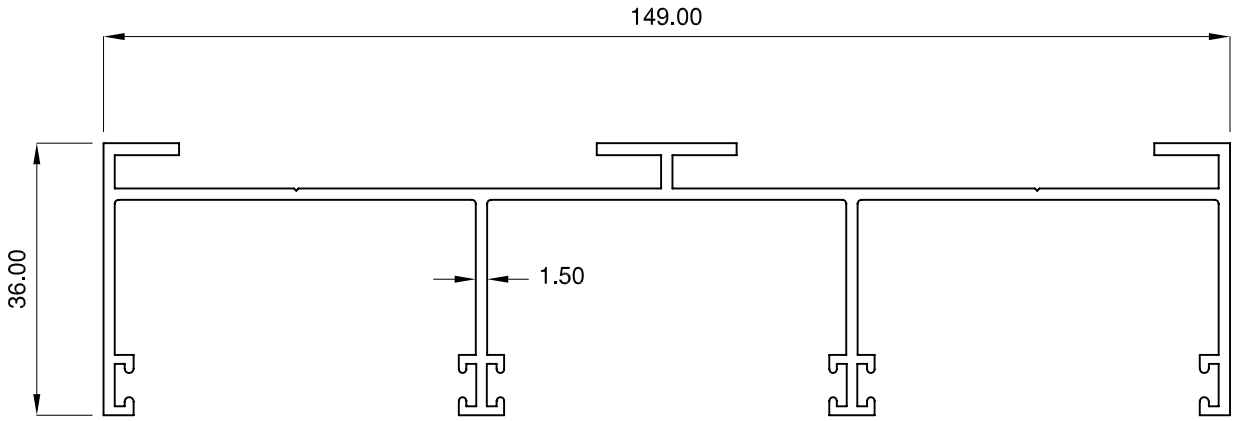
16529

WT : 1.240 Kg/m
AP : 553.48 mm



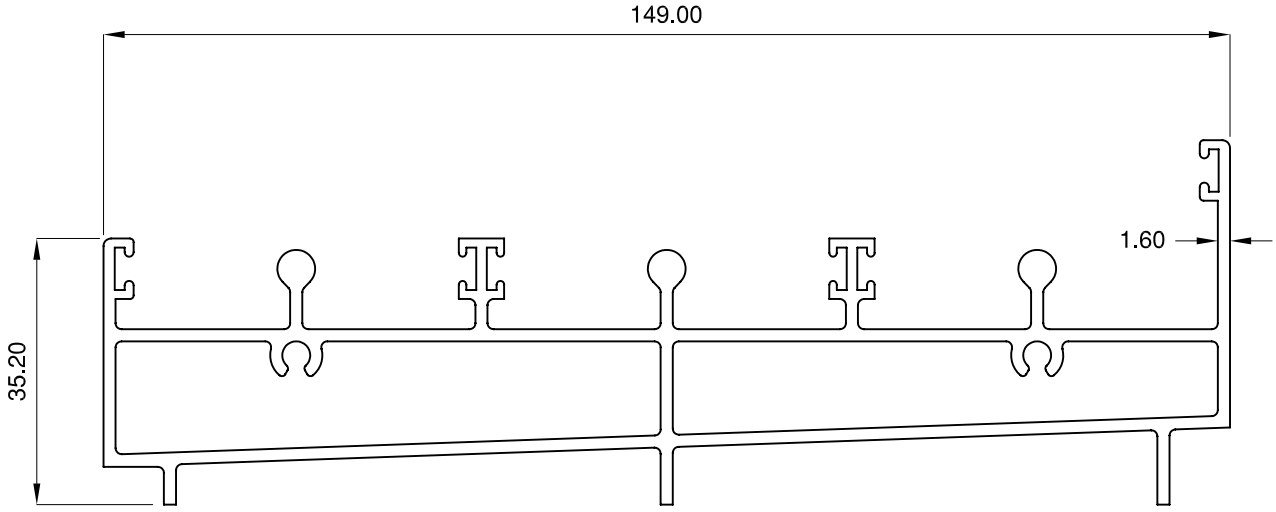
16629

WT : 1.694 Kg/m
AP : 456.80 mm



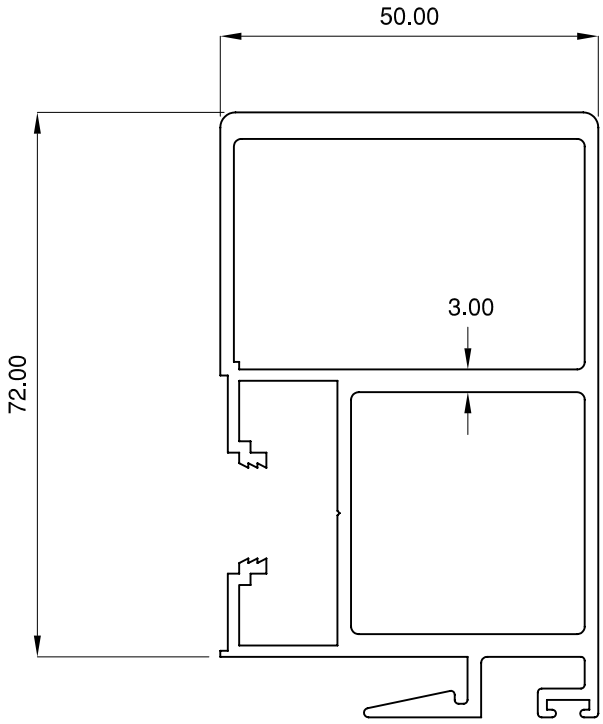
16898

WT : 1.447 Kg/m
AP : 706.92 mm



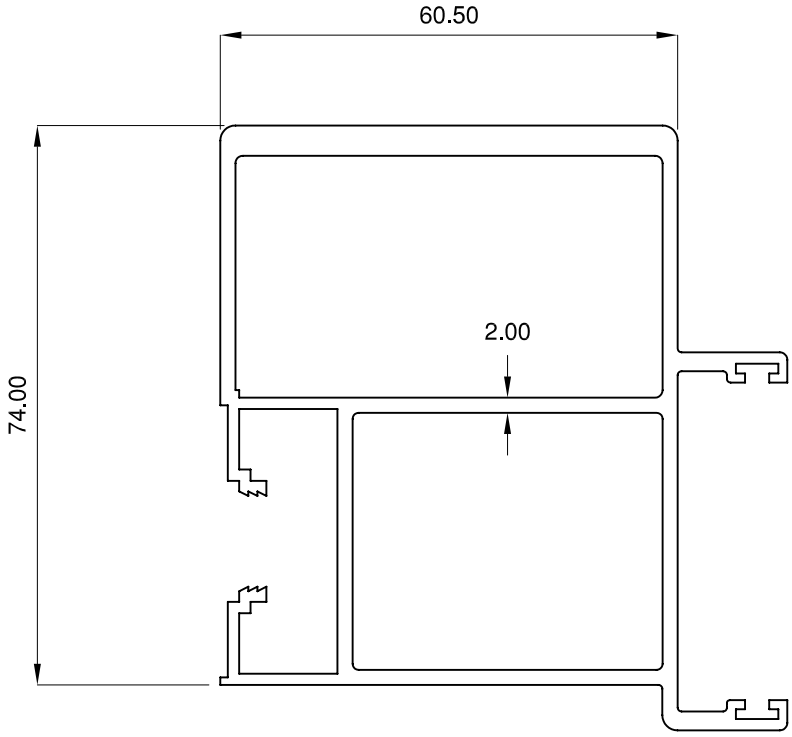
16899

WT : 2.336 Kg/m
AP : 636.30 mm



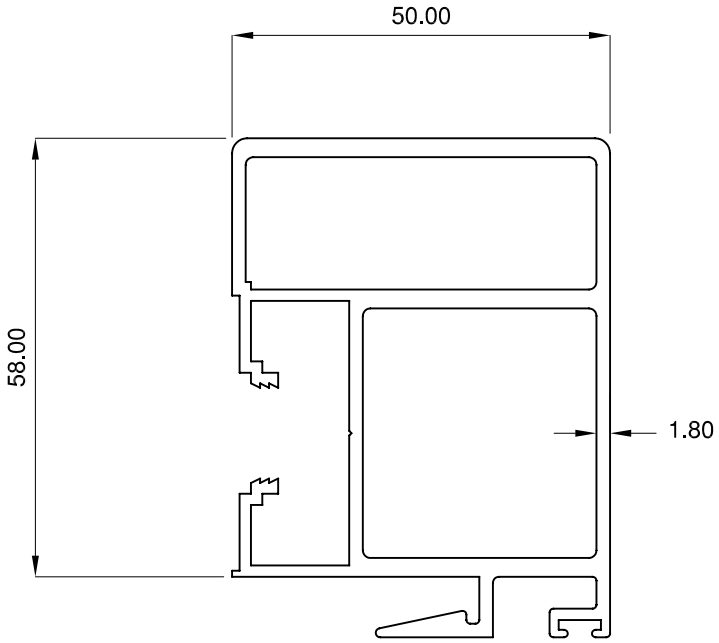
17152

WT : 2.193 Kg/m
AP : 415.09 mm



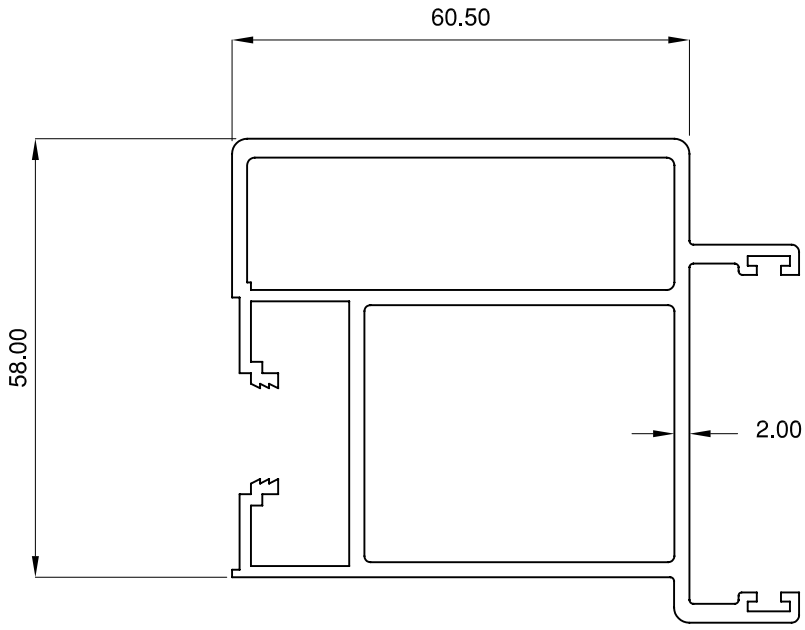
17151

WT : 2.453 Kg/m
AP : 452.96 mm



17341

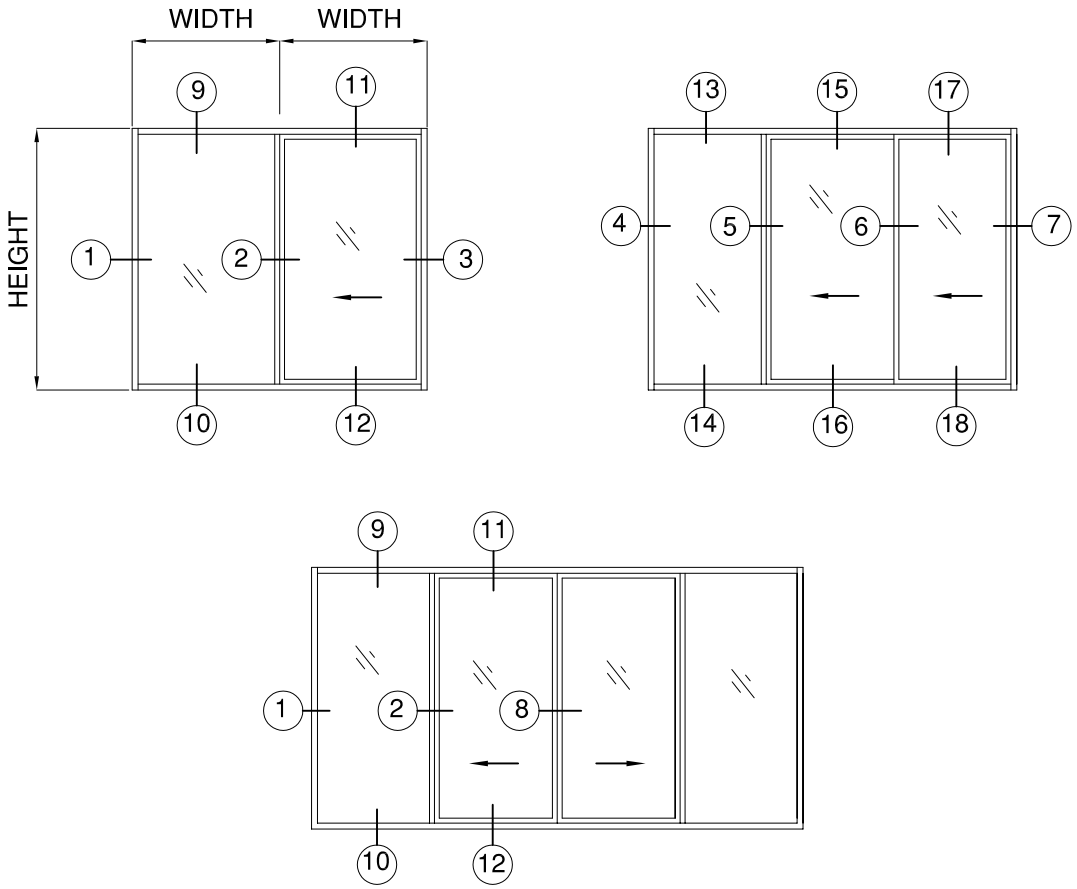
WT : 1.795 Kg/m
AP : 387.09 mm



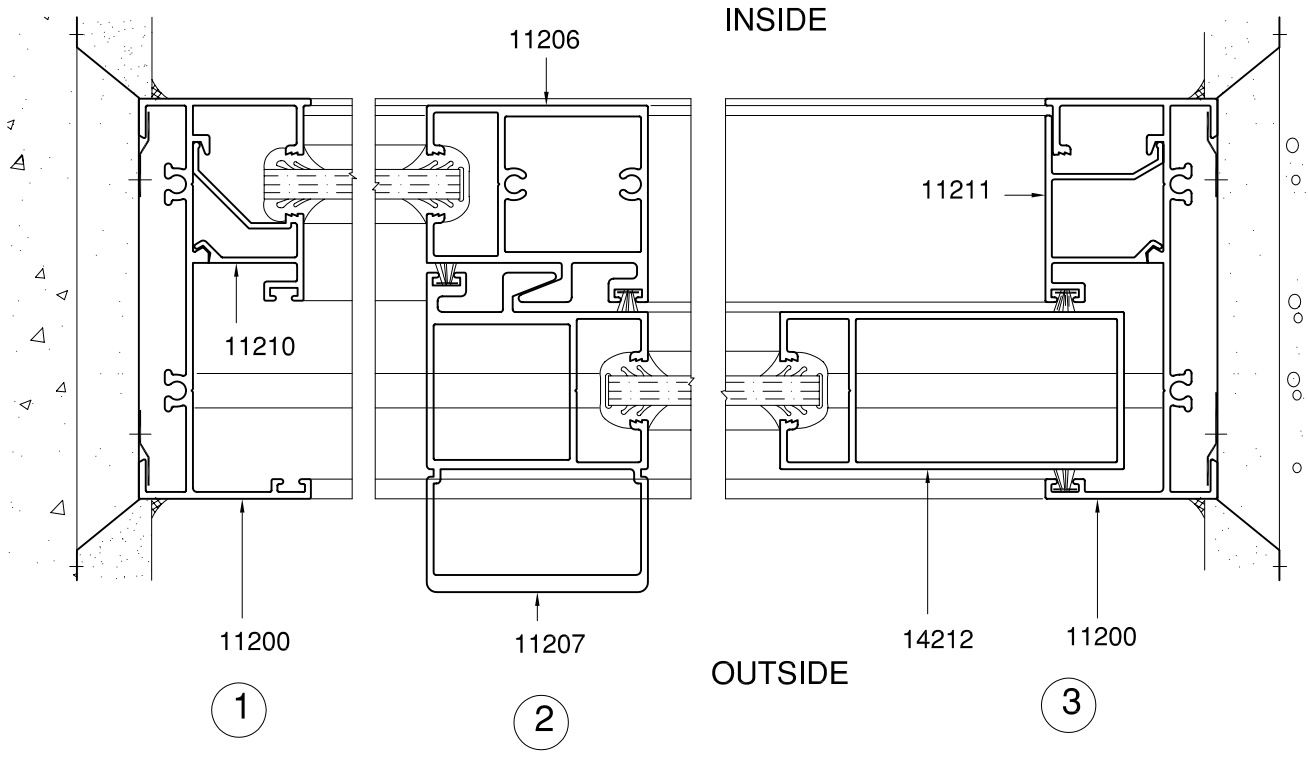
17342

WT : 1.991 Kg/m
AP : 420.96 mm

PRESS METAL ACE High Performance Systems	SLIDING DOOR	REF : CD2 Page: 1
	COMDOOR™ 2	DATE : 1.1.2015
		REPLACES :



ELEVATION



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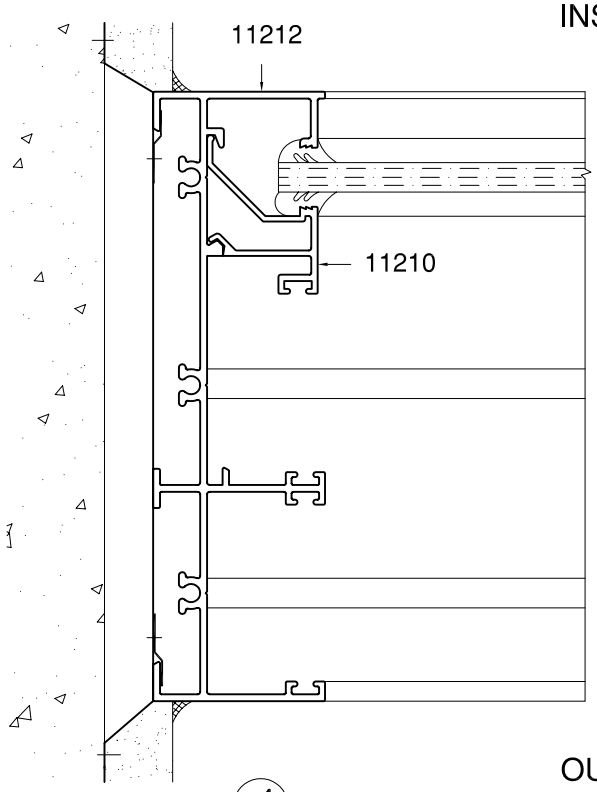

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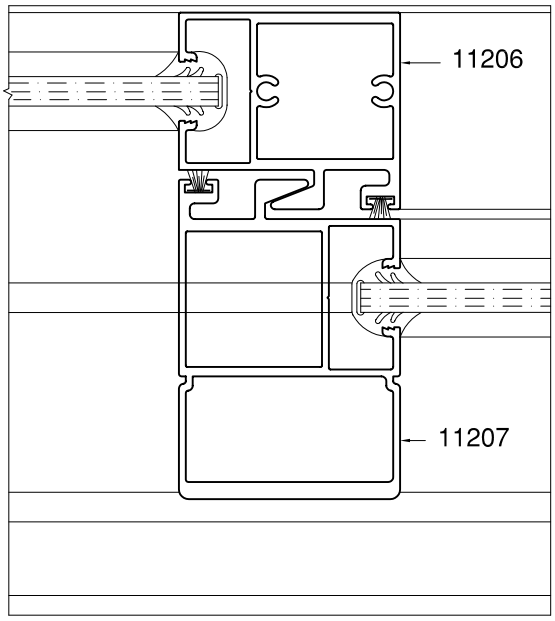
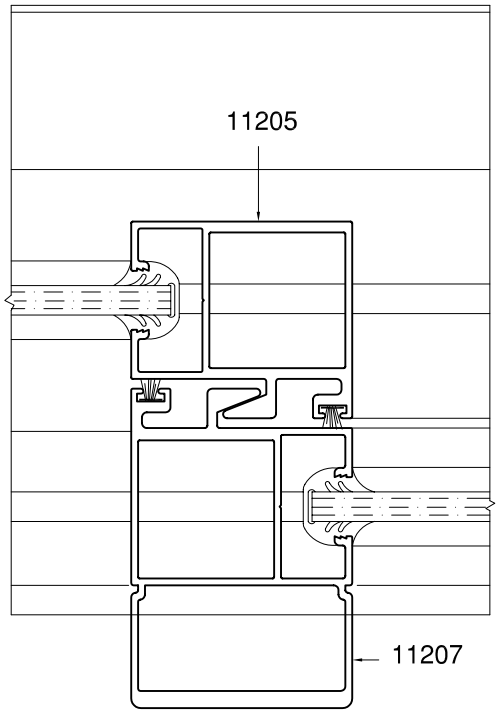


5

OUTSIDE

INSIDE



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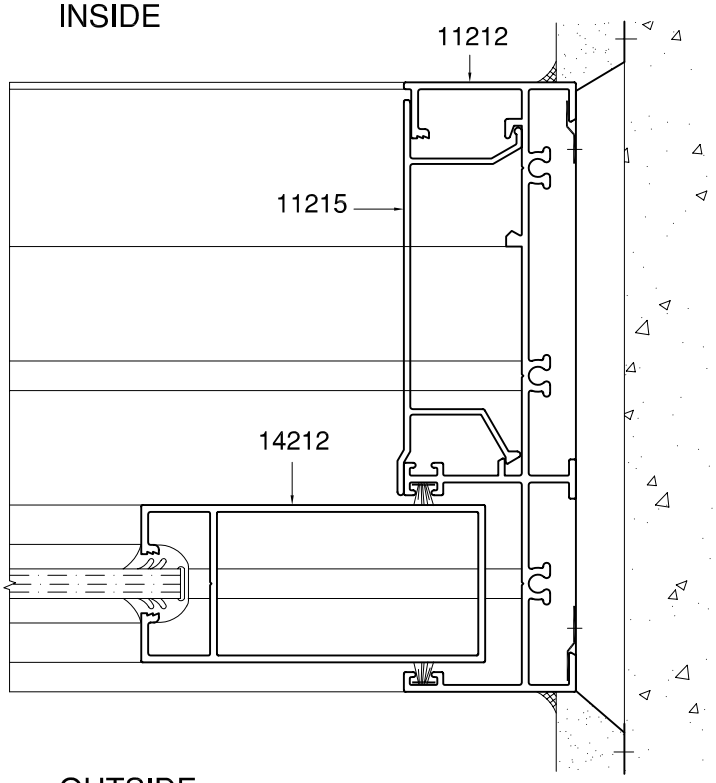
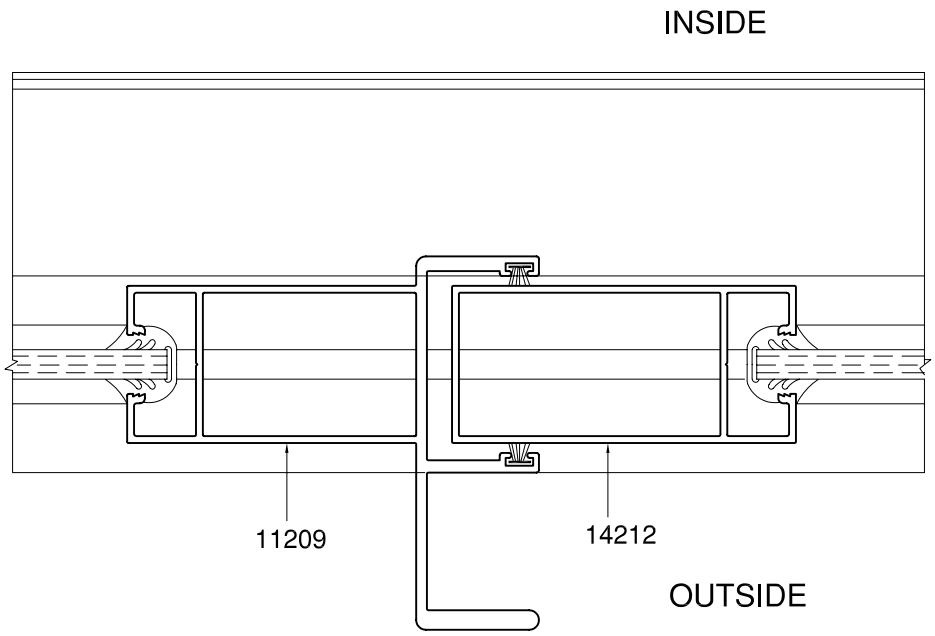


7

OUTSIDE



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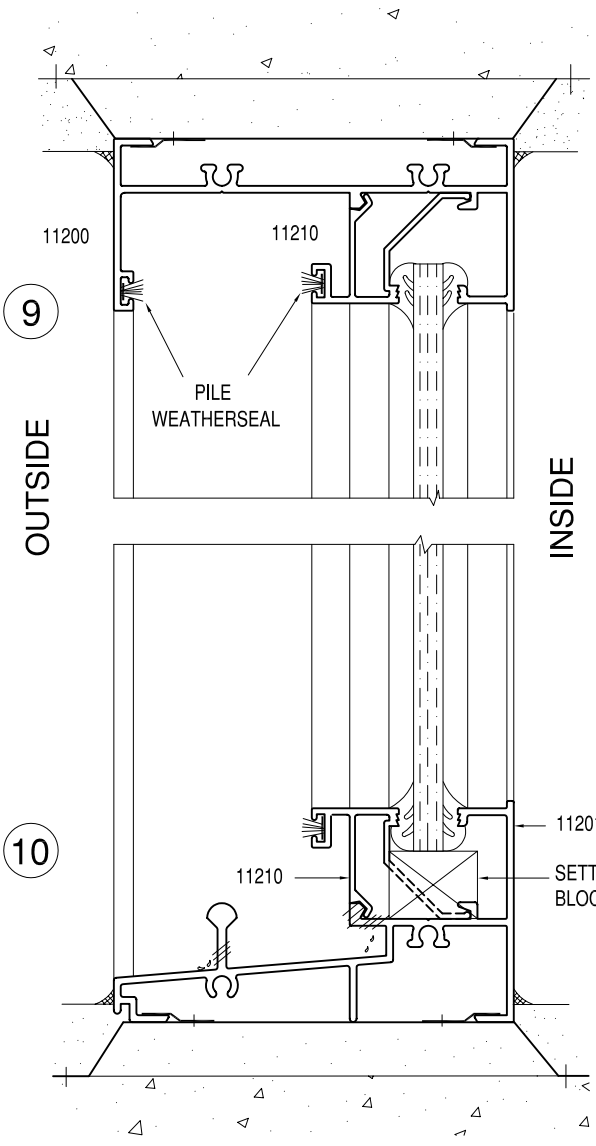

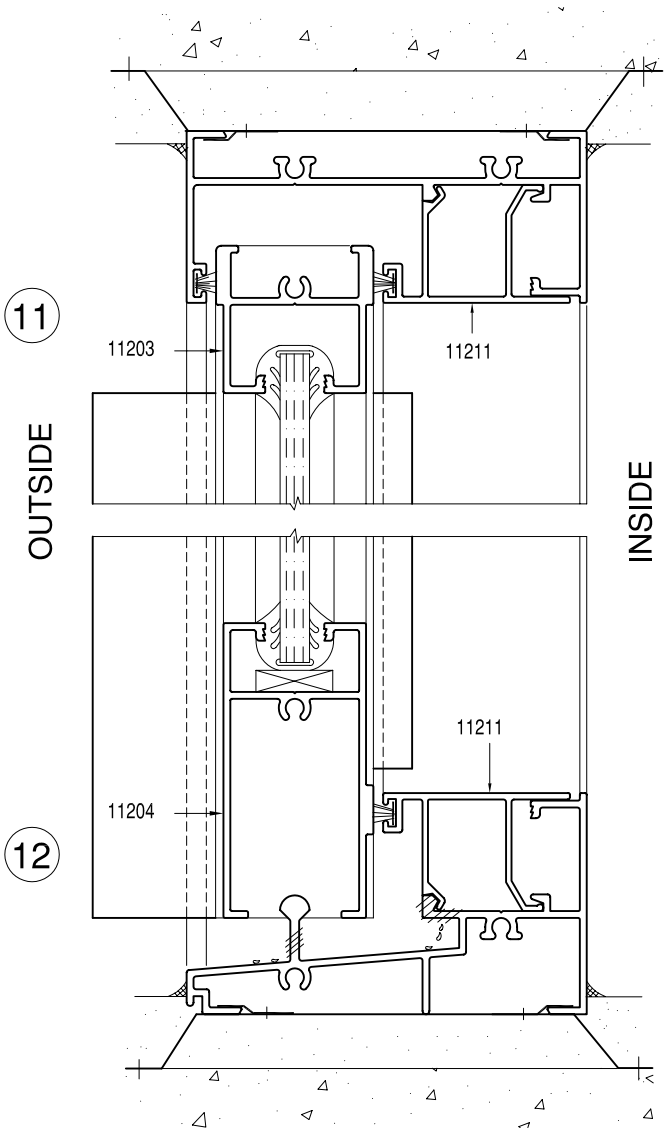

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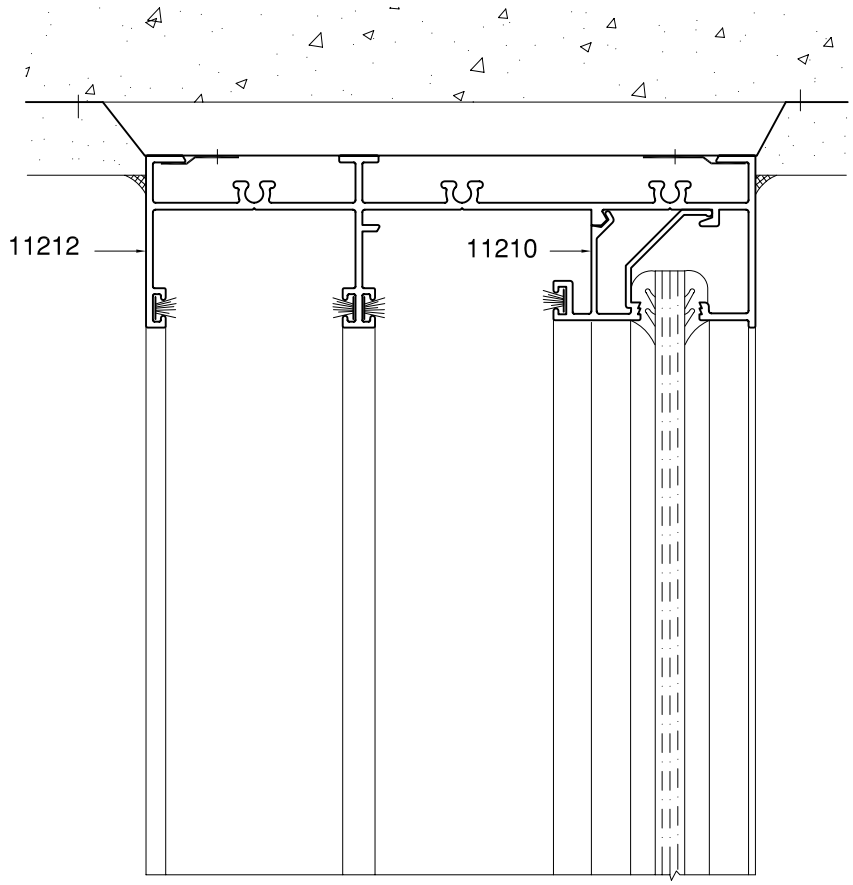
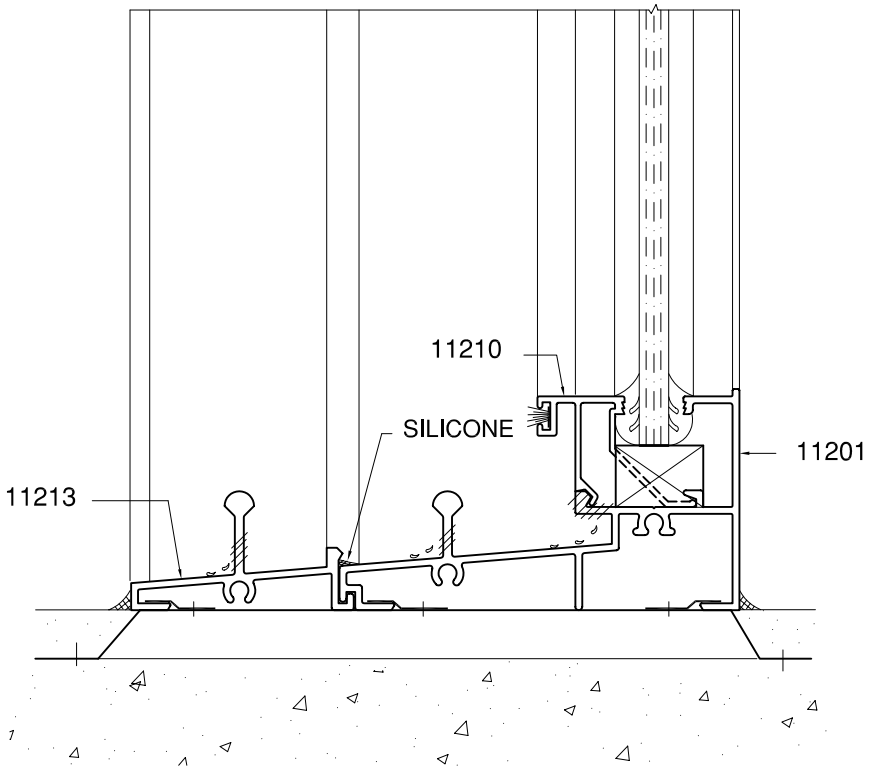
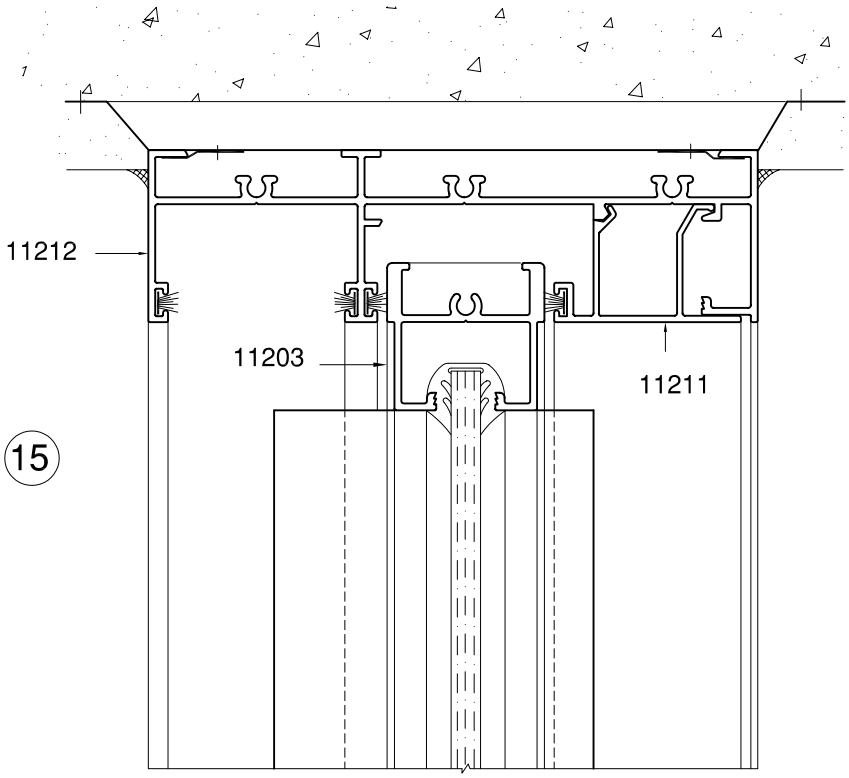


OUTSIDE

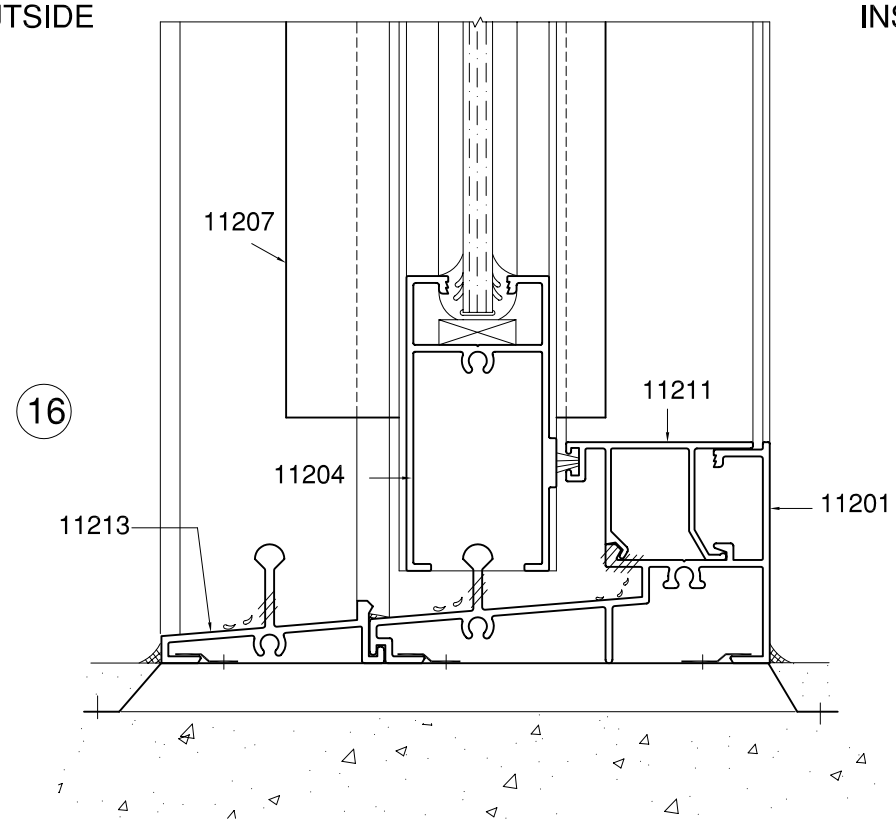
INSIDE

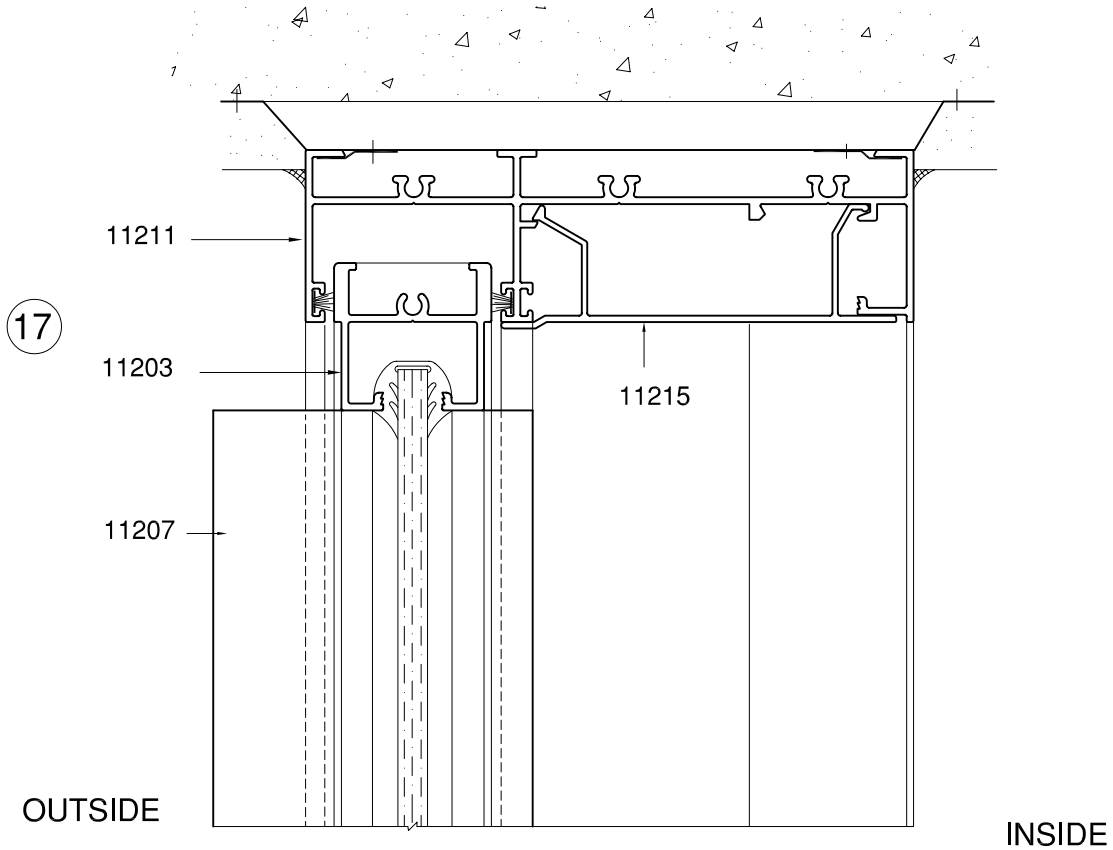
14

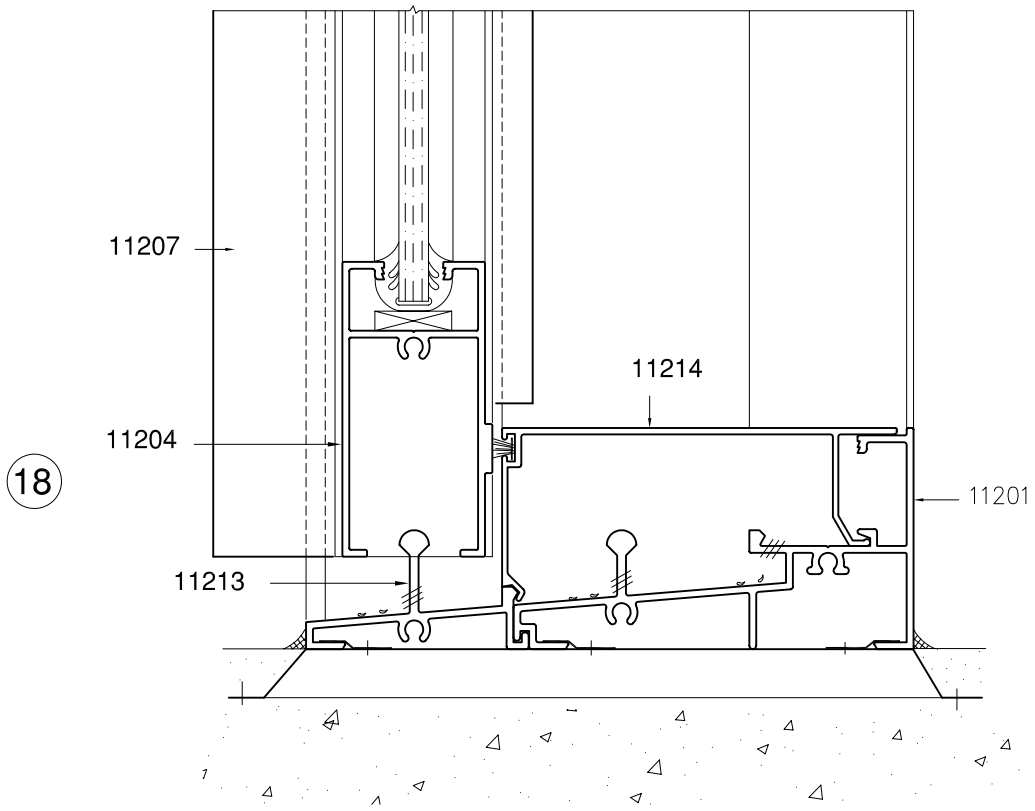


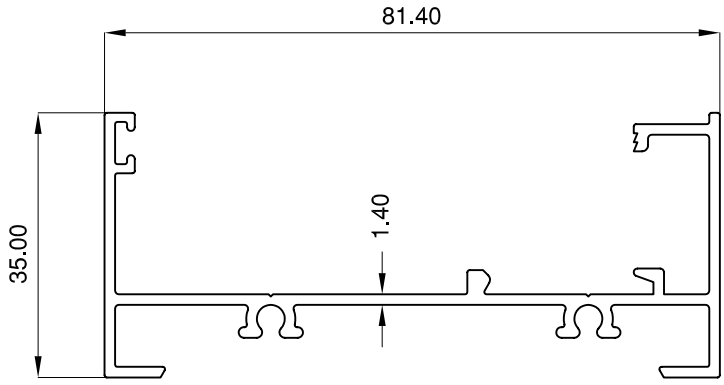


OUTSIDE INSIDE



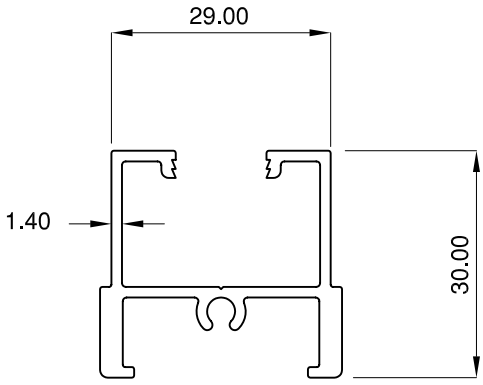






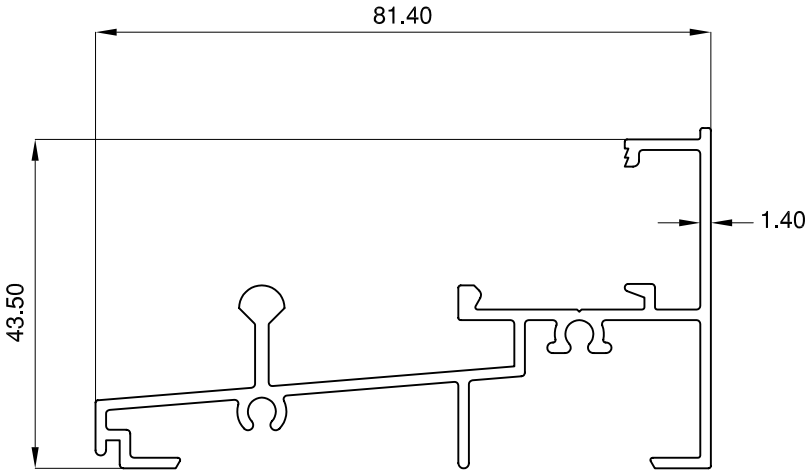
11200

WT : 0.819 Kg/m
AP : 418.85 mm



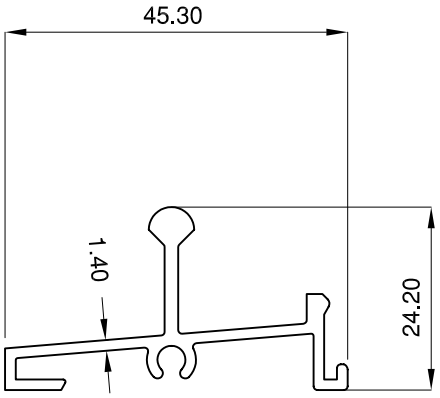
11203

WT : 0.547 Kg/m
AP : 237.20 mm



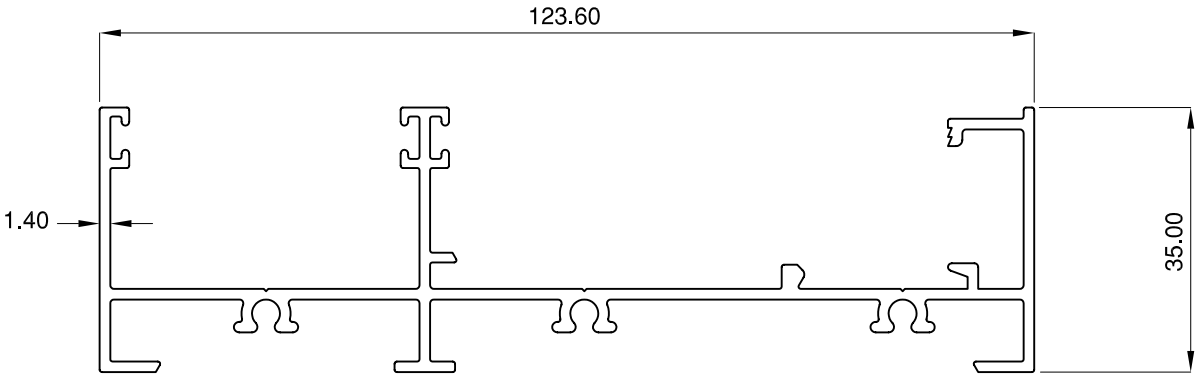
11201

WT : 0.945 Kg/m
AP : 459.22 mm



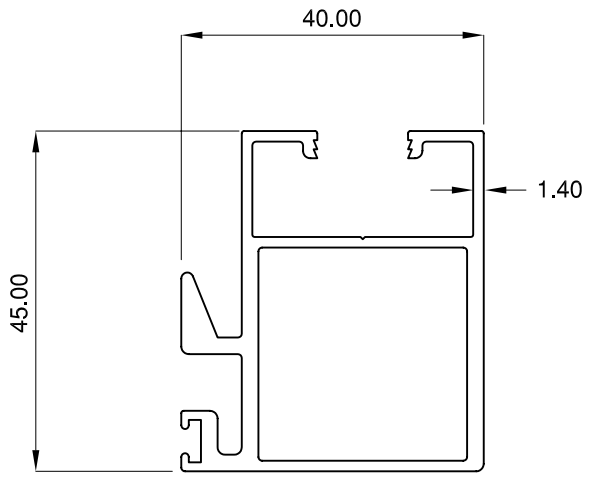
11213

WT : 0.428 Kg/m
AP : 192.43 mm



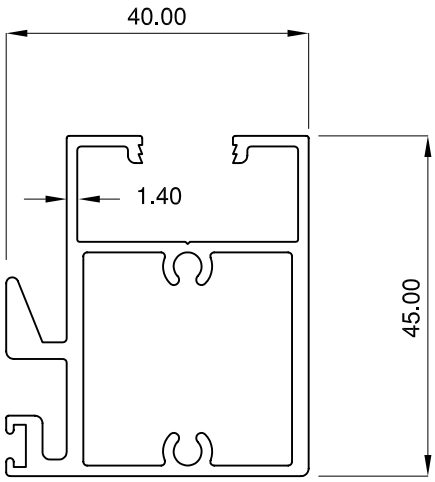
11212

WT : 1.233 Kg/m
AP : 634.04 mm



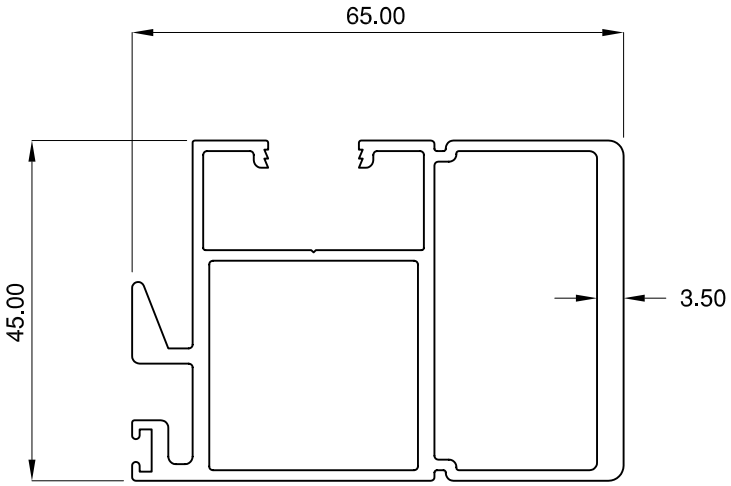
11205

WT : 0.974 Kg/m
AP : 289.13 mm



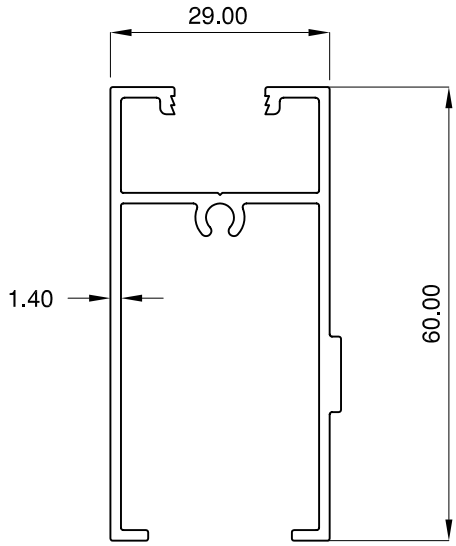
11206

WT : 1.046 Kg/m
AP : 289.13 mm



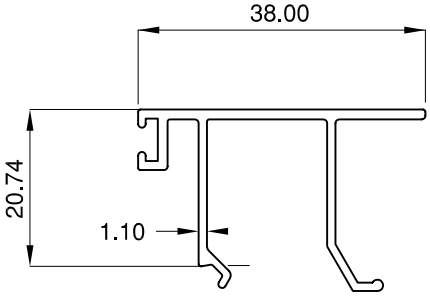
11207

WT : 1.563 Kg/m
AP : 343.56 mm



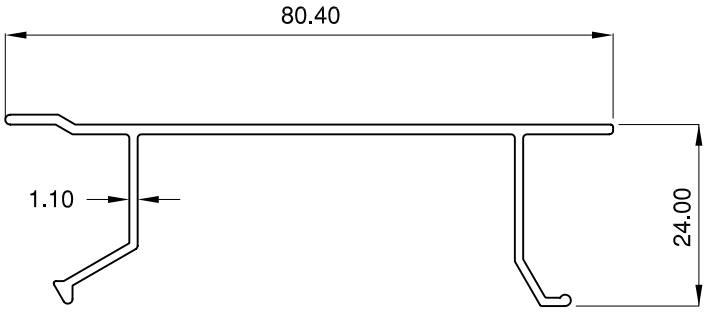
11204

WT : 0.729 Kg/m
AP : 363.74 mm



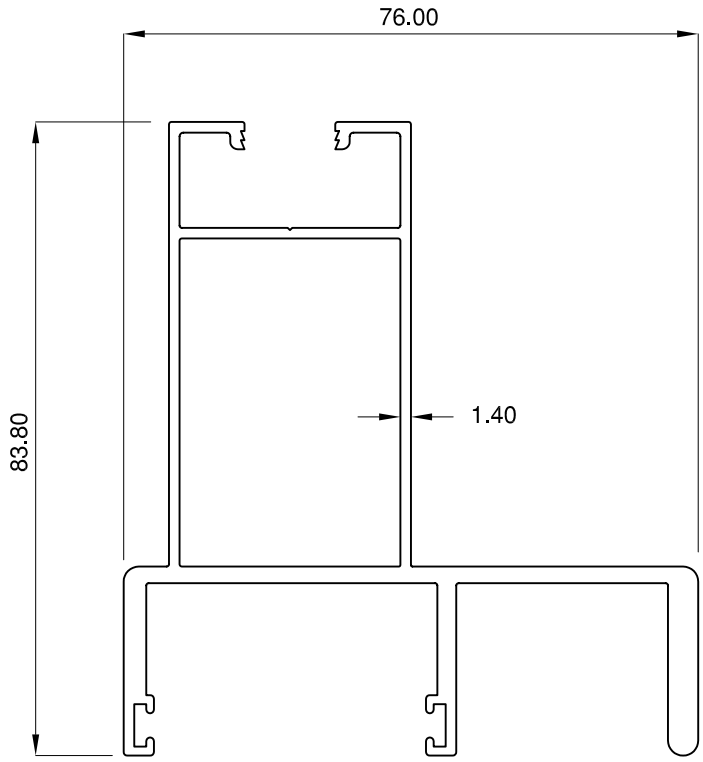
11211

WT : 0.324 Kg/m
AP : 200.72 mm



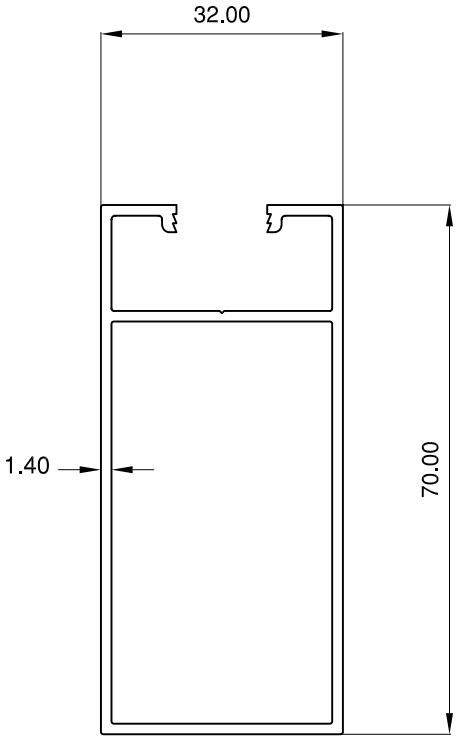
11215

WT : 0.450 Kg/m
AP : 271.42 mm



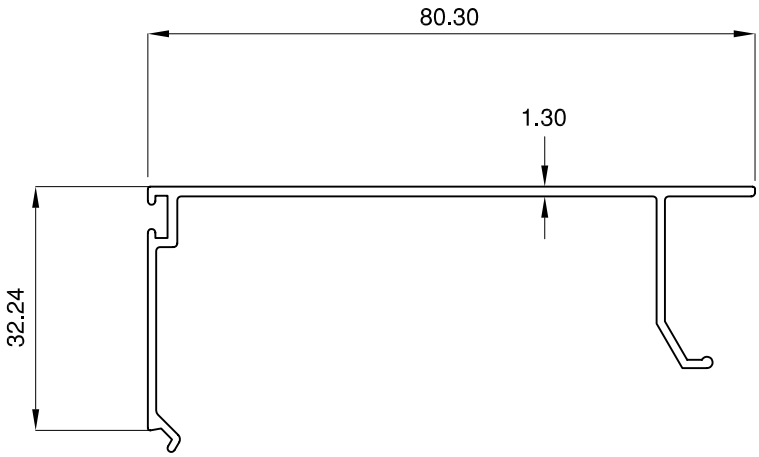
11209

WT : 1.652 Kg/m
AP : 500.01 mm



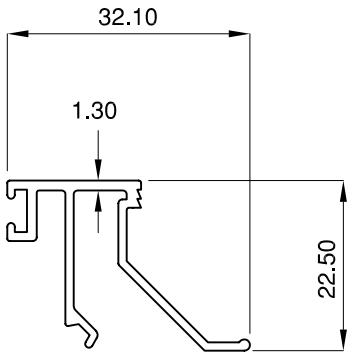
14212

WT : 0.834 Kg/m
AP : 275.37 mm



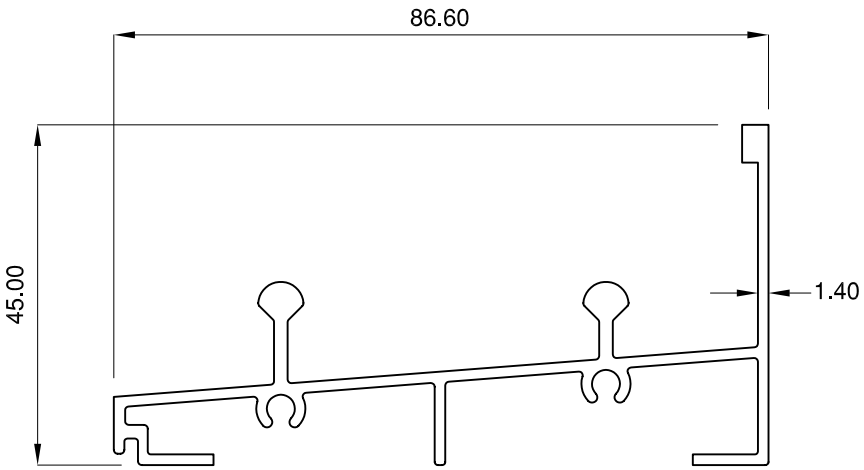
11214

WT : 0.487 Kg/m
AP : 295.20 mm



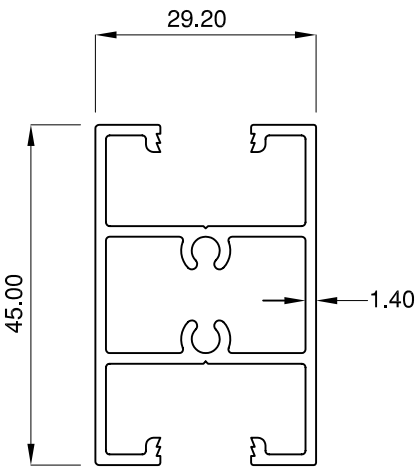
11210

WT : 0.268 Kg/m
AP : 169.26 mm



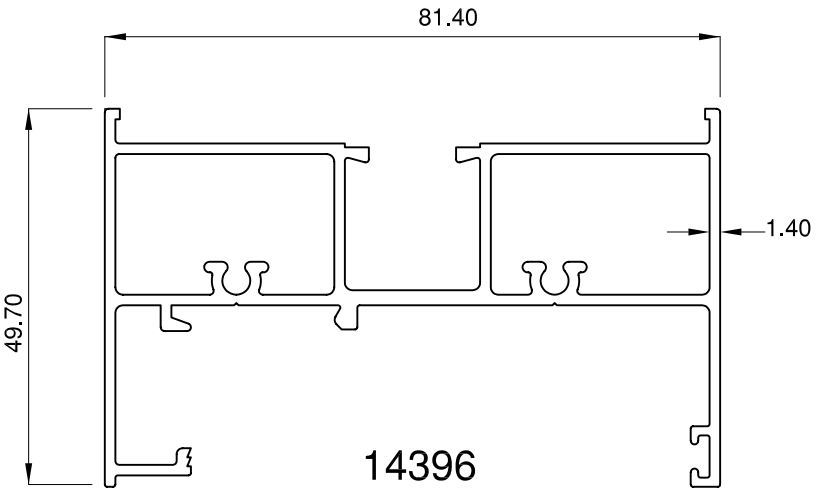
14832

WT : 0.944 Kg/m
AP : 430.38 mm



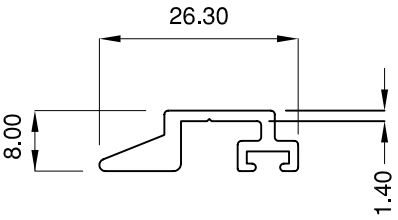
16000

WT : 0.761 Kg/m
AP : 277.01 mm



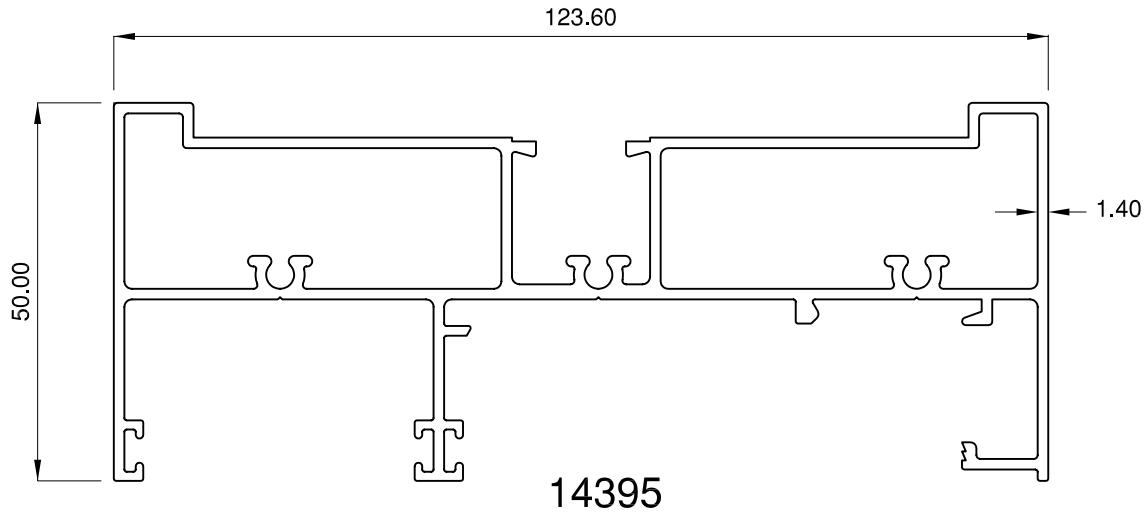
14396

WT : 1.321 Kg/m
AP : 426.85 mm



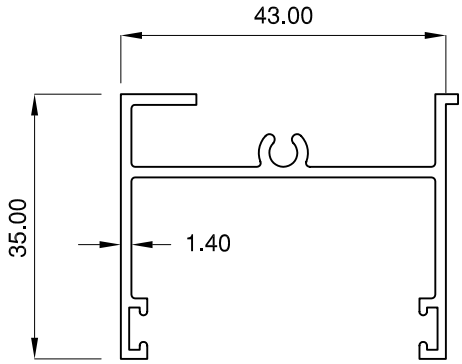
15953

WT : 0.235 Kg/m
AP : 91.86 mm



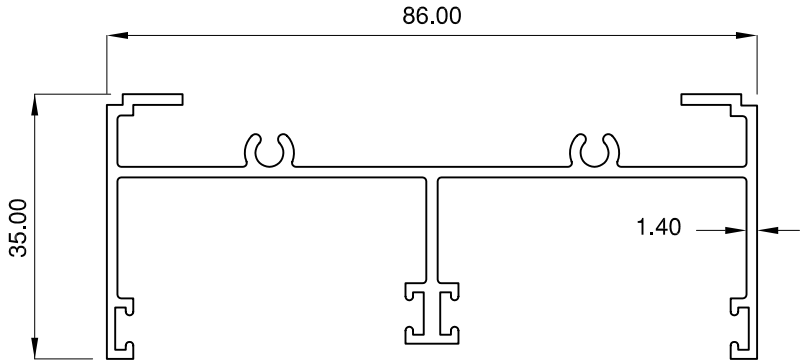
14395

WT : 1.855 Kg/m
AP : 606.80 mm



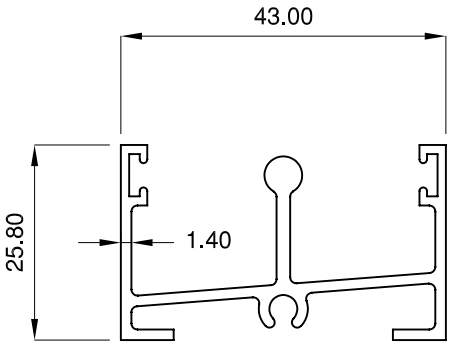
14847

WT : 0.522 Kg/m
AP : 282.17 mm



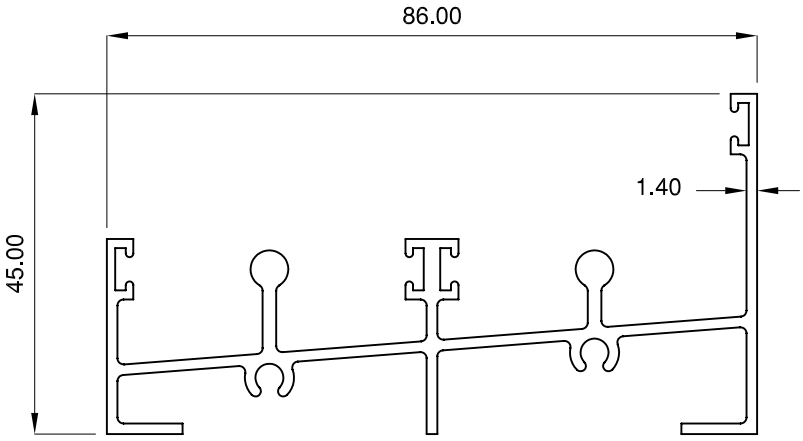
14833

WT : 0.895 Kg/m
AP : 467.78 mm



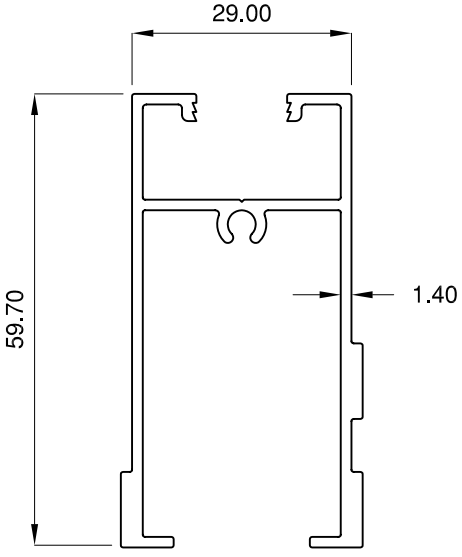
17842

WT : 0.590 Kg/m
AP : 282.36 mm



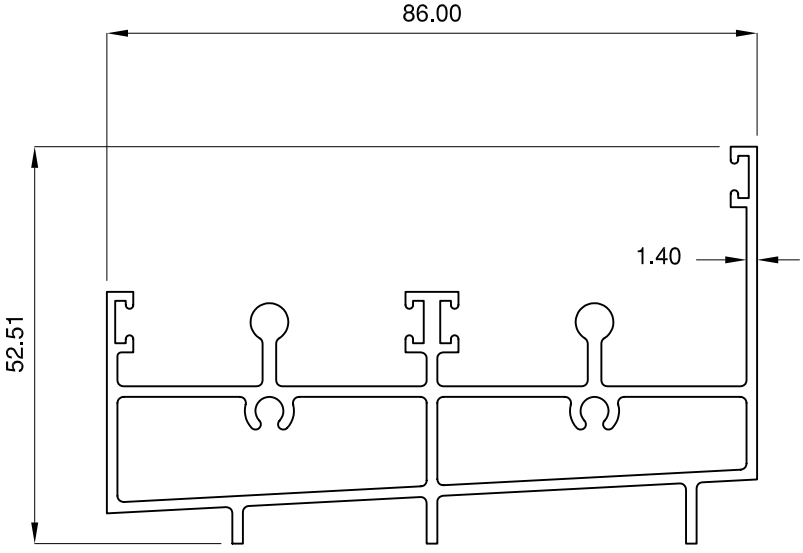
17224

WT : 1.122 Kg/m
AP : 524.65 mm



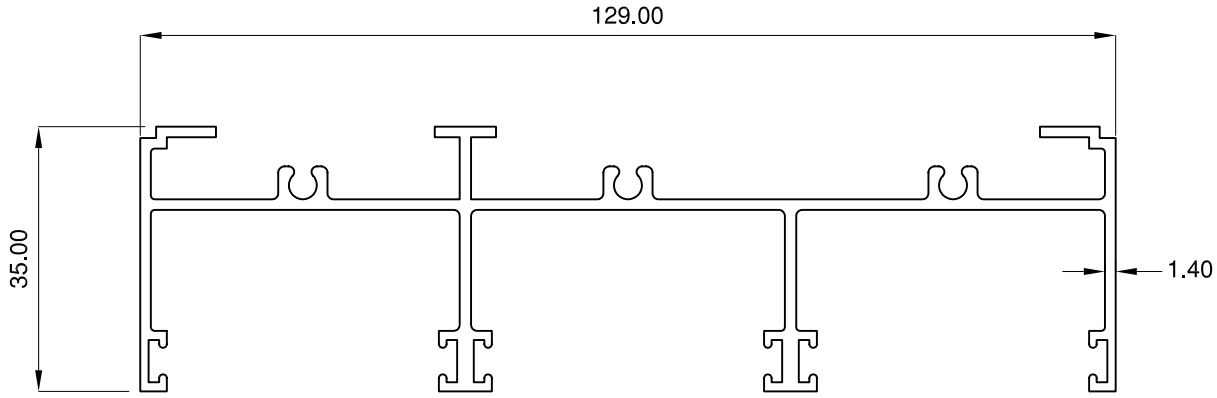
15482A

WT : 0.816 Kg/m
AP : 371.22 mm



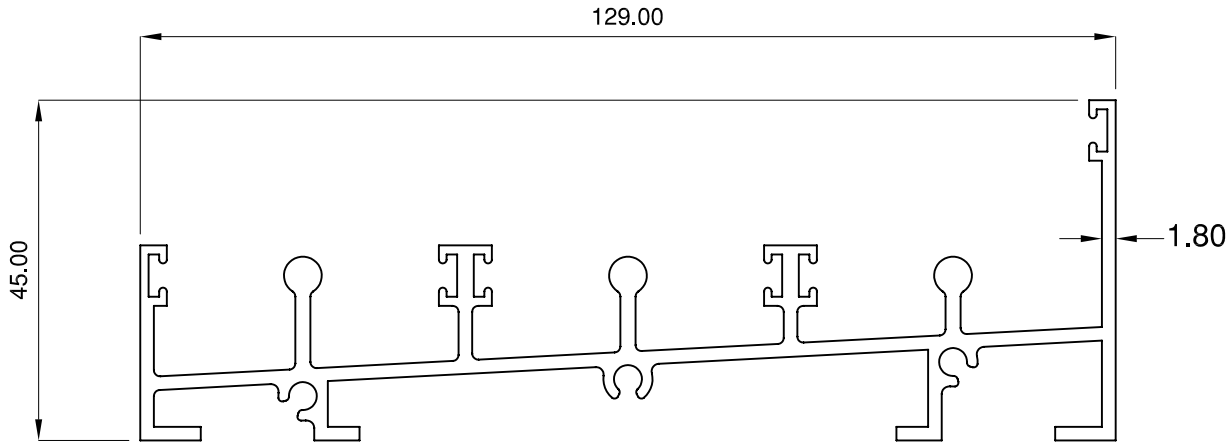
15349

WT : 1.411 Kg/m
AP : 447.86 mm



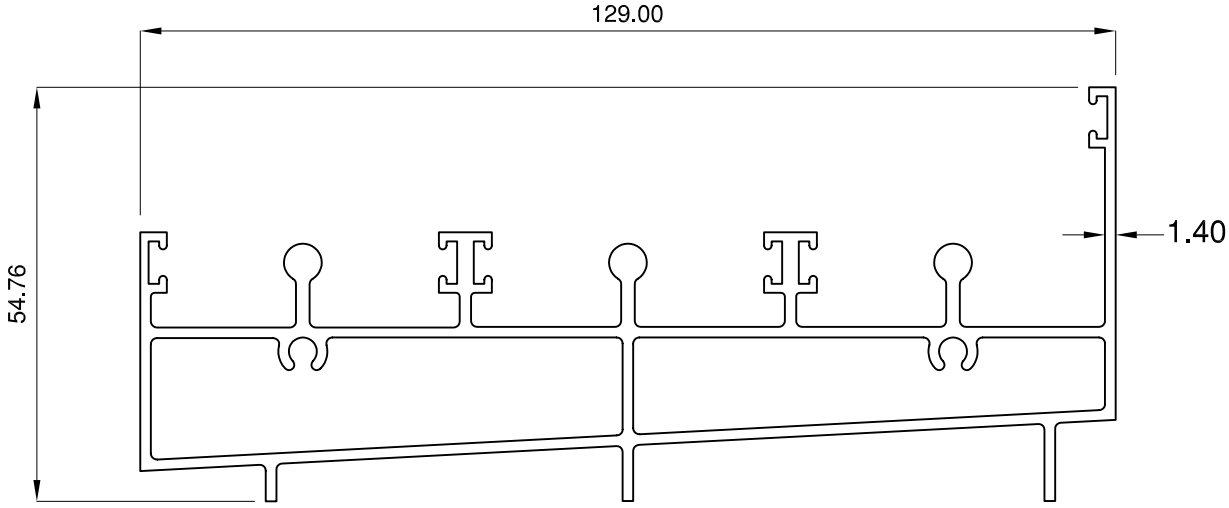
17150

WT : 1.381 Kg/m
AP : 679.62 mm



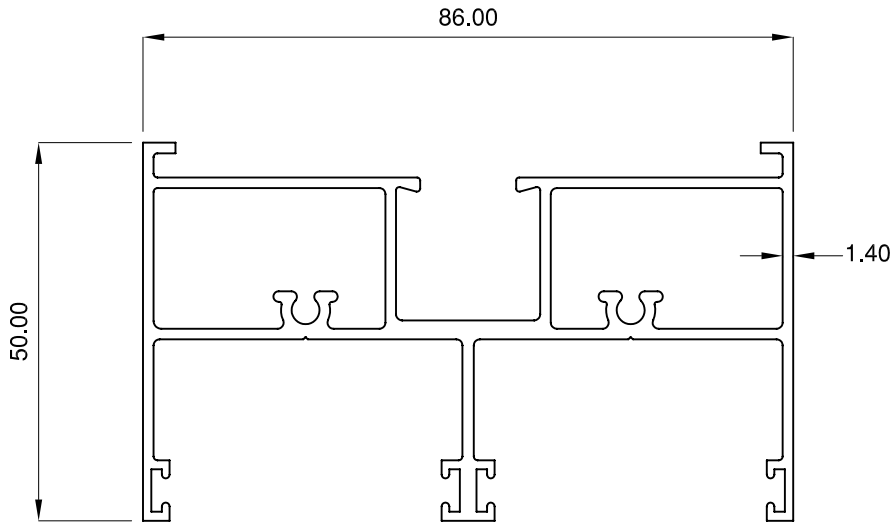
17225

WT : 1.831 Kg/m
AP : 716.59 mm



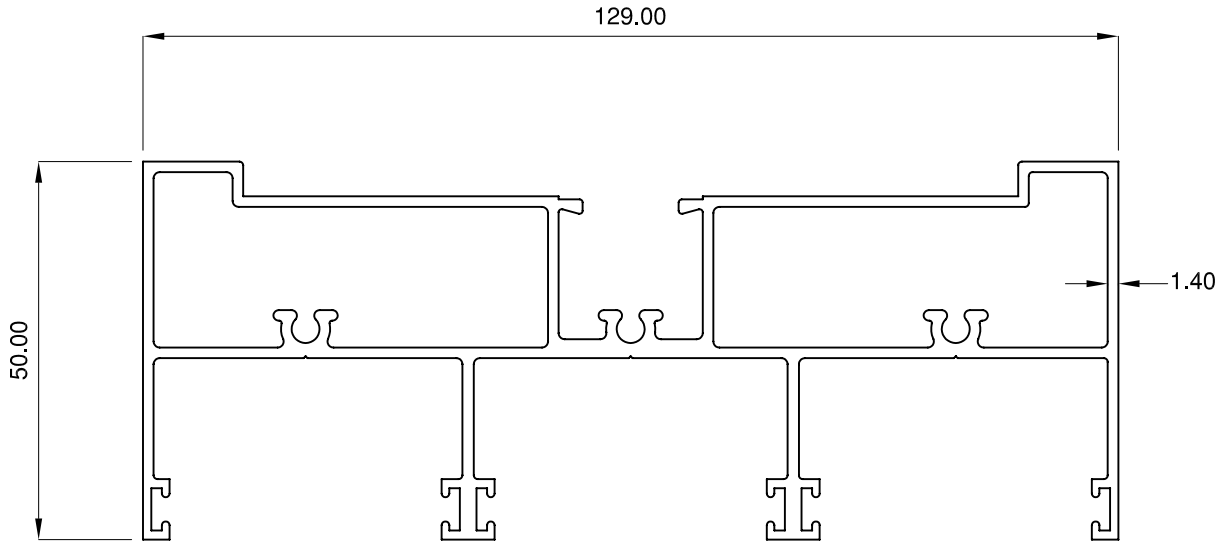
15350

WT : 1.951 Kg/m
AP : 617.88 mm



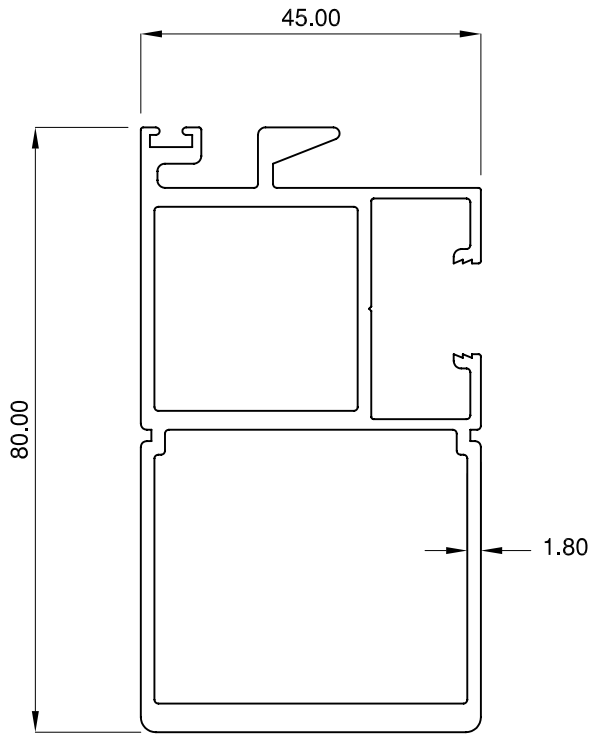
17286

WT : 1.535 Kg/m
AP : 490.73 mm



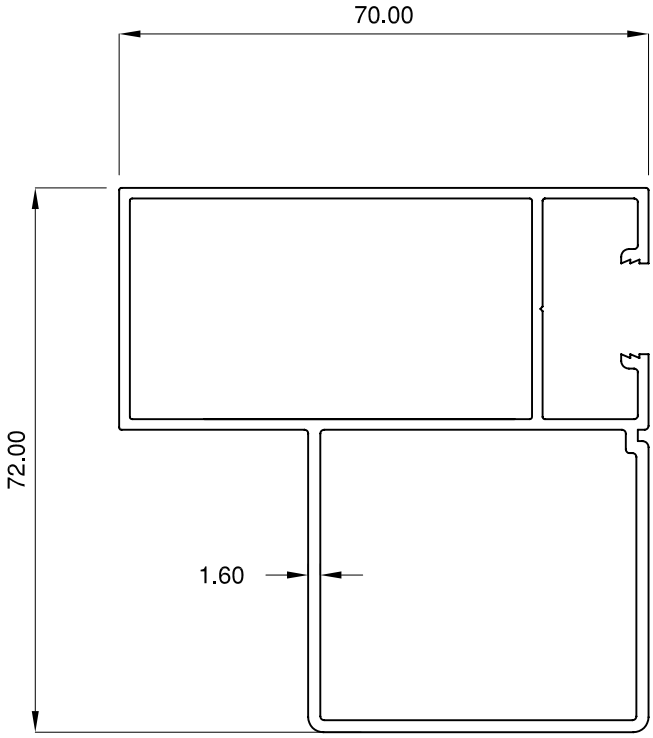
17285

WT : 2.087 Kg/m
AP : 659.32 mm



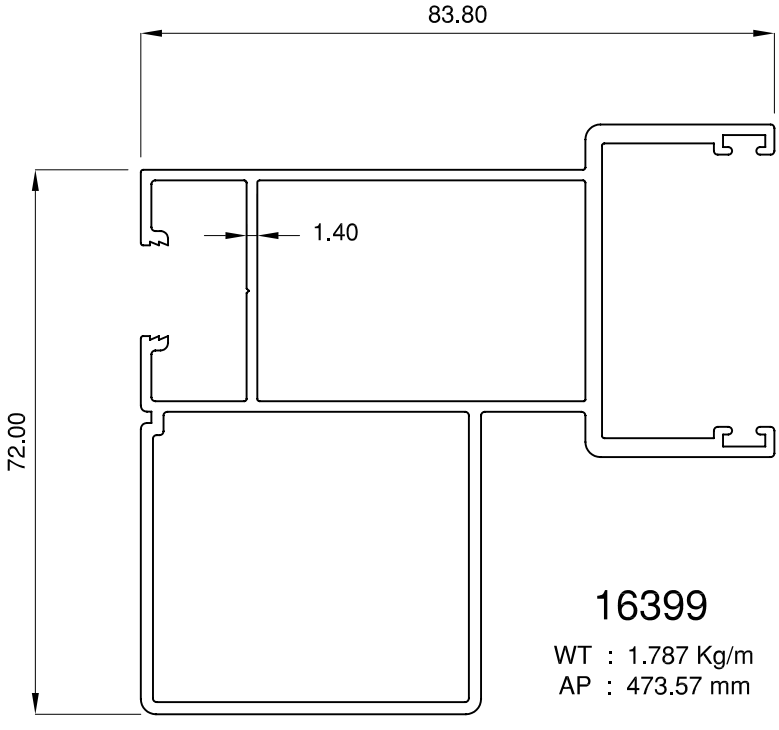
16400

WT : 1.959 Kg/m
AP : 374.13 mm



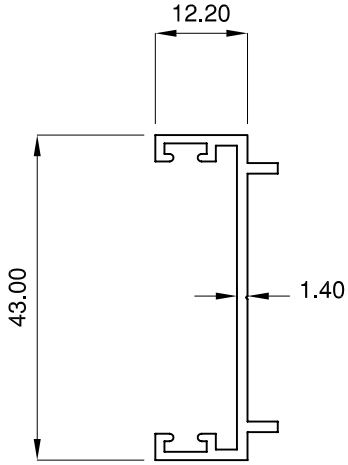
16398

WT : 1.407 Kg/m
AP : 355.81 mm



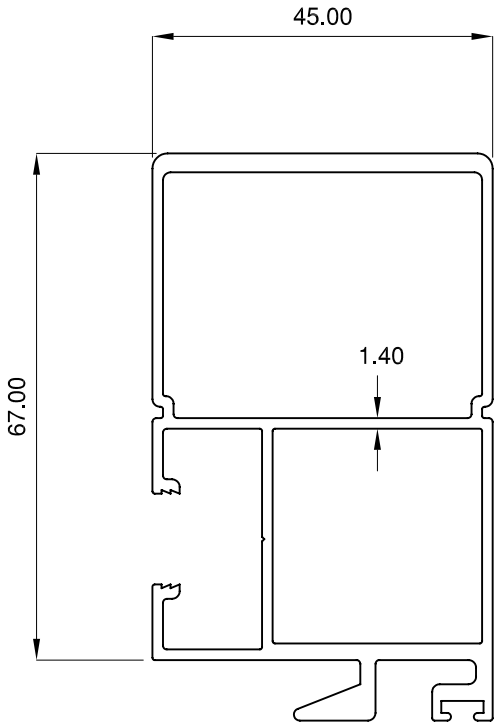
16399

WT : 1.787 Kg/m
AP : 473.57 mm



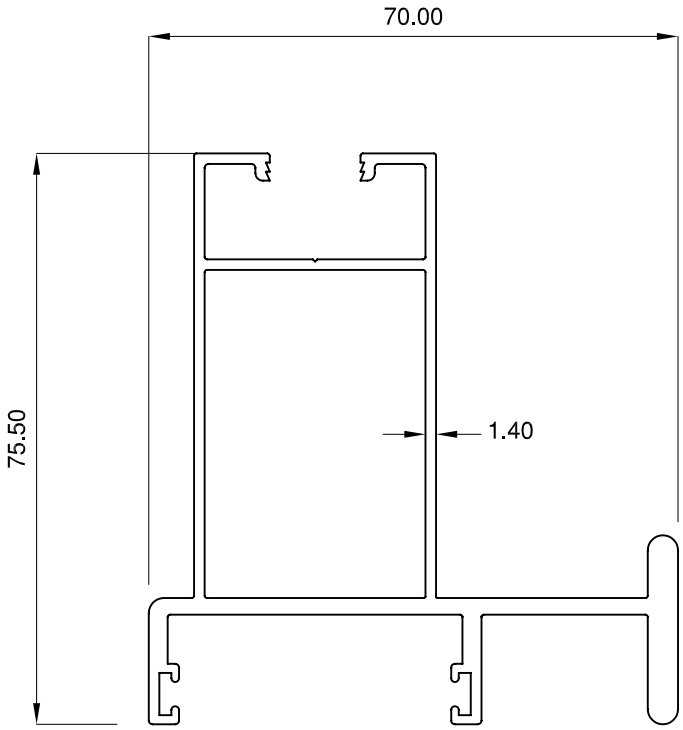
17226

WT : 0.310 Kg/m
AP : 174.06 mm



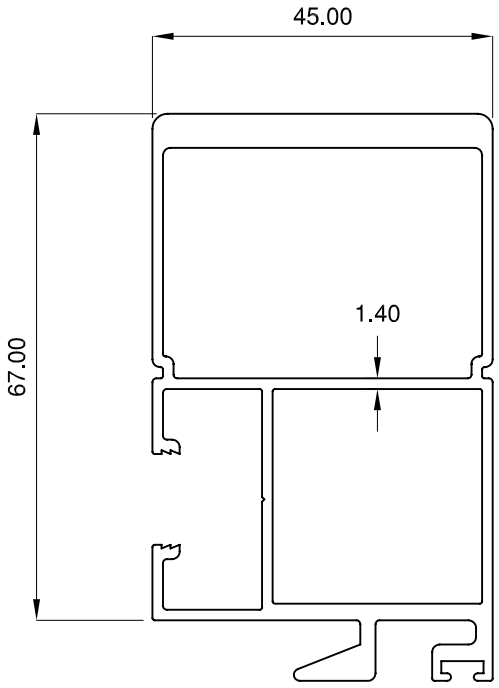
17123

WT : 1.470 Kg/m
AP : 363.65 mm



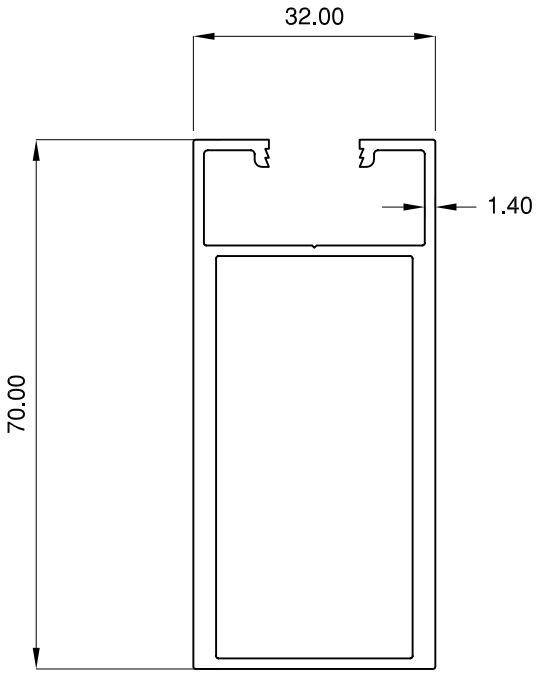
17110

WT : 1.532 Kg/m
AP : 454.82 mm



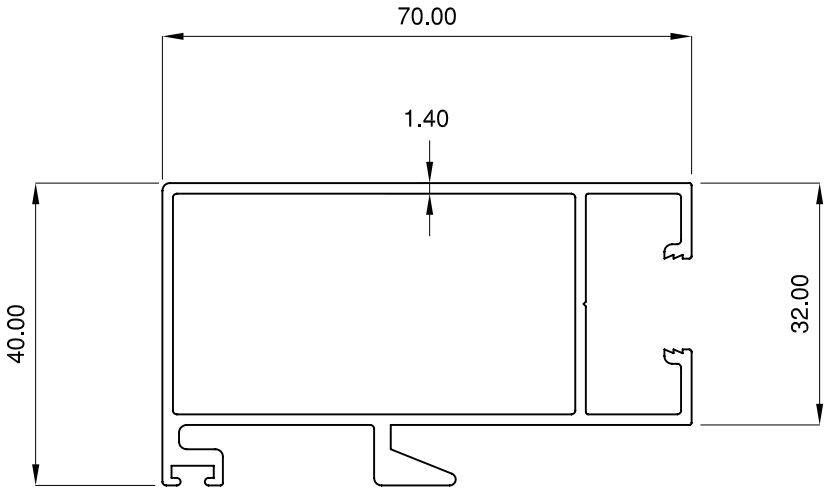
17197

WT : 1.699 Kg/m
AP : 363.65 mm



17196

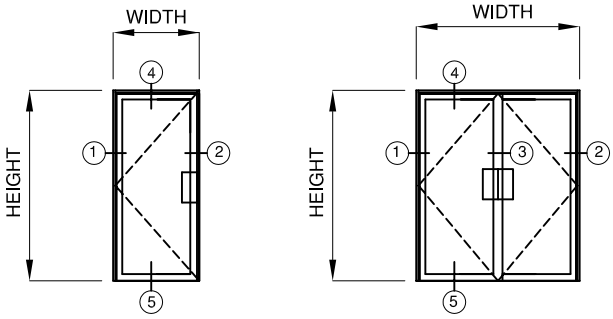
WT : 1.298 Kg/m
AP : 275.37 mm



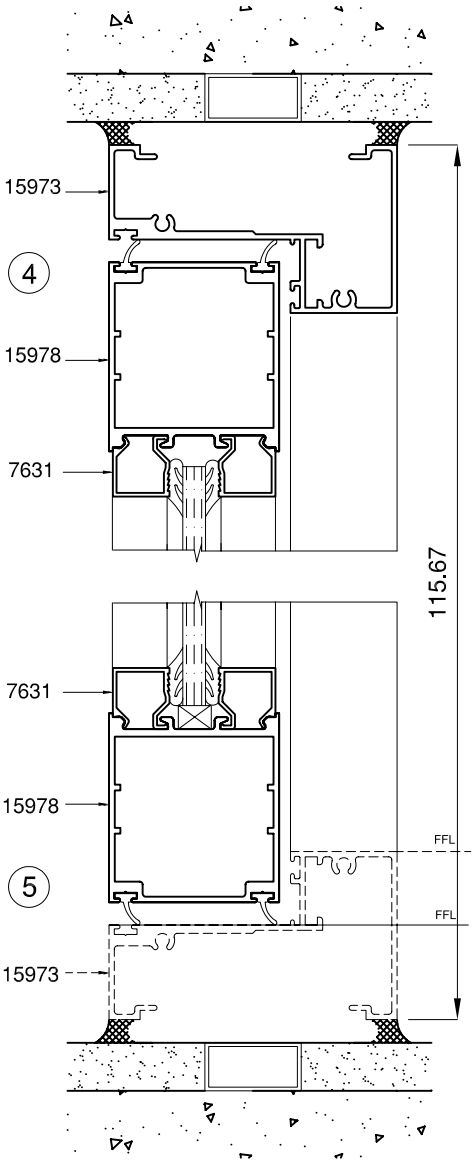
PMB2831

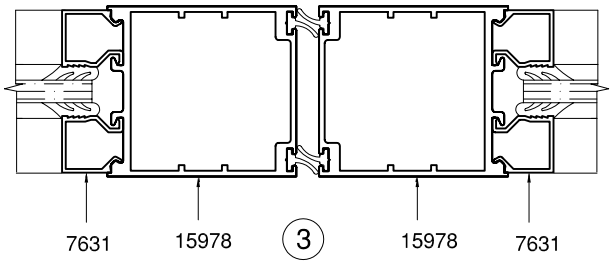
WT : 1.046 Kg/m
AP : 339.34 mm

PRESS METAL ACE High Performance Systems	SWING DOOR	REF : CDS Page: 1
	COMDOOR ™ S	DATE : 1.1.2015
		REPLACES :

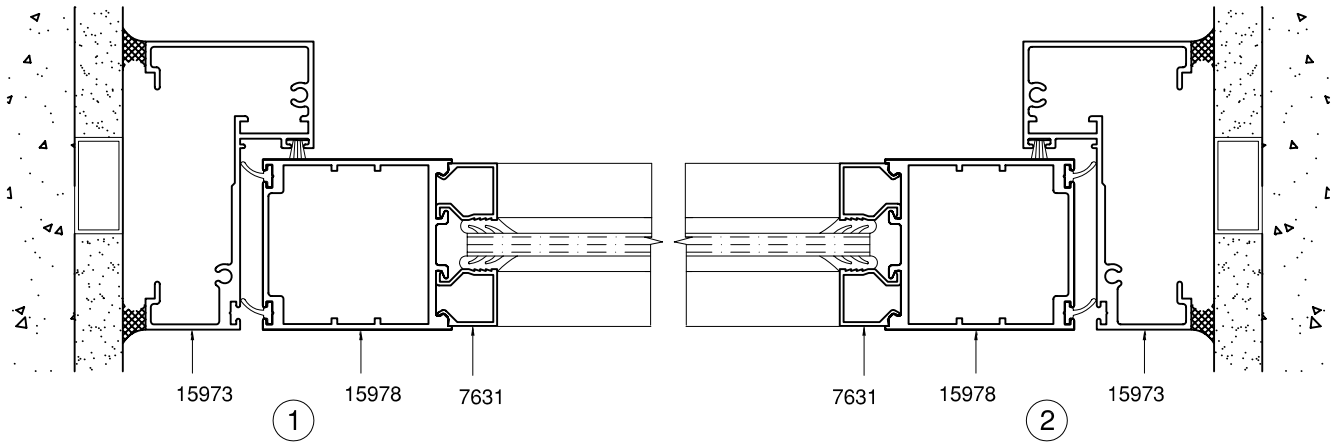


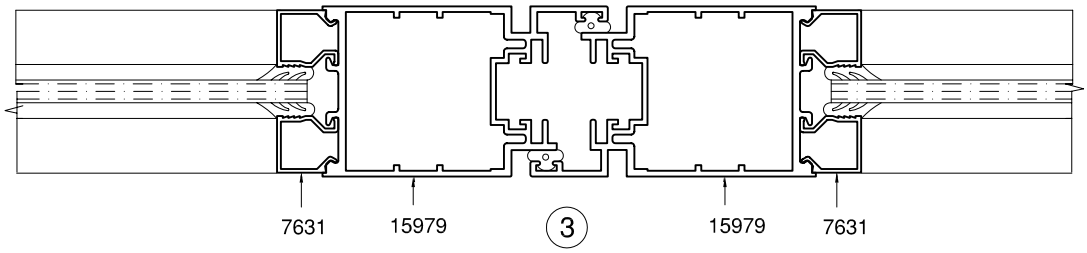
ELEVATIONS

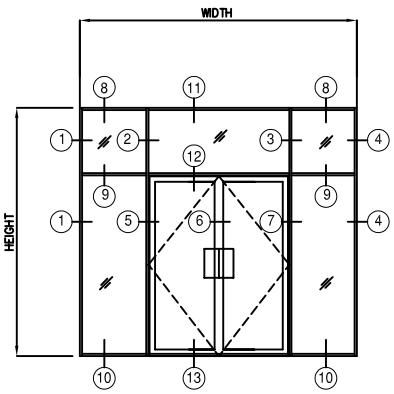




ALTERNATIVE







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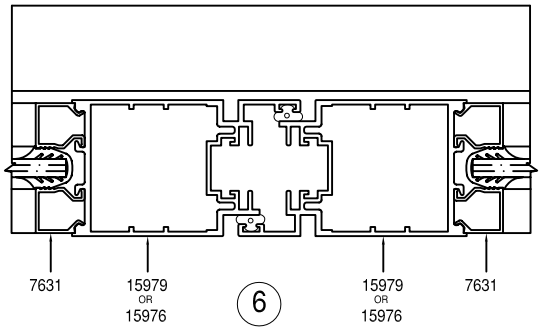

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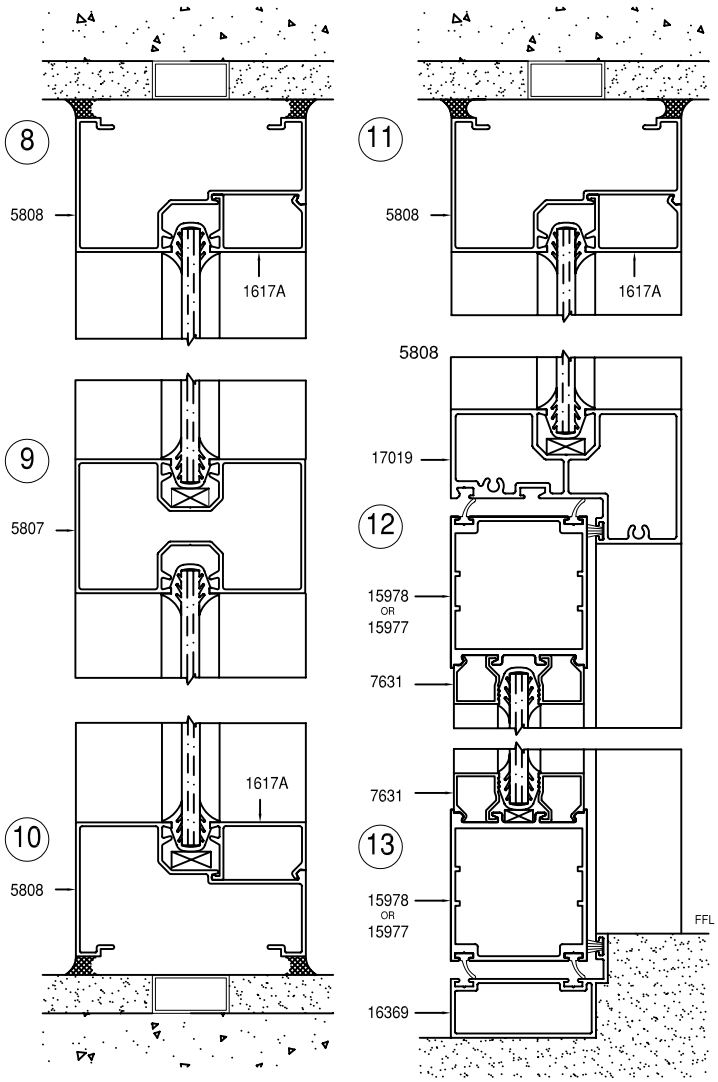

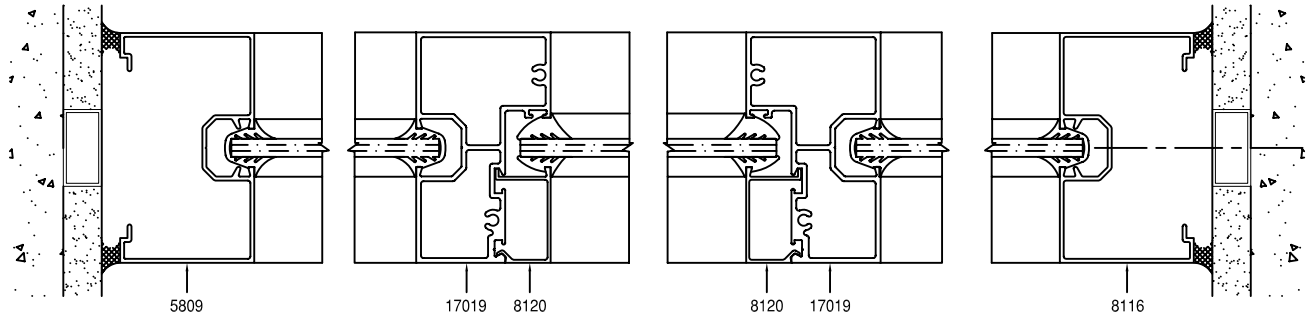

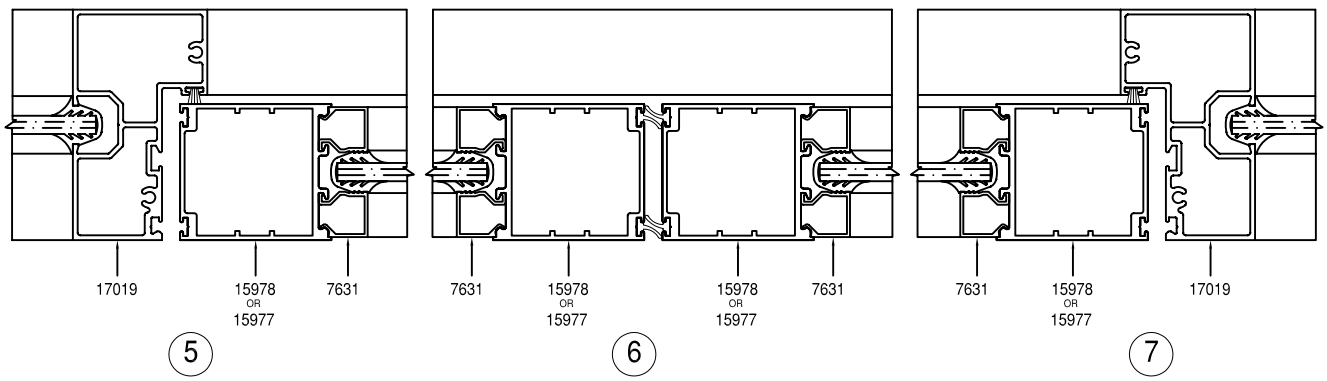

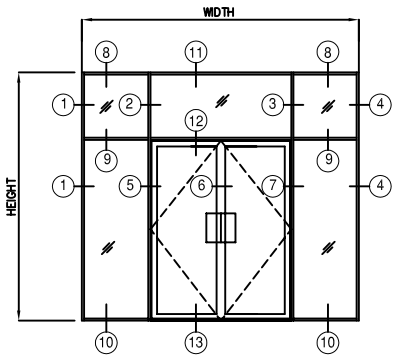

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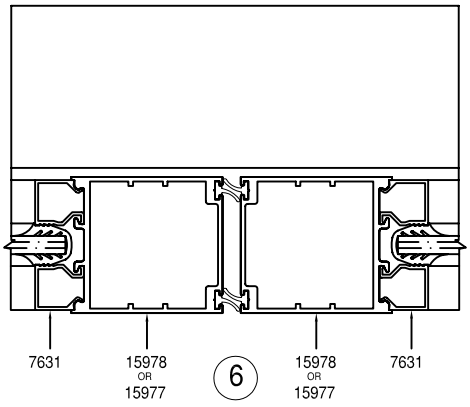

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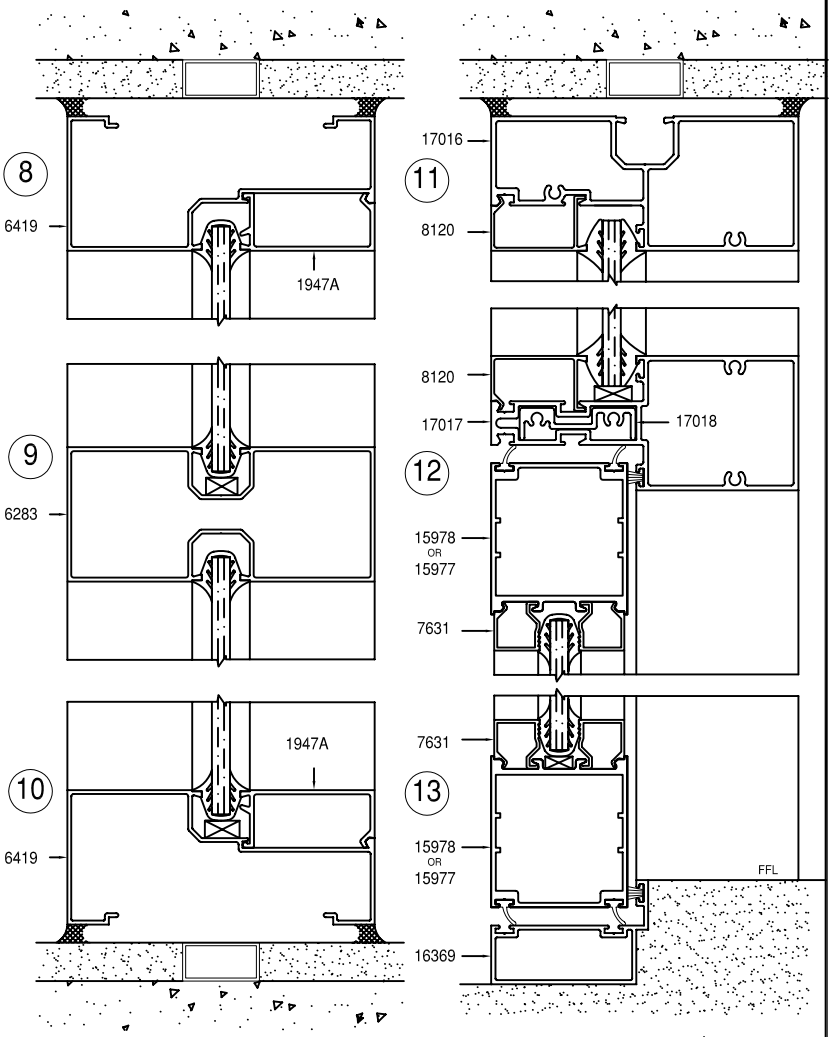
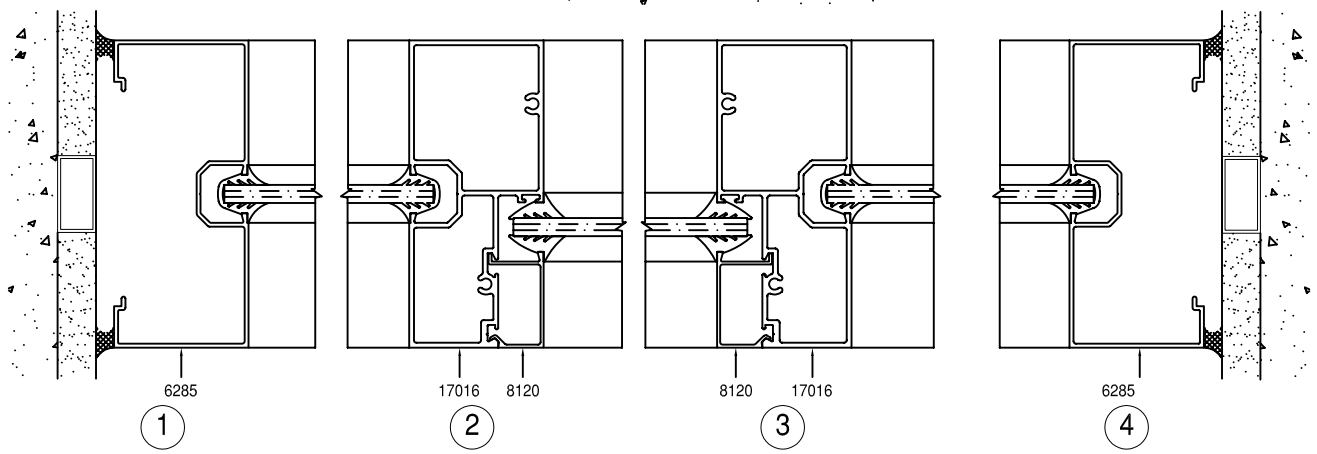
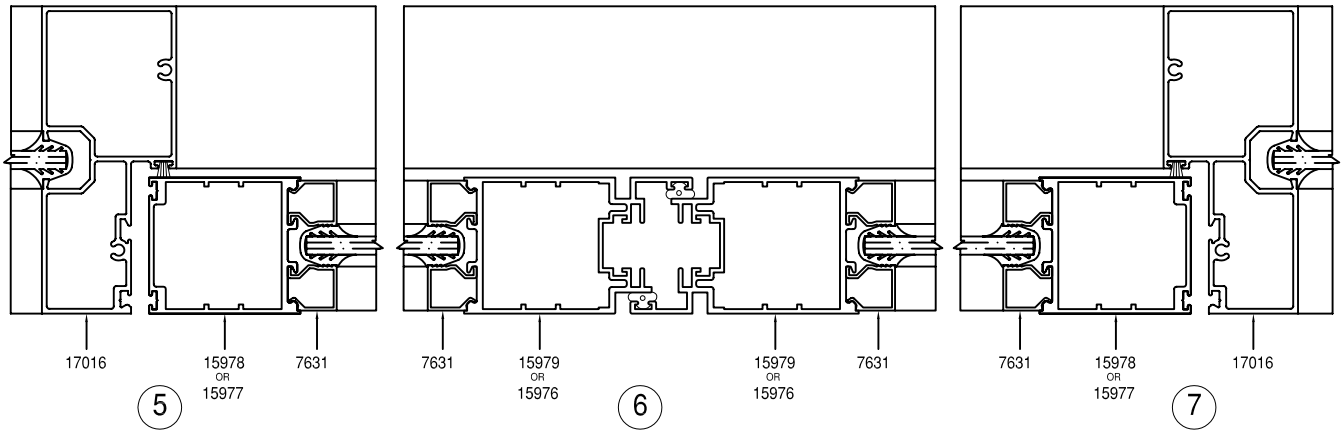
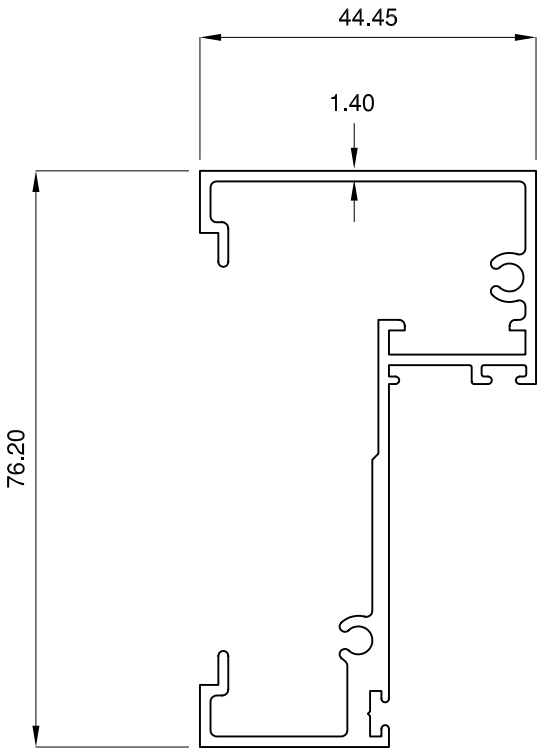


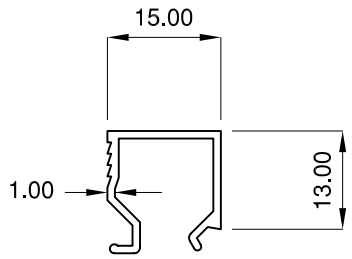






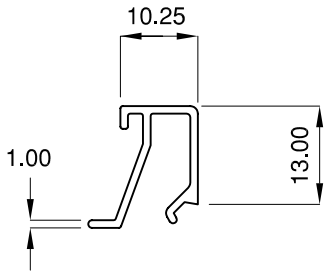
15973

WT : 0.988 Kg/m
AP : 444.90 mm



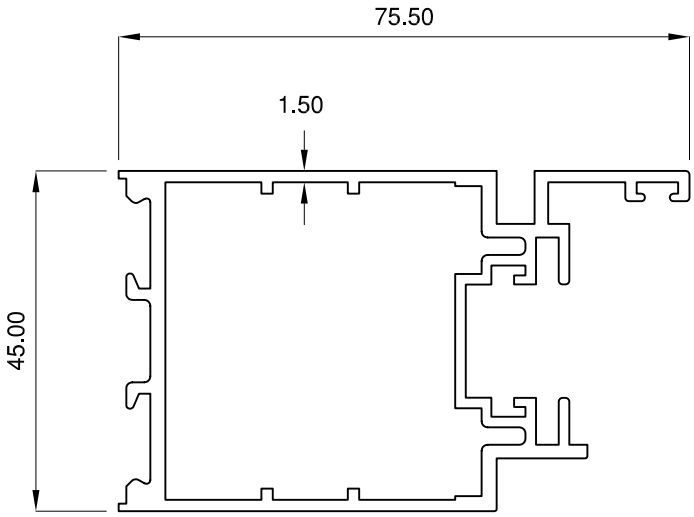
7631

WT : 0.148 Kg/m
AP : 106.50 mm



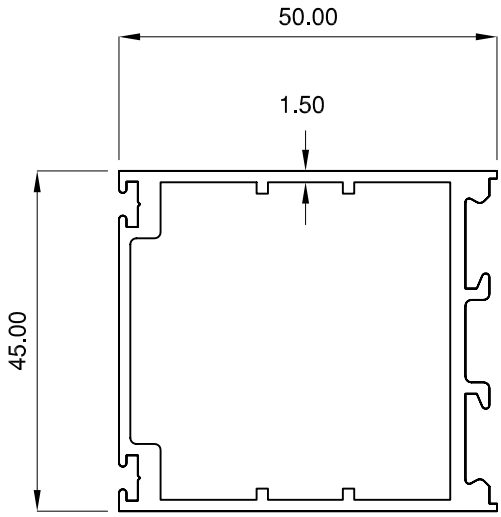
12092

WT : 0.132 Kg/m
AP : 95.65 mm



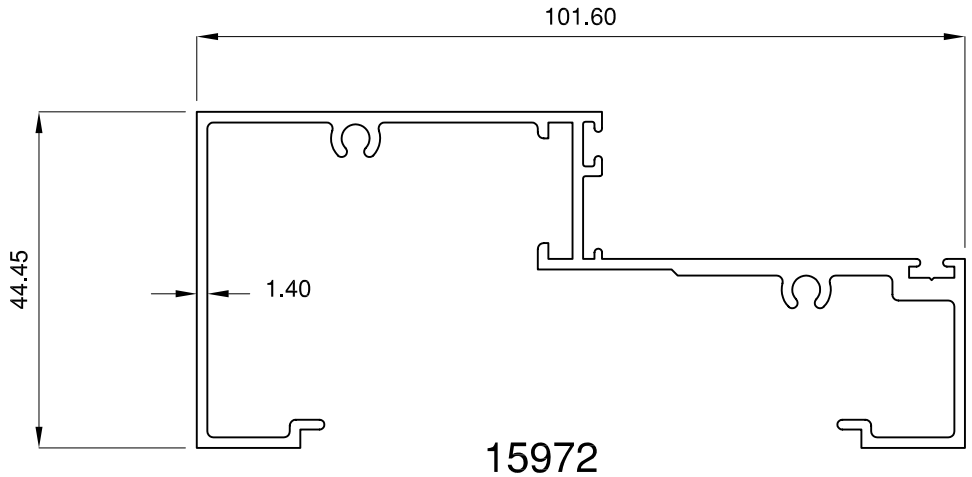
15979

WT : 1.330 Kg/m
AP : 371.09 mm



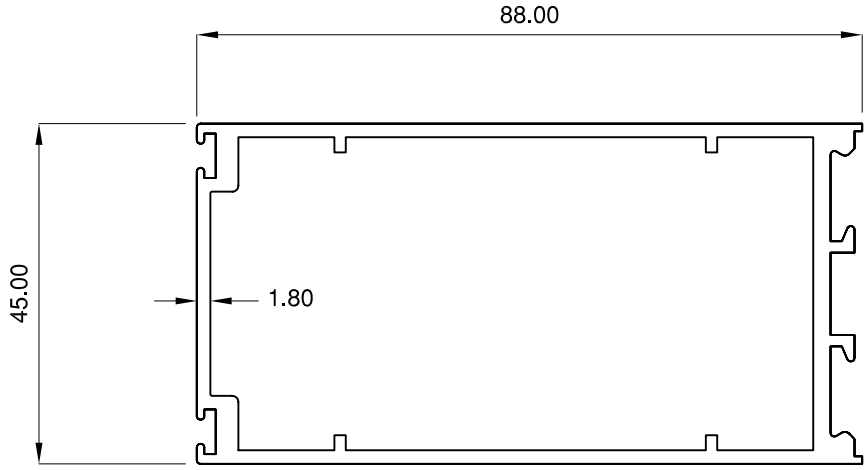
15978

WT : 1.017 Kg/m
AP : 236.47 mm



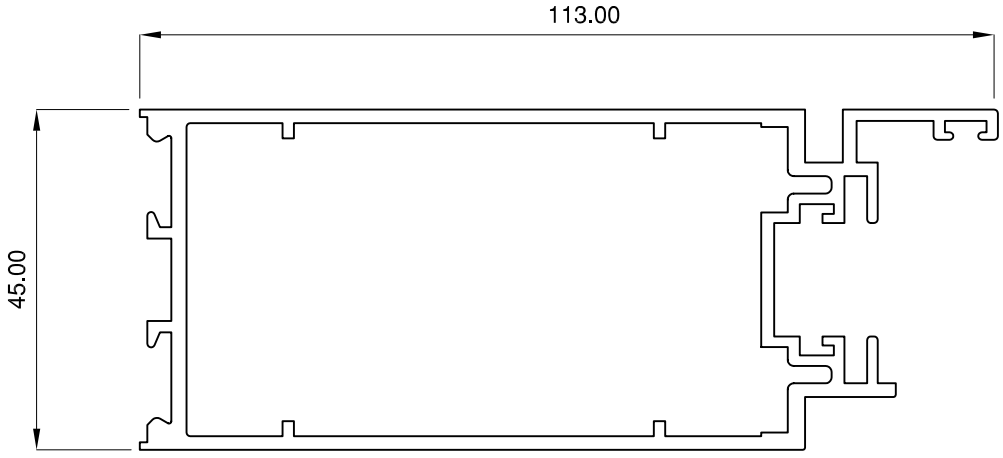
15972

WT : 1.104 Kg/m
AP : 517.92 mm



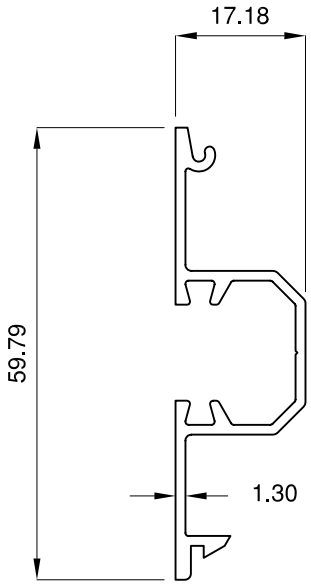
15977

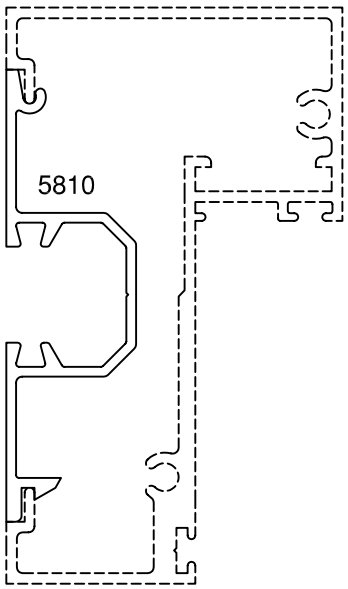
WT : 1.500 Kg/m
AP : 312.56 mm



15976

WT : 1.794 Kg/m
AP : 449.03 mm

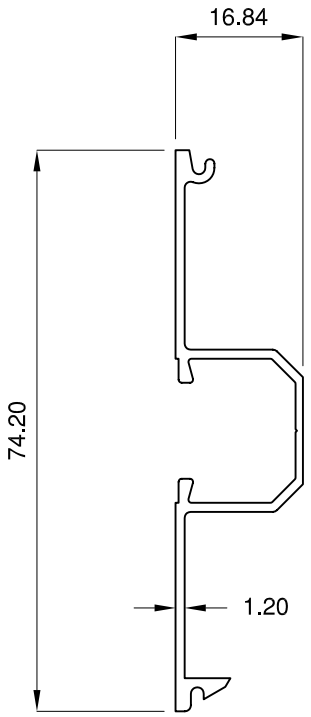


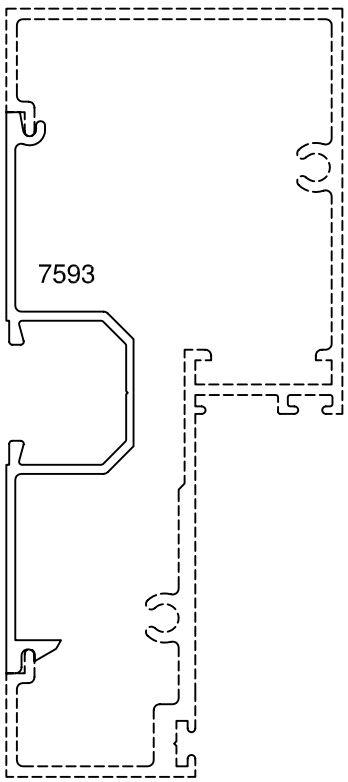


15973

5810

WT : 0.458 Kg/m
AP : 236.77 mm

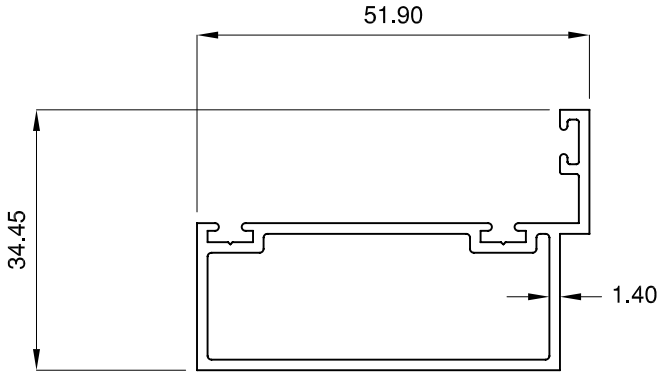




15972

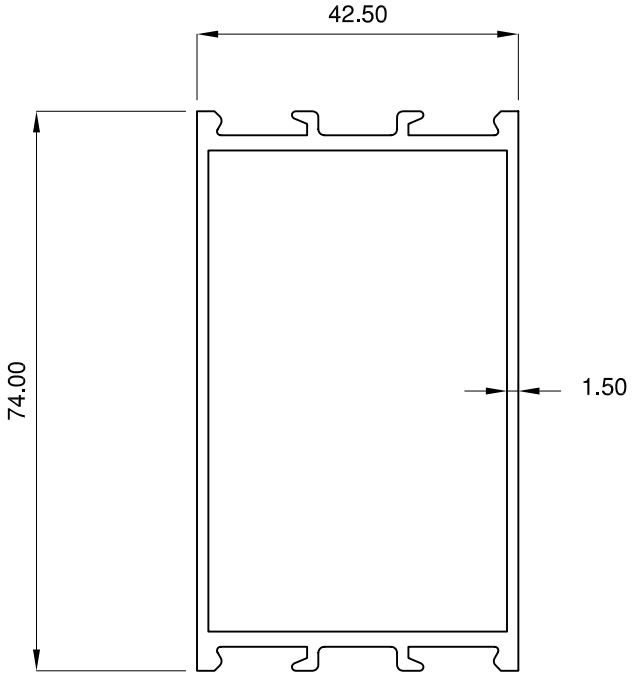
7593

WT : 0.416 Kg/m
AP : 240.15 mm



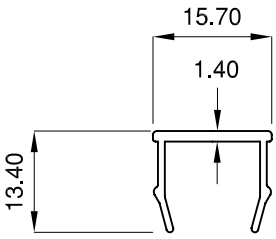
16369

WT : 0.649 Kg/m
AP : 207.29 mm



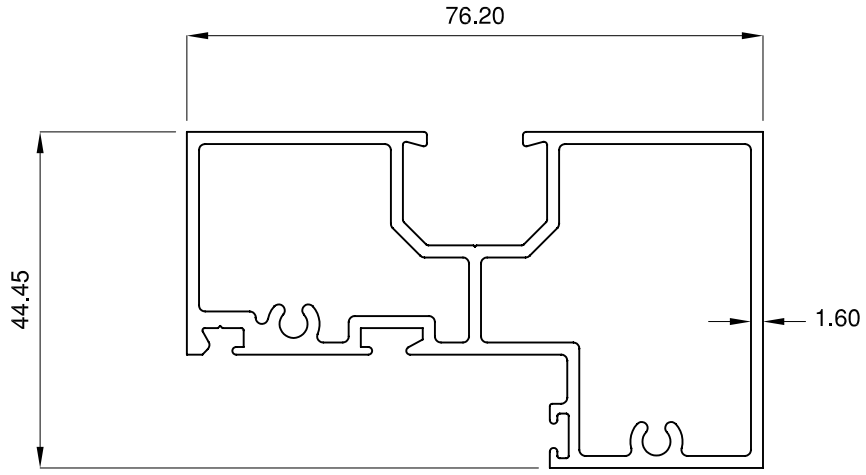
16370

WT : 1.156 Kg/m
AP : 280.38 mm



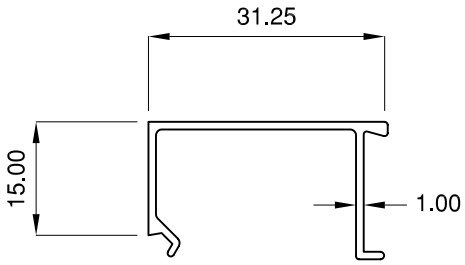
16471B

WT : 0.124 Kg/m
AP : 82.08 mm



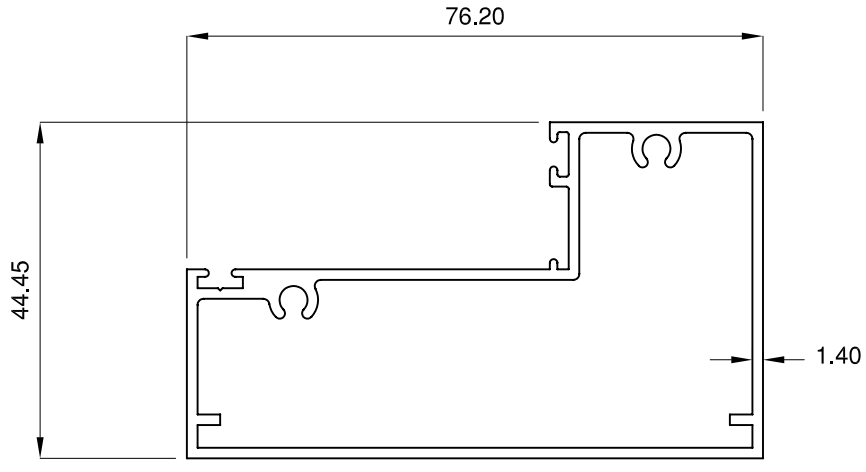
17019

WT : 1.461 Kg/m
AP : 317.05 mm



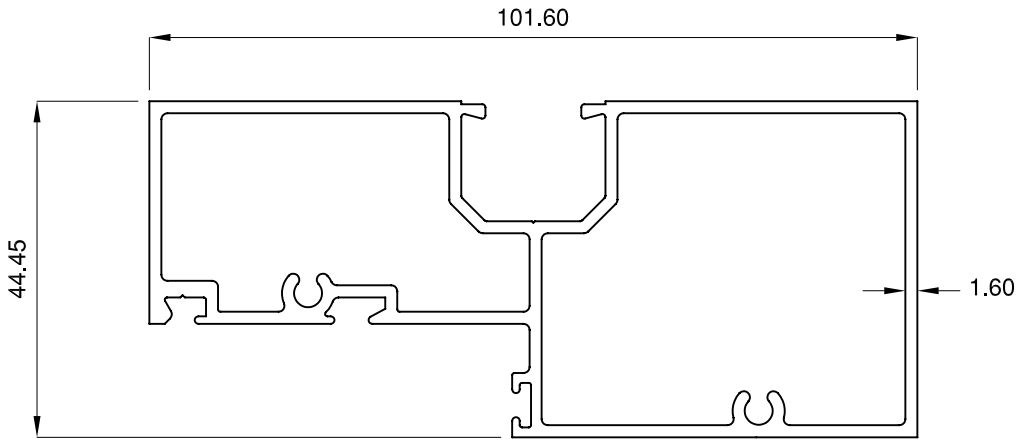
8120

WT : 0.198 Kg/m
AP : 141.32 mm



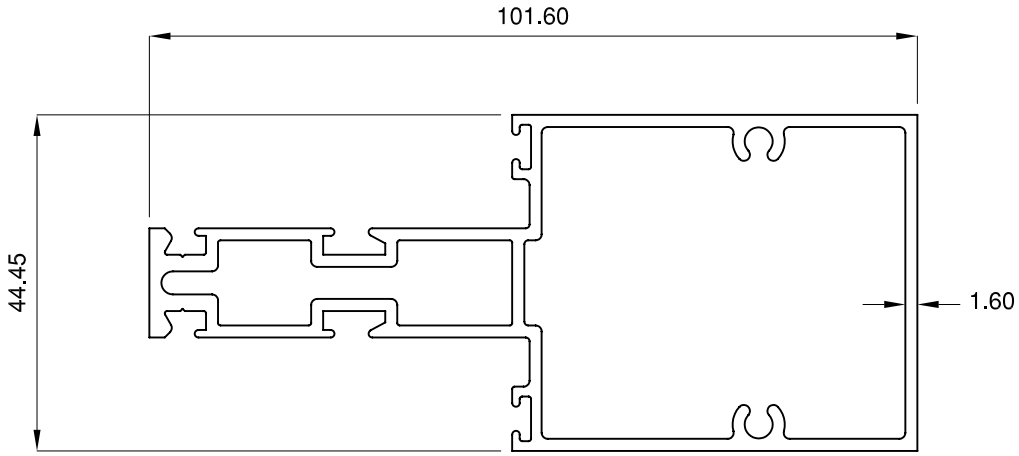
17222

WT : 1.099 Kg/m
AP : 267.79 mm



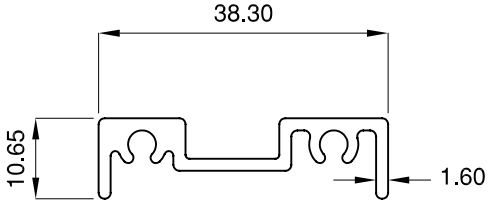
17016

WT : 1.657 Kg/m
AP : 367.70 mm



17017

WT : 1.627 Kg/m
AP : 364.98 mm



17018

WT : 0.382 Kg/m
AP : 151.51 mm