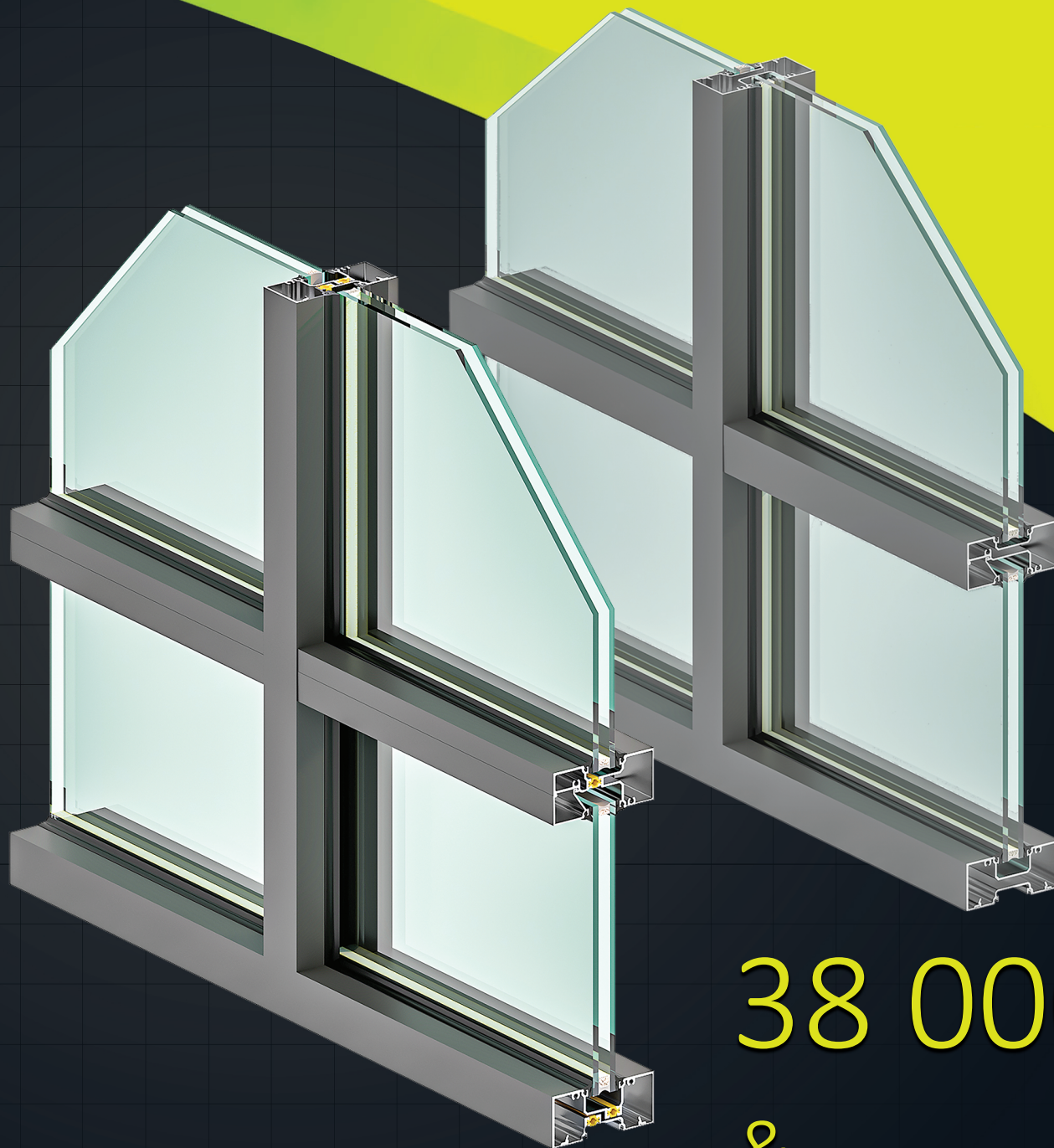




TECHNICAL CATALOGUE



38 000

&

39 000

GENERAL NOTES

THE SECTIONS

These are extruded in aluminium alloy from UNI EN 573/3 (EN-AW 6060)- subject to a thermal treatment, applied according to UNI EN 755-2 regulation.

SECTIONS WEIGHT

The weights shown are theoretical and it may vary in function of the dimensional tolerances of the sections UNI EN 12020-2.

DIMENSIONS OF SECTIONS

The dimensions shown are theoretical ones, therefore may vary depending on the tolerances dimensional extrusion (UNI EN 12020-2). This variability affects all sections, can affect, on the size of the cut and the end of the frame. Even coating affects the increase of the thickness, causing the variations of the size of the profiles; it is therefore necessary to always check the dimensions of the profiles before making the cuts.

SURFACE PROTECTION

In order to minimize the profiles corrosion, it's important to apply the following rules:

- Use accessories assembly of aluminum or stainless steel screws,
- Protect the parts cut and polished with suitable products
- Avoid puddles of condensation inside the profiles.
- Protect installed products until completion of project.
- Repair or replace damaged products before completion of project.

For the realization of doors and windows, it is necessary to use original rubbers and accessories according to the technical catalog and respecting the norms and suggestions given in the catalog.

Respecting these rules, samples were made which, tested in the laboratory, gave the results noted in the certifications.

WINDOW DIMENSIONS

To determine the maximum dimensions of doors and windows, other data must be taken into consideration; constructive elements of windows (sections of profiles and moments of inertia, method of fixing to the wall, thicknesses and types of glass), characteristics of use and meteorological conditions as well as exposure of the window to them, wind speed according to the area, height of the floor where the window etc. will be installed. We recommend that you carefully follow the suggestions and data listed in the catalog.

GLASSES

This system makes it possible to mount glass or panels 25 mm; the choice of glass should be made based on the field of use; for assembly you must strictly refer to the glass manufacturer's description.

At the moment of assembling the storefronts, all the operations necessary for their proper operation must be performed, such as gluing and securely closing the corners, fixing them in the correct way on the wall and the operation of the accessories and gaskets which have been studied and are located in this catalog. To ensure proper operation, they must be assembled with the appropriate accessories advised by the series manufacturer. The water discharge and ventilation holes of the compression chamber must be of optimal dimensions and number for the proper operation of the storefront.

GENERAL NOTES

INSTALLATION

- Do not begin installation until substrates have been properly prepared.
- If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- Install in accordance with manufacturer's instructions.

PREPARATION

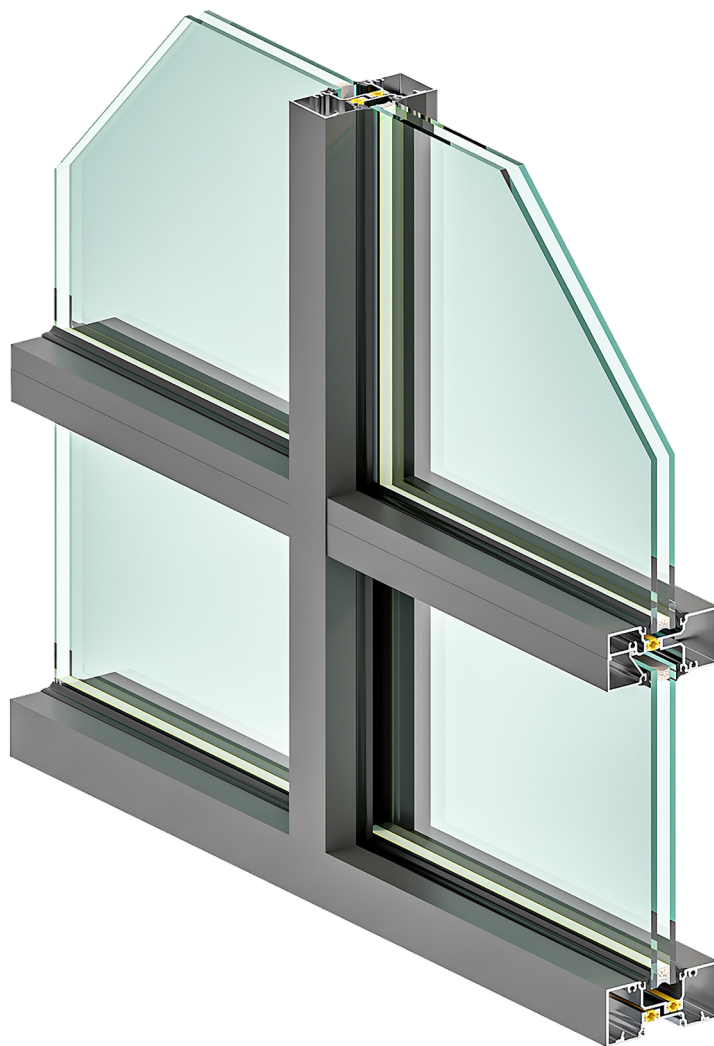
- Clean surfaces thoroughly prior to installation.
- Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

FIELD QUALITY CONTROL

- All joints between metal and masonry shall be fully caulked and field tested to resist water leakage with provisions taken to drain infiltrated water.

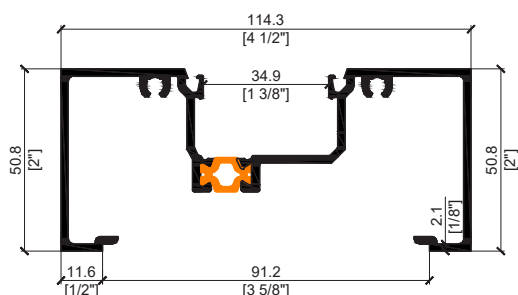
PS: With the aim of improving its products, EVEREST reserves the possibility to make changes to this document at any moment and with no advise.

The data reported in this catalog are indicative and not binding.



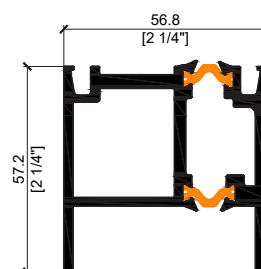
39 000 SERIES

LIST OF SECTIONS



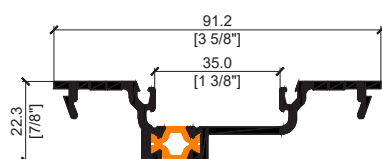
39101
kg/m 1.870

Jx 18.60 cm⁴
Wx 2.91 cm³
Jy 113.06 cm⁴
Wy 7.85 cm³



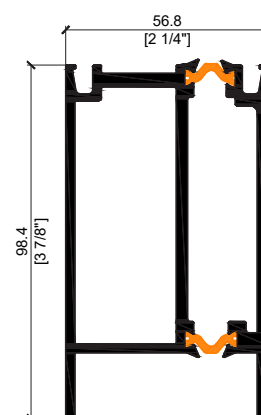
39311
kg/m 2.099

Jx 32.50 cm⁴
Wx 5.52 cm³
Jy 20.09 cm⁴
Wy 1.65 cm³



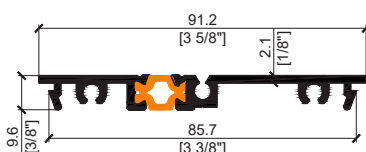
39102
kg/m 0.882

Jx 1.45 cm⁴
Wx 0.31 cm³
Jy 22.68 cm⁴
Wy 1.72 cm³



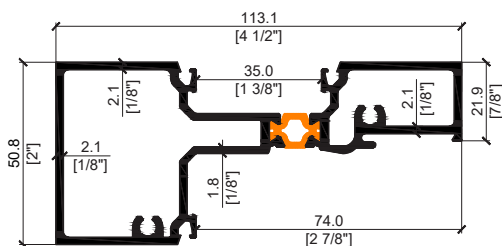
39312
kg/m 3.117

Jx 103.73 cm⁴
Wx 11.91 cm³
Jy 50.02 cm⁴
Wy 4.21 cm³



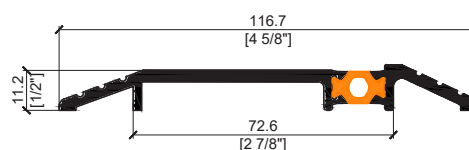
39111
kg/m 0.867

Jx 18.60 cm⁴
Wx 2.91 cm³
Jy 113.06 cm⁴
Wy 7.85 cm³



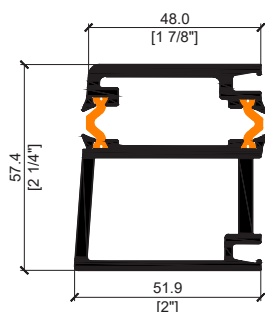
39301
kg/m 3.001

Jx 32.50 cm⁴
Wx 5.52 cm³
Jy 20.09 cm⁴
Wy 1.65 cm³



39621
kg/m 1.145

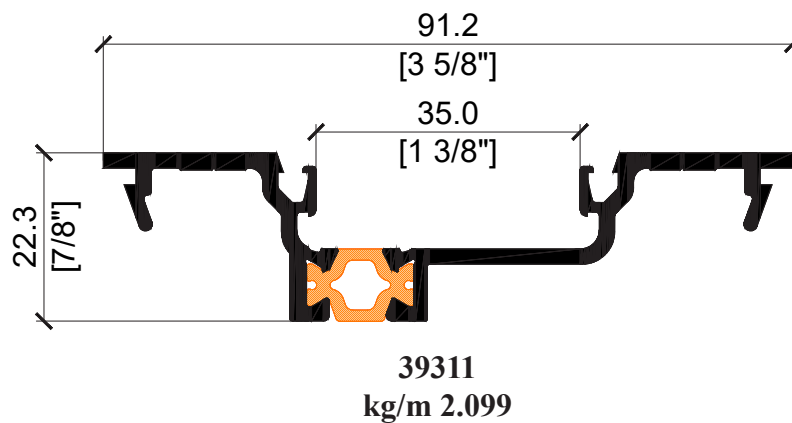
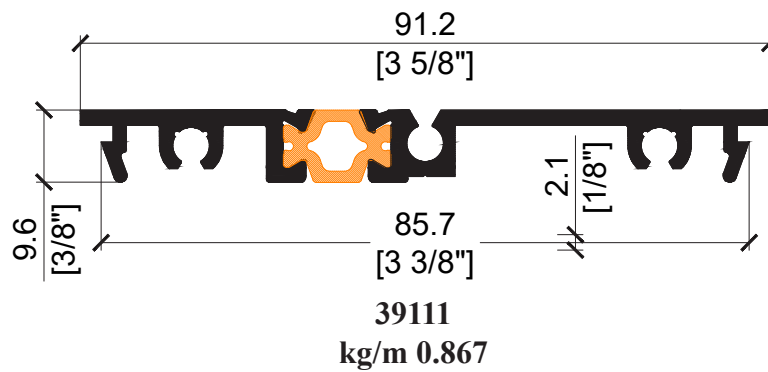
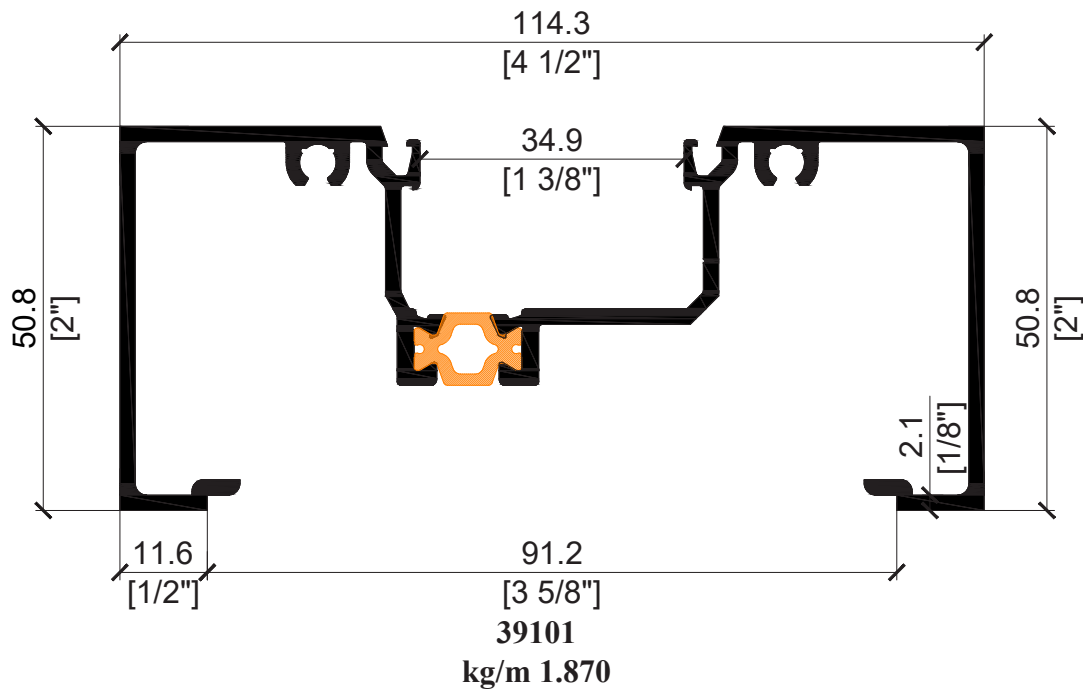
Jx 0.43 cm⁴
Wx 0.11 cm³
Jy 47.92 cm⁴
Wy 3.26 cm³



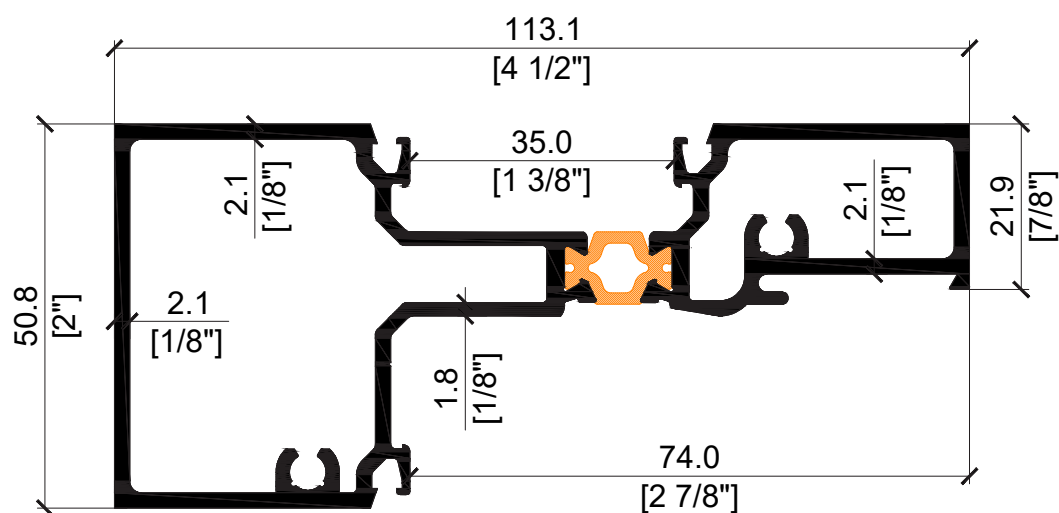
39201
kg/m 3.005

Jx 30.20 cm⁴
Wx 4.84 cm³
Jy 23.71 cm⁴
Wy 2.06 cm³

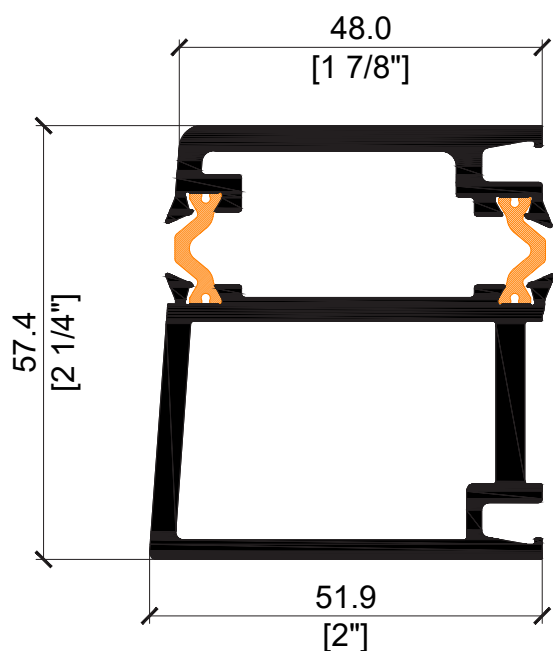
SECTIONS Scale 1:1



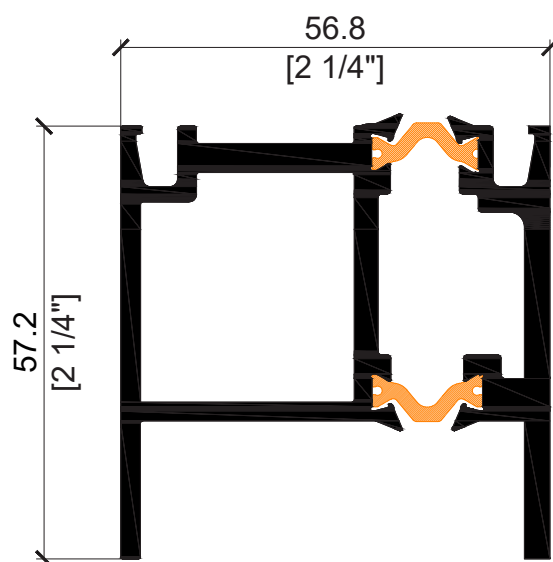
SECTIONS Scale 1:1



39301
kg/m 3.001

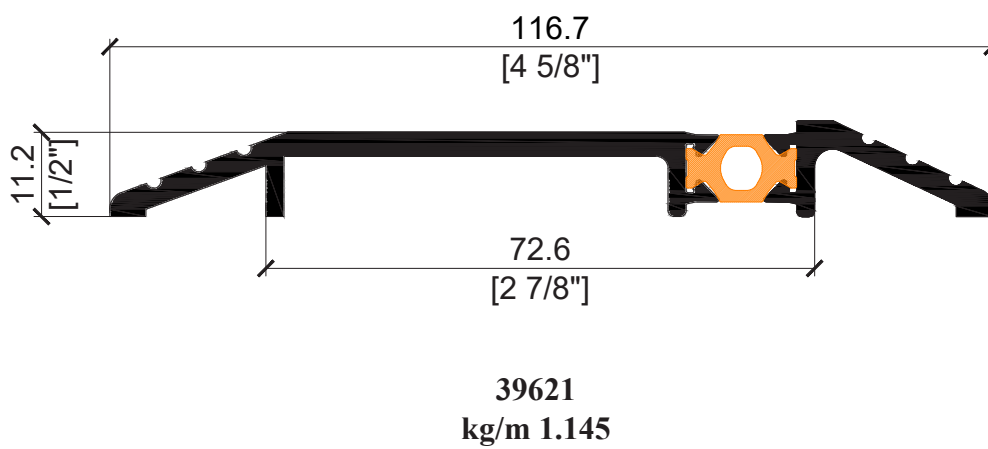
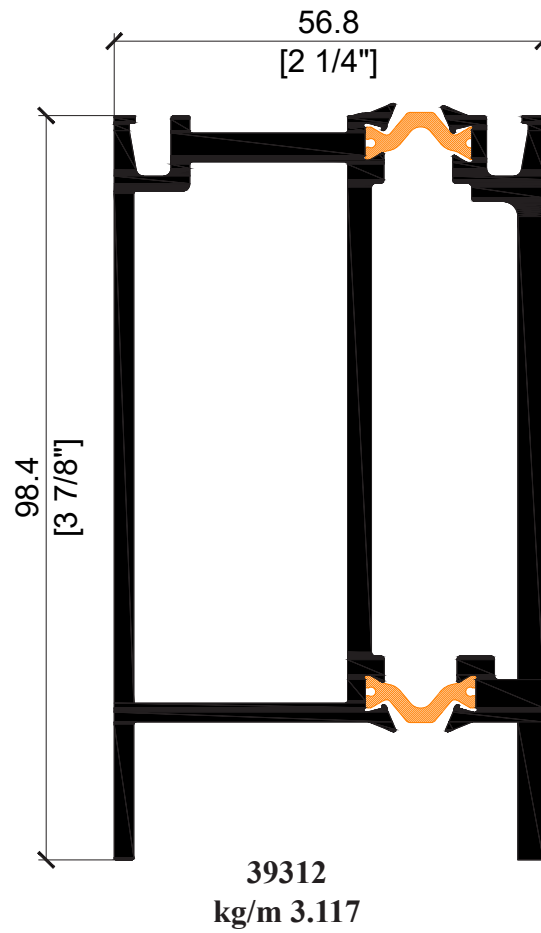


39201
kg/m 3.005

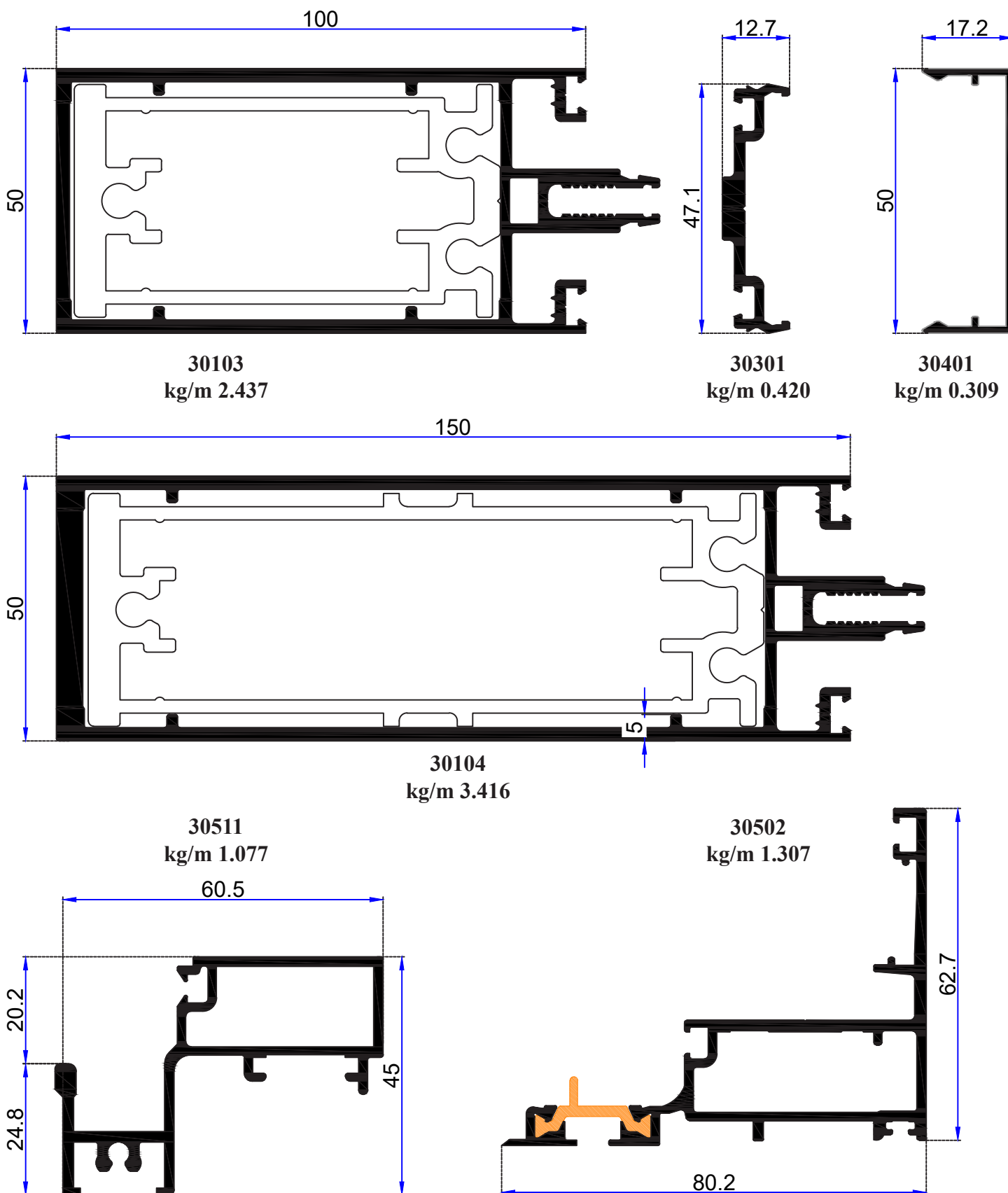


39311
kg/m 1.099

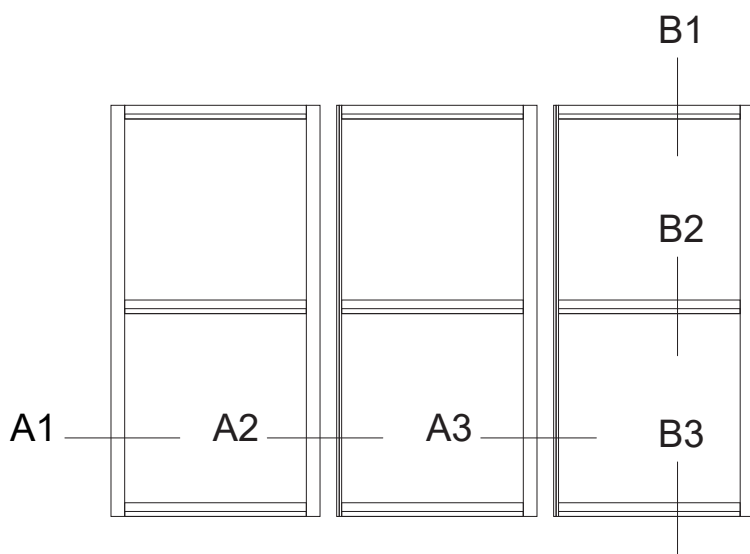
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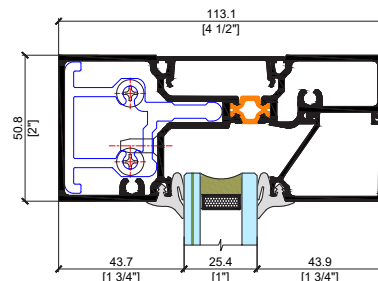
SECTIONS Scale 1:1



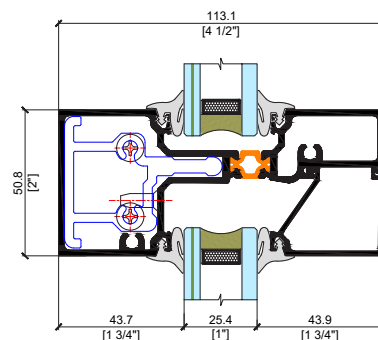
CROSS SECTION



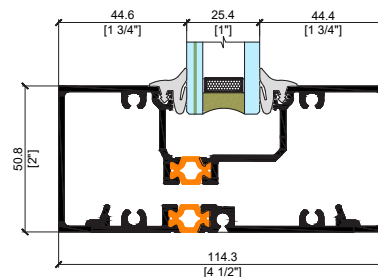
B1 HEAD



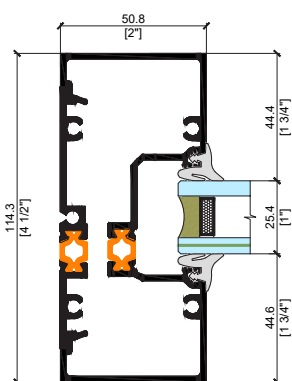
B2 HORIZONTAL



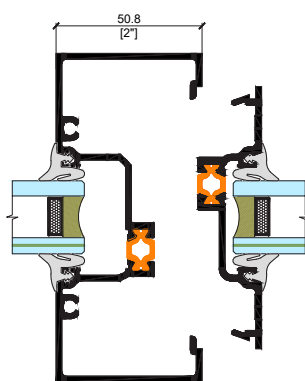
B3 SILL



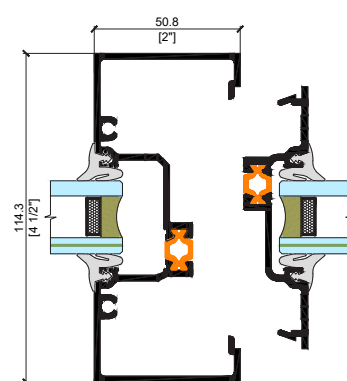
A1 VERTICAL



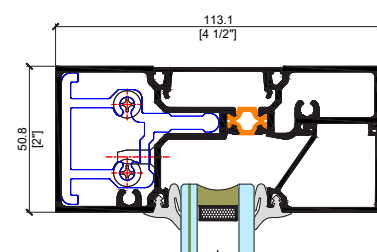
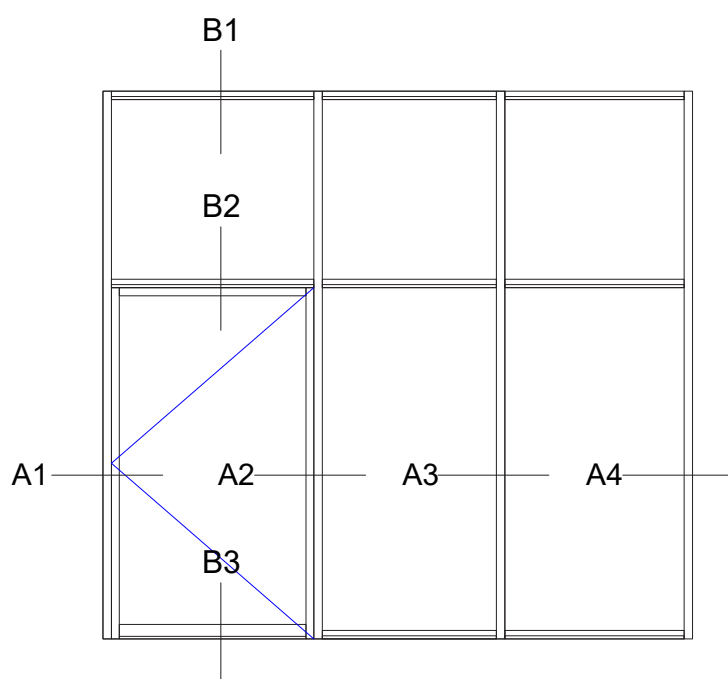
A2 VERTICAL



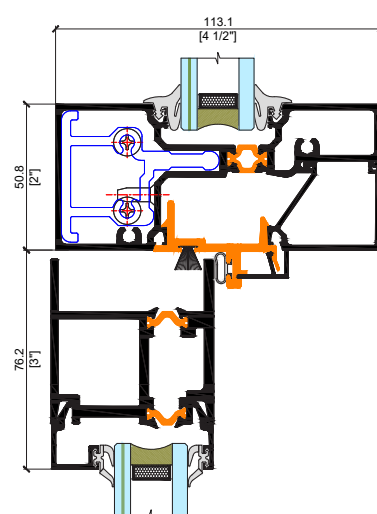
A3 VERTICAL



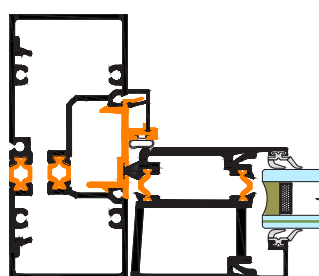
CROSS SECTION



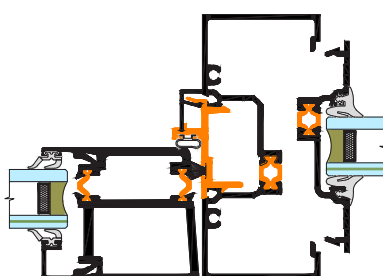
B1 HEAD



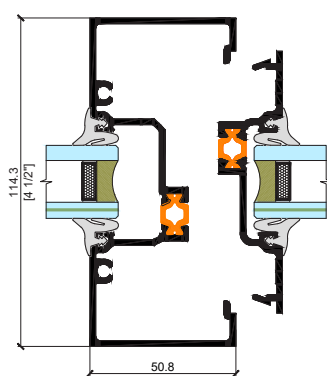
B2 HORIZONTAL



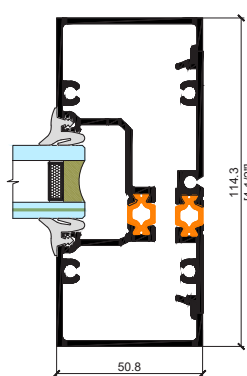
A1 JAMB



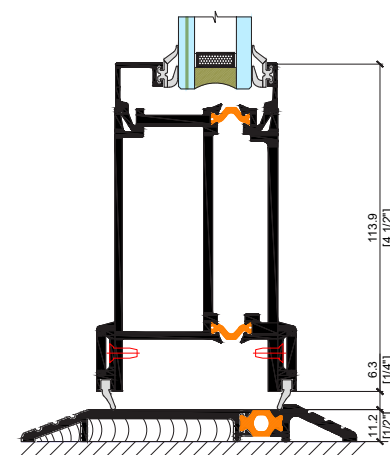
A2 VERTICAL



A3 VERTICAL

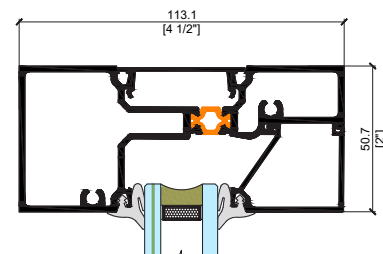
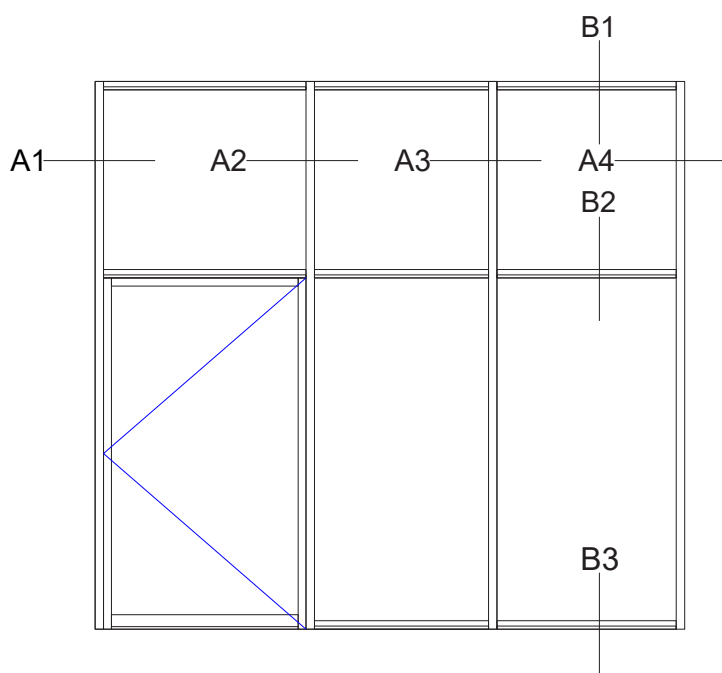


A4 JAMB

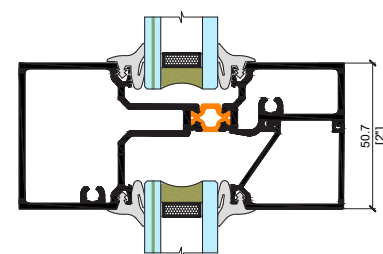


B3 SILL

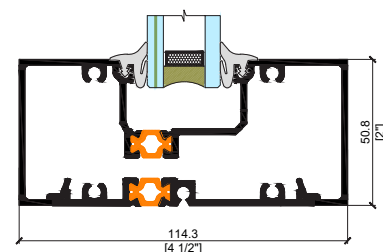
CROSS SECTION



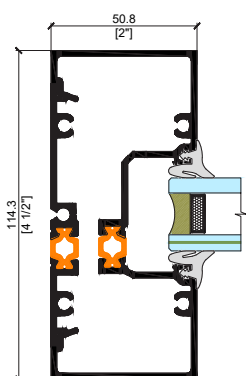
B1 HEAD



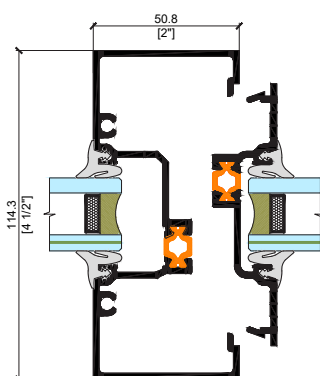
B2 HORIZONTAL



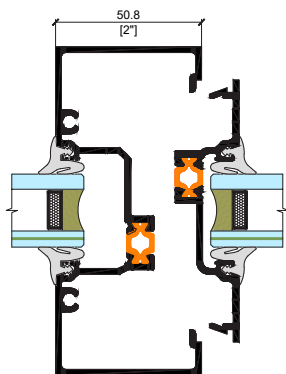
B3 SILL



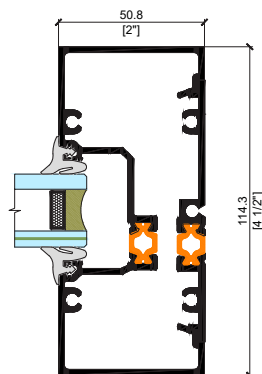
A1 JAMB



A2 VERTICAL

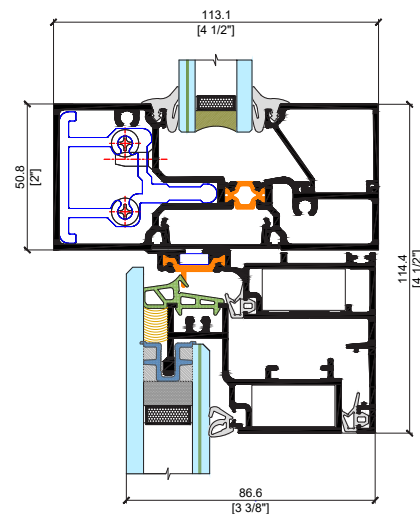
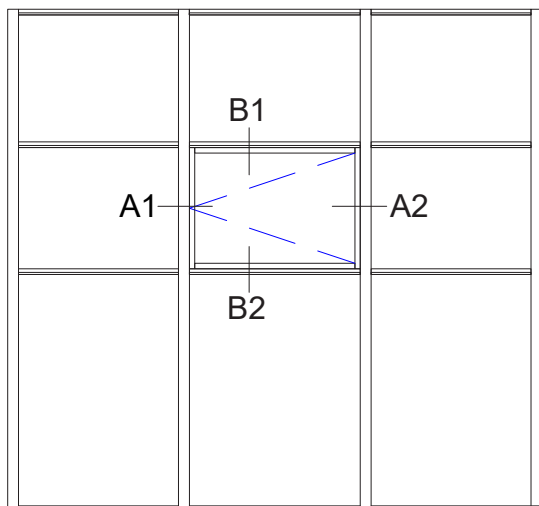


A3 VERTICAL

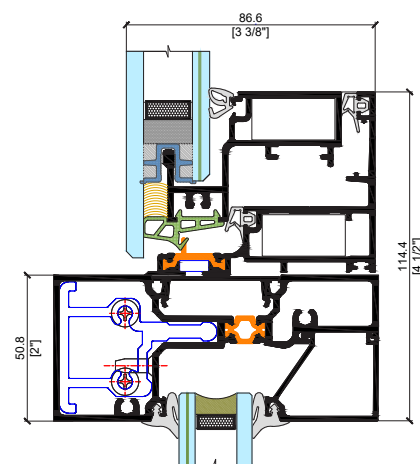


A4 JAMB

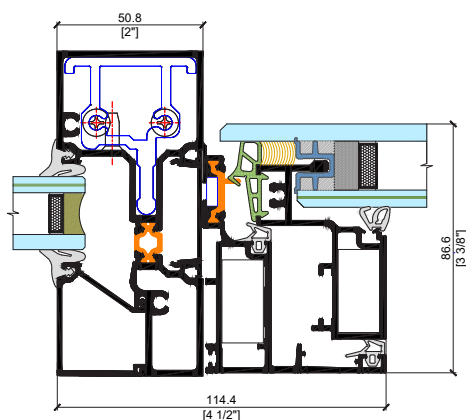
CROSS SECTION



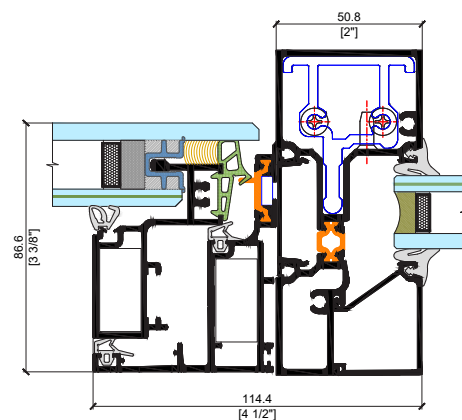
B1 HORIZONTAL



B2 HORIZONTAL

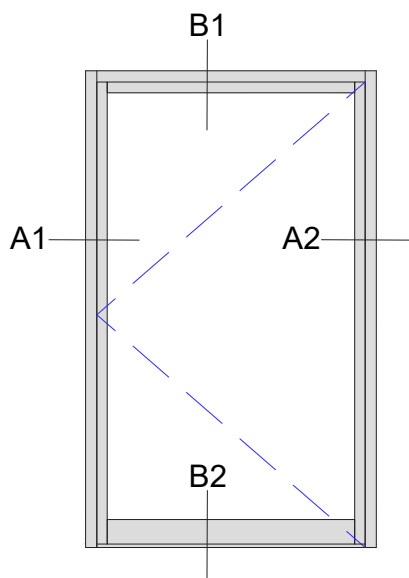


A1 VERTICAL

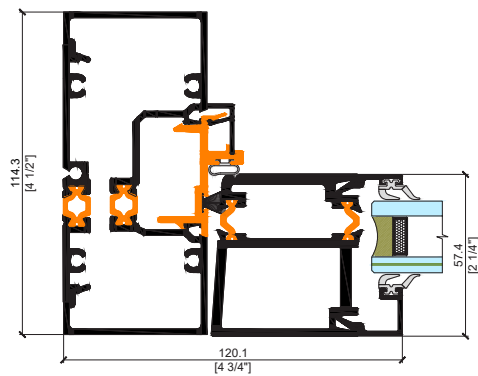


A2 VERTICAL

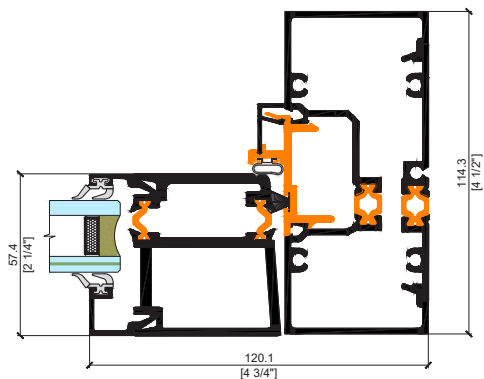
CROSS SECTION



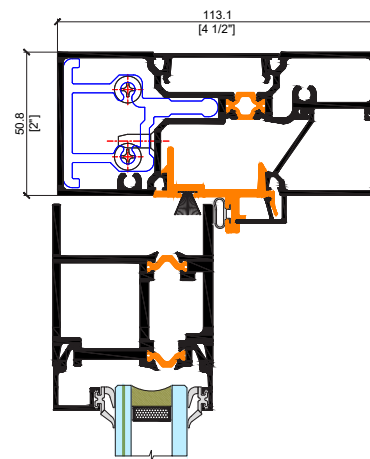
A1 DOOR JAMB



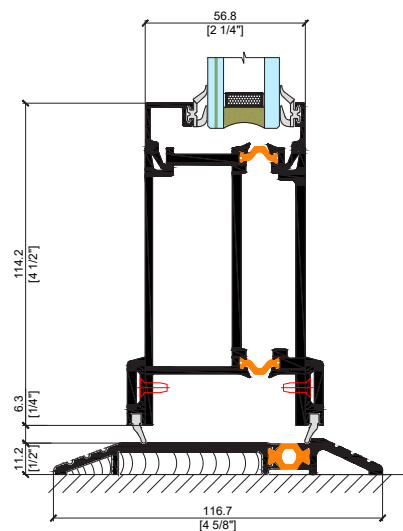
A2 DOOR JAMB



B1 TRANSOM BAR



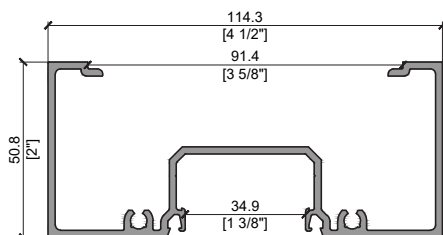
B2 BOTTOM RAIL





38 000 SERIES

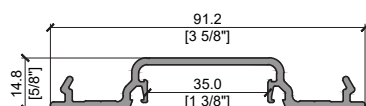
LIST OF SECTIONS



38101

kg/m 1.870

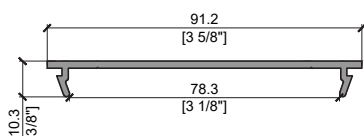
Jx 18.60 cm⁴
Wx 2.91 cm³
Jy 113.06 cm⁴
Wy 7.85 cm³



38102

kg/m 0.766

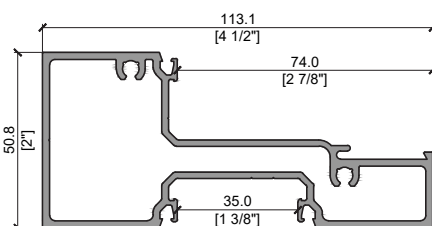
Jx 0.08 cm⁴
Wx 0.99 cm³
Jy 21.02 cm⁴
Wy 4.61 cm³



38111

kg/m 0.590

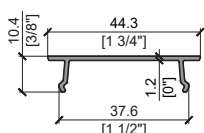
Jx 0.09 cm⁴
Wx 0.02 cm³
Jy 18.36 cm⁴
Wy 1.38 cm³



38301

kg/m 2.042

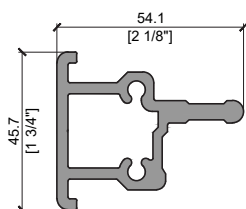
Jx 19.54 cm⁴
Wx 6.42 cm³
Jy 98.93 cm⁴
Wy 15.99 cm³



38112

kg/m 0.205

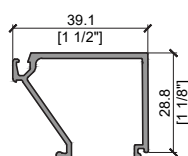
Jx 0.06 cm⁴
Wx 0.02 cm³
Jy 1.54 cm⁴
Wy 0.14 cm³



38741

kg/m 1.547

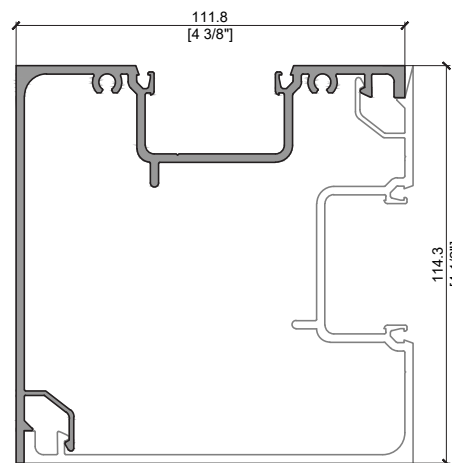
Jx 7.54 cm⁴
Wx 1.34 cm³
Jy 13.76 cm⁴
Wy 1.27 cm³



38701

kg/m 0.455

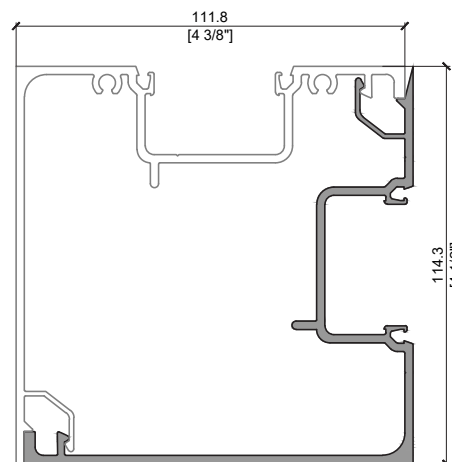
Jx 1.76 cm⁴
Wx 0.33 cm³
Jy 3.18 cm⁴
Wy 0.29 cm³



38601

kg/m 2.182

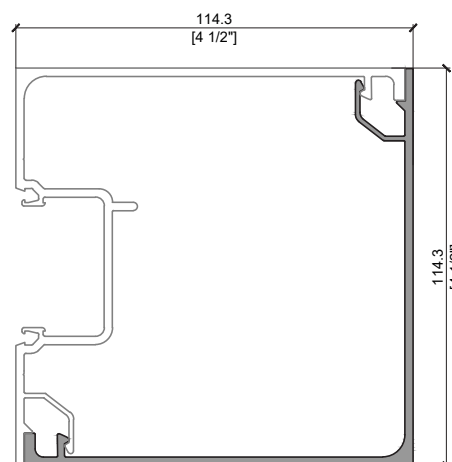
Jx 92.39 cm⁴
Wx 7.97 cm³
Jy 110.05 cm⁴
Wy 8.79 cm³



38602

kg/m 2.041

Jx 99.90 cm⁴
Wx 14.63 cm³
Jy 87.17 cm⁴
Wy 5.21 cm³

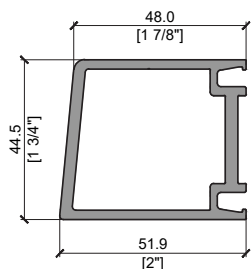


38603

kg/m 1.668

Jx 92.92 cm⁴
Wx 14.31 cm³
Jy 91.42 cm⁴
Wy 5.45 cm³

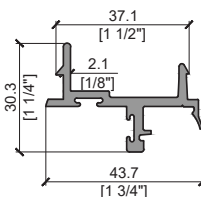
LIST OF SECTIONS



38201

kg/m 1.454

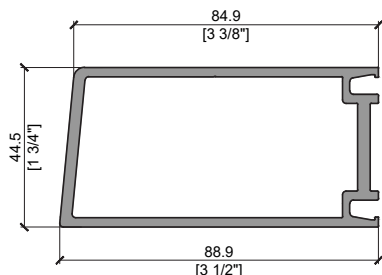
Jx 14.82 cm⁴
Wx 6.52 cm³
Jy 18.46 cm⁴
Wy 6.77 cm³



38211

kg/m 0.579

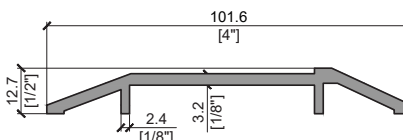
Jx 0.76 cm⁴
Wx 0.16 cm³
Jy 3.23 cm⁴
Wy 0.30 cm³



38202

kg/m 1.972

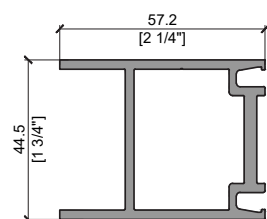
Jx 23.25 cm⁴
Wx 10.29 cm³
Jy 73.02 cm⁴
Wy 15.74 cm³



38621

kg/m 1.017

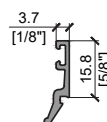
Jx 0.37 cm⁴
Wx 0.09 cm³
Jy 32.54 cm⁴
Wy 2.34 cm³



38311

kg/m 2.062

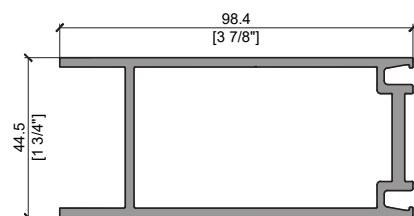
Jx 16.20 cm⁴
Wx 7.28 cm³
Jy 16.22 cm⁴
Wy 4.82 cm³



38721

kg/m 0.131

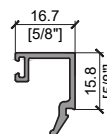
Jx 0.01 cm⁴
Wx 0.04 cm³
Jy 0.22 cm⁴
Wy 0.18 cm³



38312

kg/m 2.062

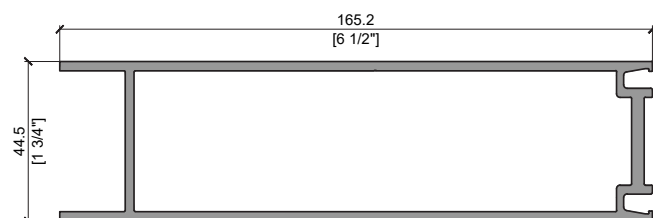
Jx 25.62 cm⁴
Wx 11.51 cm³
Jy 78.12 cm⁴
Wy 14.37 cm³



38722

kg/m 0.209

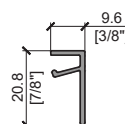
Jx 0.41 cm⁴
Wx 0.09 cm³
Jy 0.22 cm⁴
Wy 0.02 cm³



38313

kg/m 2.999

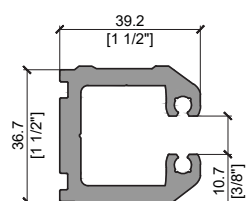
Jx 40.87 cm⁴
Wx 18.37 cm³
Jy 323.90 cm⁴
Wy 36.87 cm³



38212

kg/m 0.122

Jx 0.16 cm⁴
Wx 0.04 cm³
Jy 0.04 cm⁴
Wy 1.38 cm³

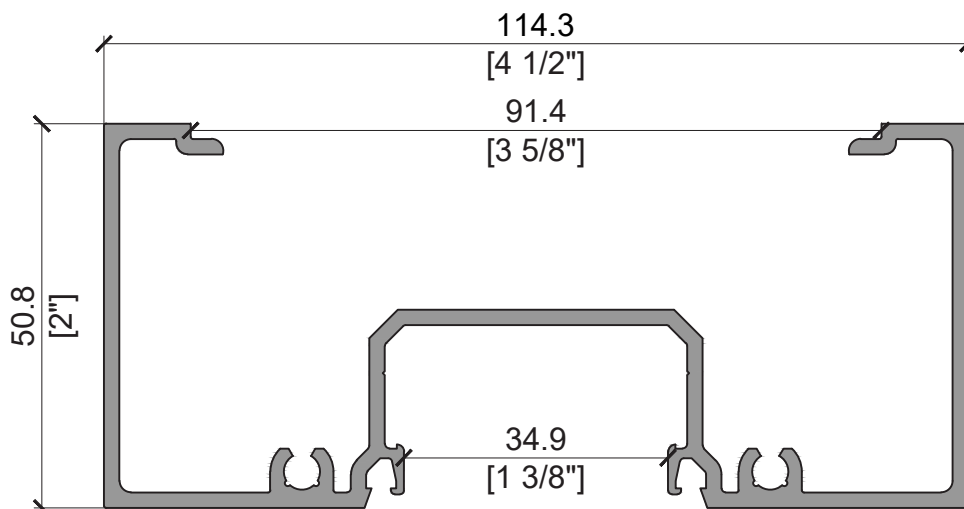


38742

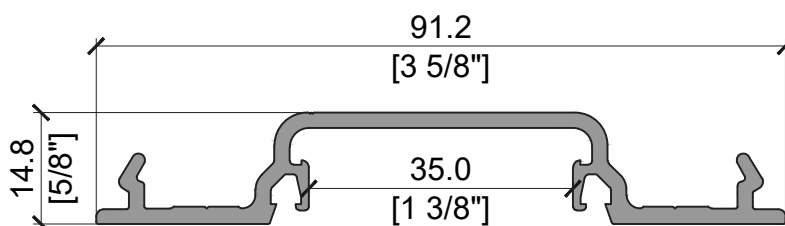
kg/m 1.613

Jx 11.03 cm⁴
Wx 5.70 cm³
Jy 9.78 cm⁴
Wy 4.46 cm³

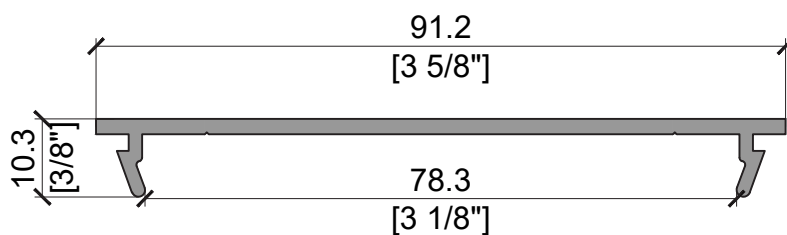
SECTIONS Scale 1:1



38101
kg/m 1.755

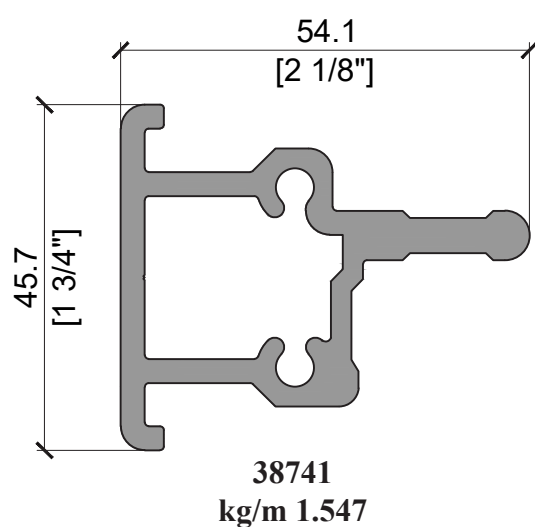
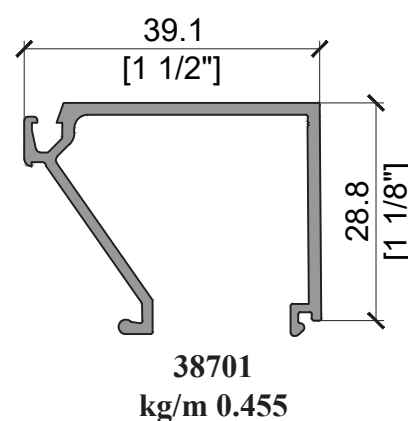
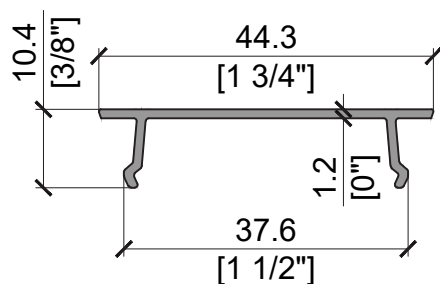
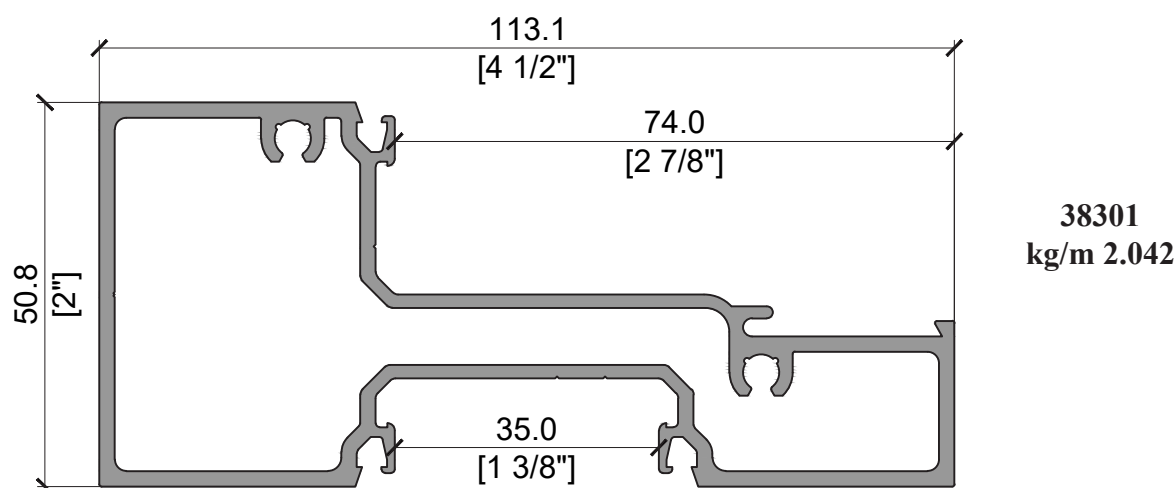


38102 kg/m
0.766

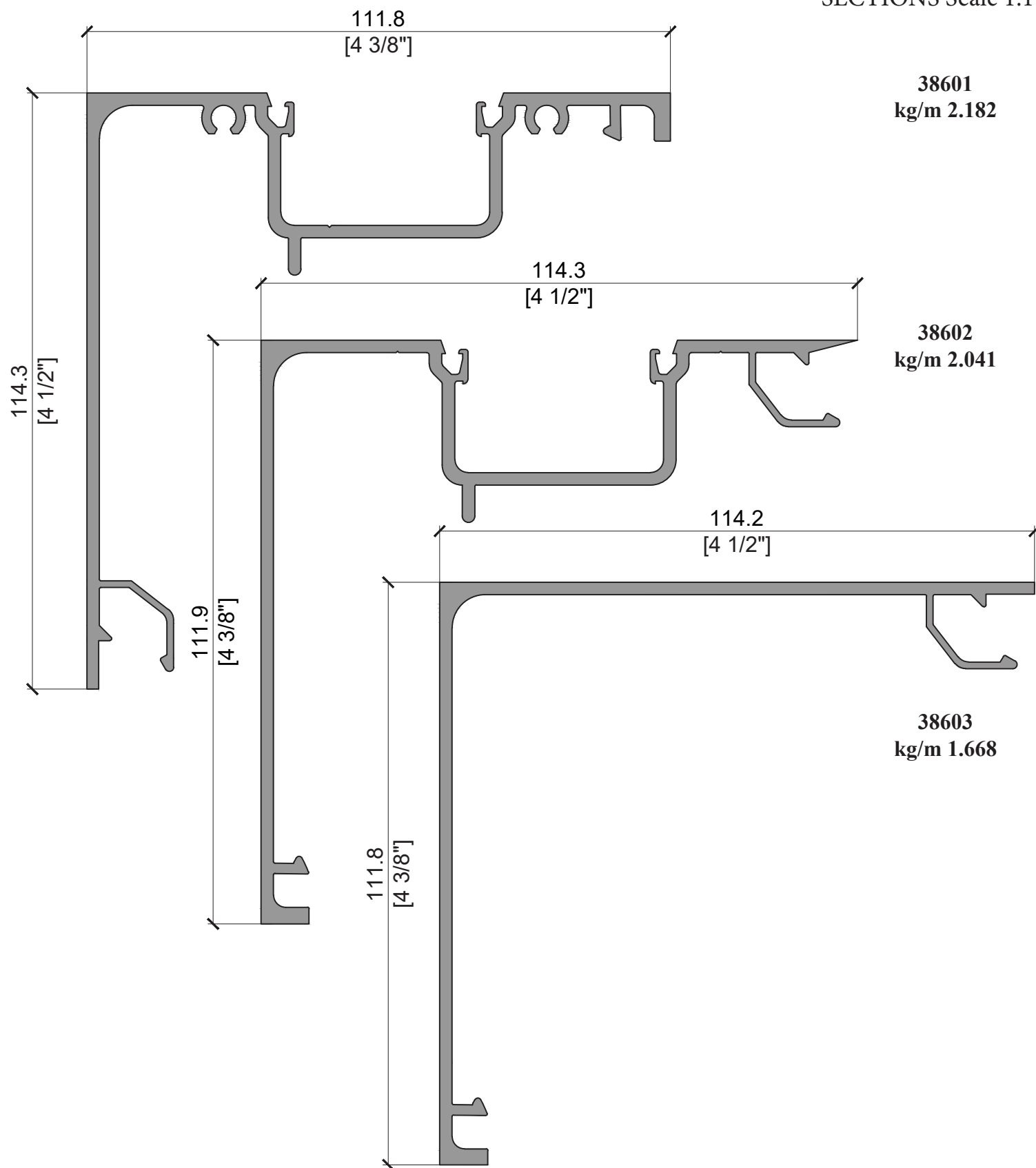


38---
kg/m 0.590

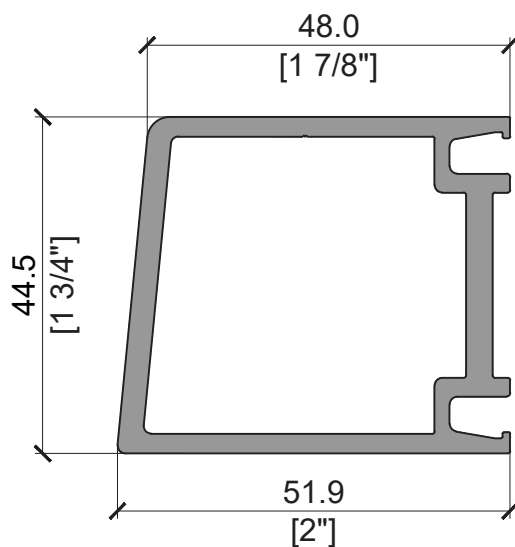
SECTIONS Scale 1:1



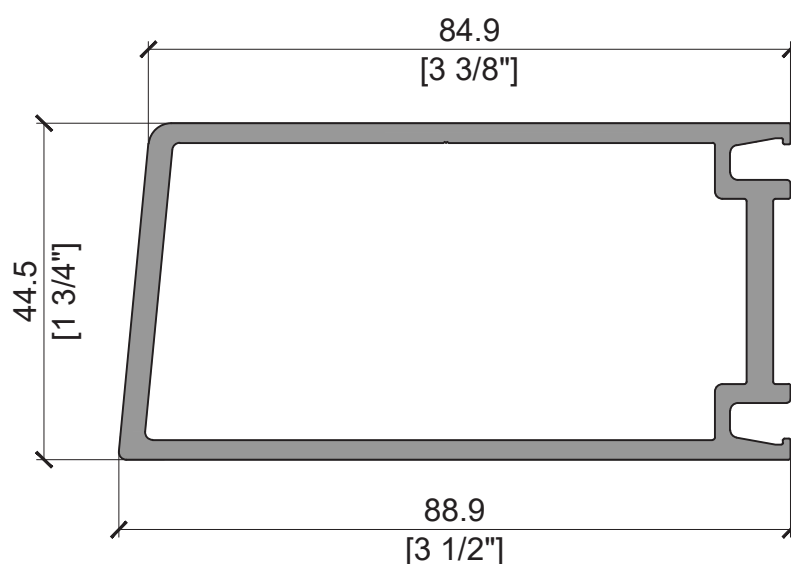
SECTIONS Scale 1:1



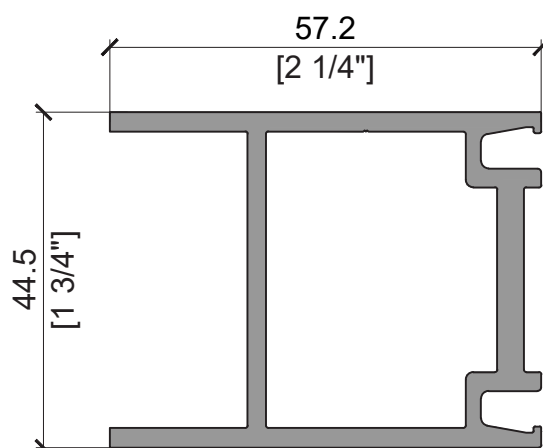
SECTIONS Scale 1:1



38201
kg/m 1.454

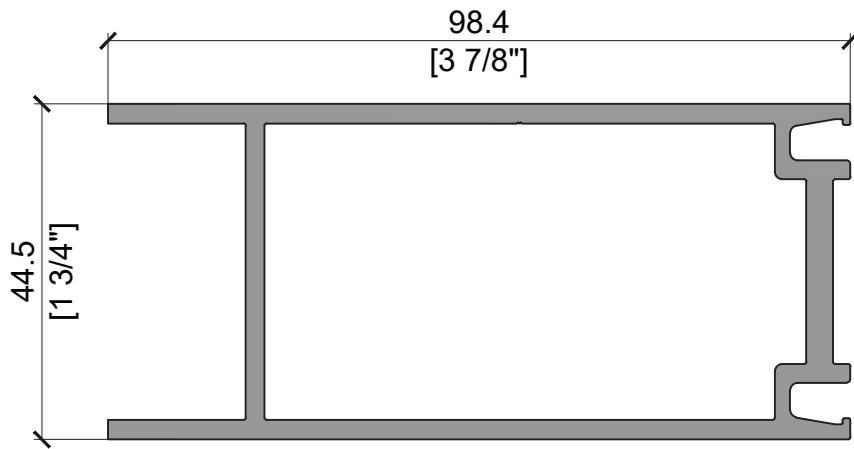


38202
kg/m 1.972

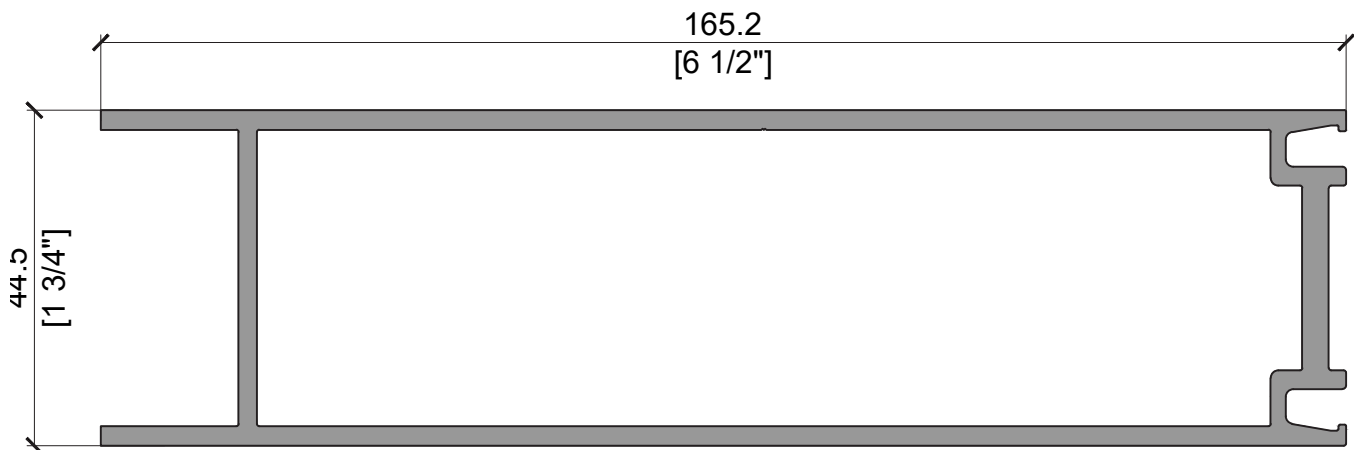


38311
kg/m 1.484

SECTIONS Scale 1:1

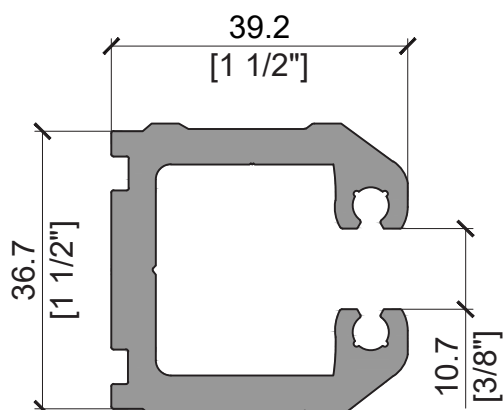


38312
kg/m 2.062

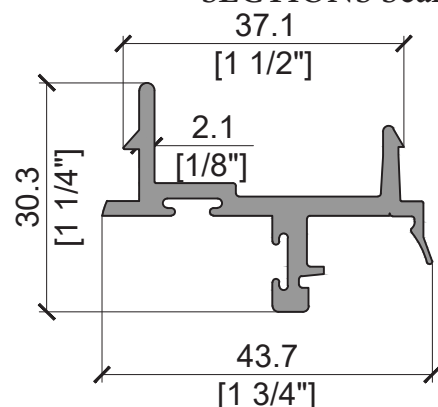


38313
kg/m 2.999

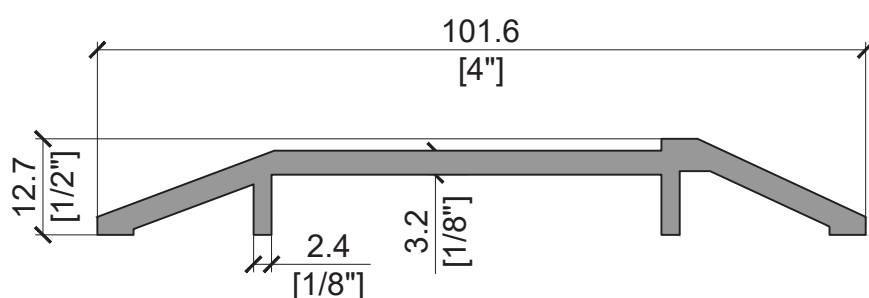
SECTIONS Scale 1:1



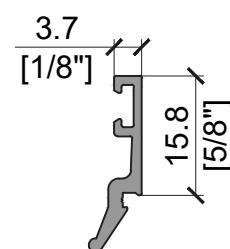
38742
kg/m 1.613



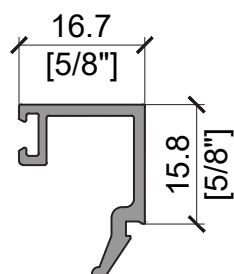
38211
kg/m 0.579



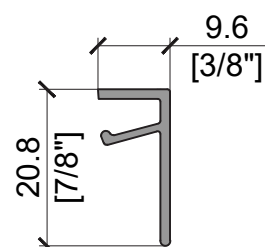
38621
kg/m 1.017



38721
kg/m 0.131

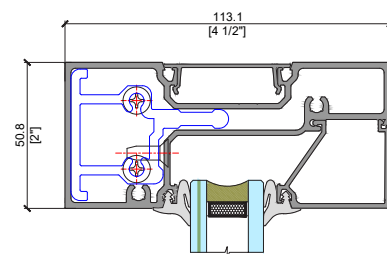
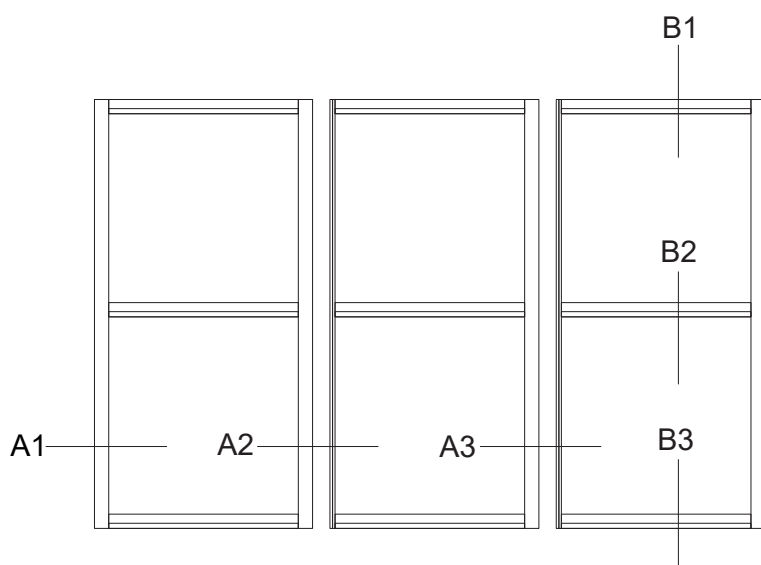


38722
kg/m 0.209

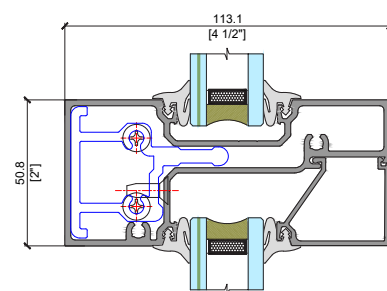


38212
kg/m 0.122

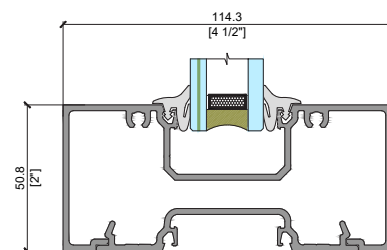
CROSS SECTION



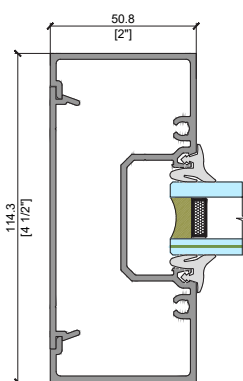
B1 HEAD



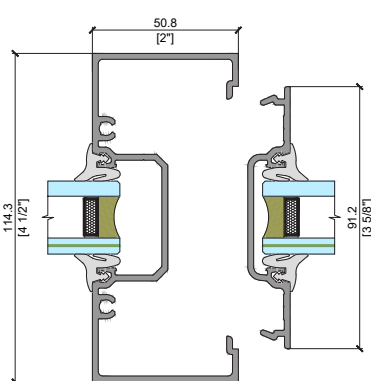
B2 HORIZONTAL



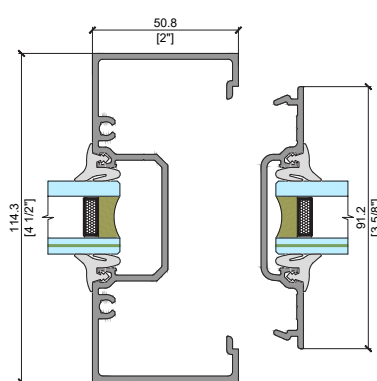
B3 SILL



A1 JAMB

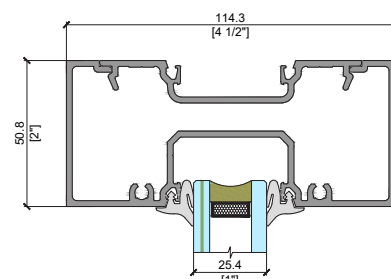
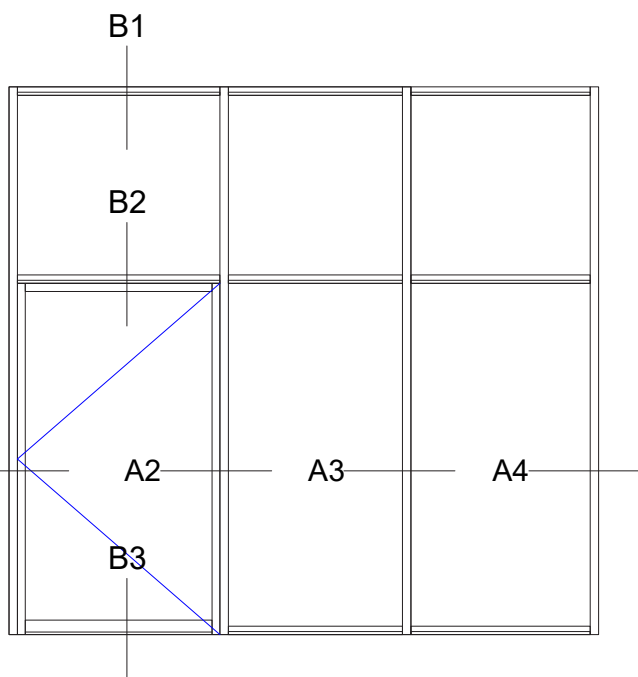


A2 JAMB

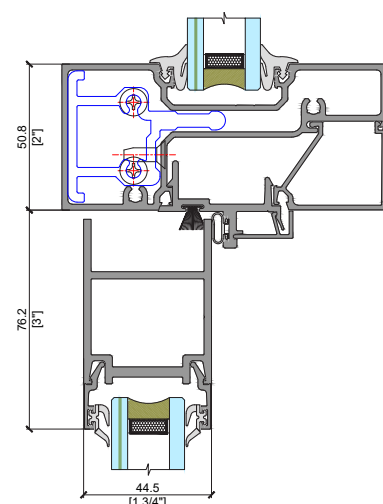


A3 VERTICAL

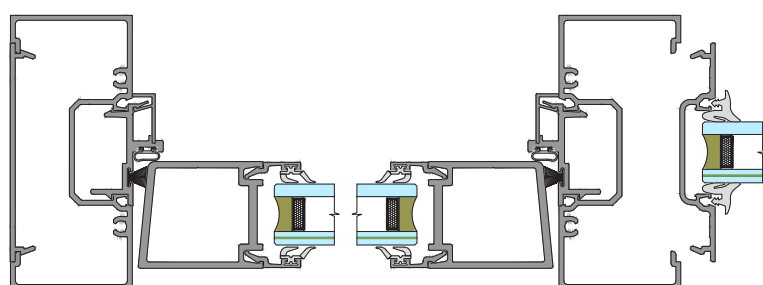
CROSS SECTION



B1 HEAD

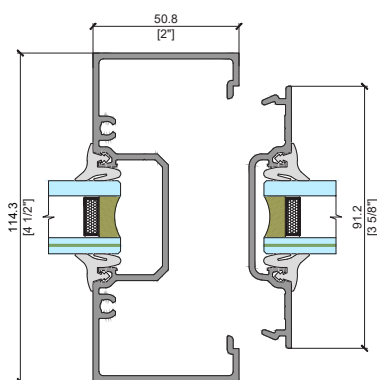


B2 HORIZONTAL

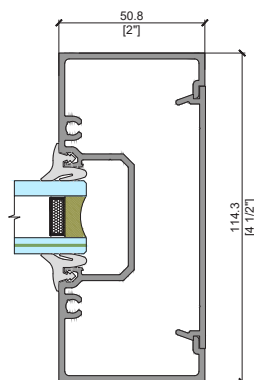


A1 JAMB

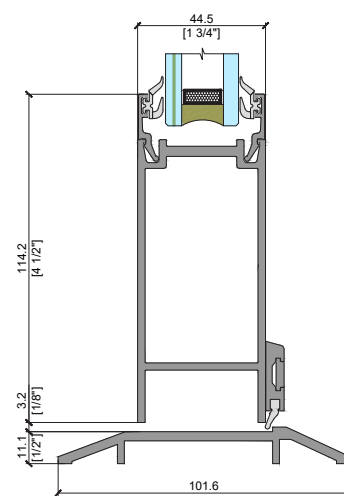
A2 VERTICAL



A3 VERTICAL

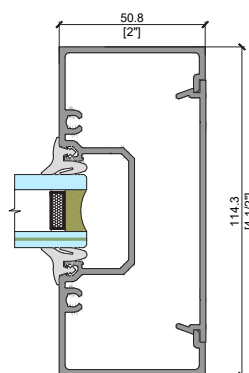
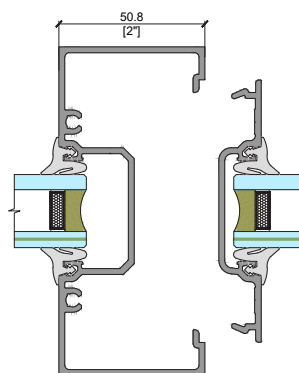
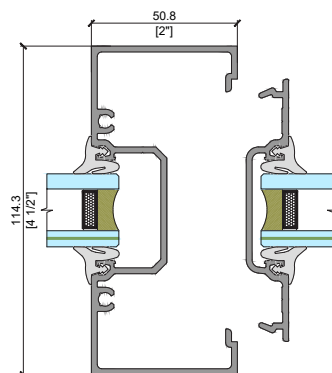
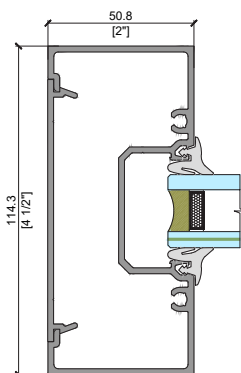
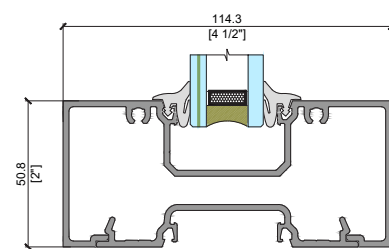
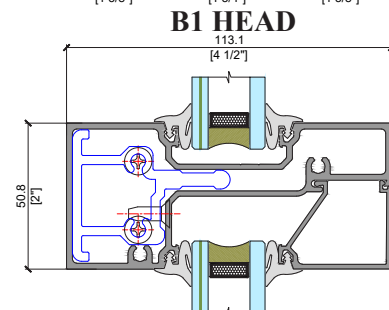
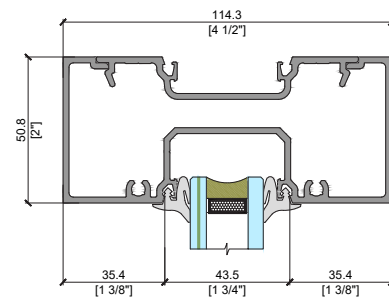
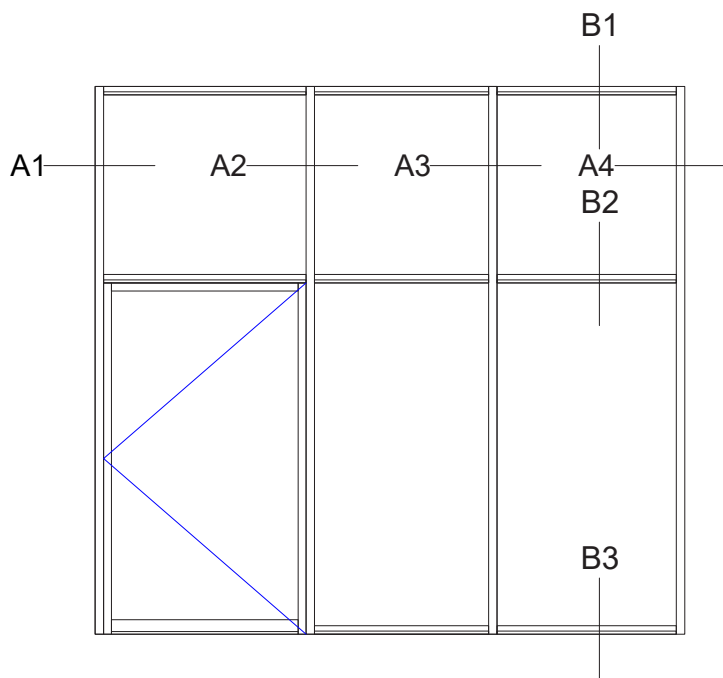


A4 JAMB



B3 SILL

CROSS SECTION



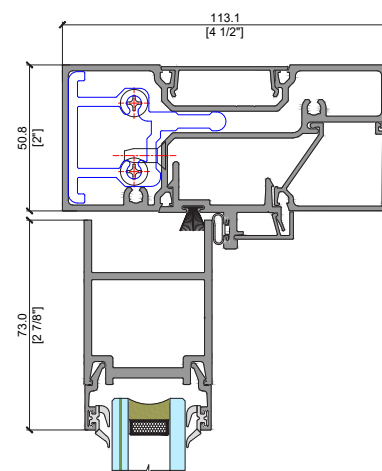
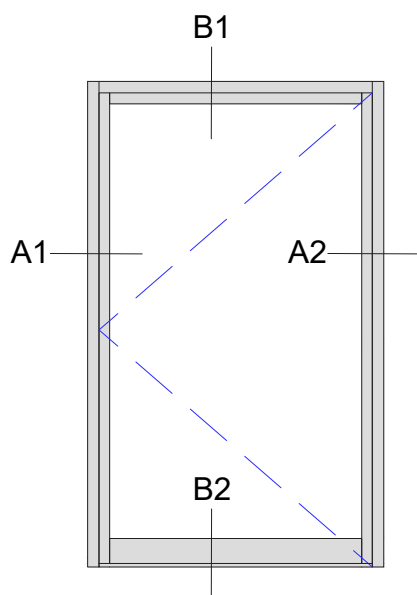
A1 JAMB

A2 VERTICAL

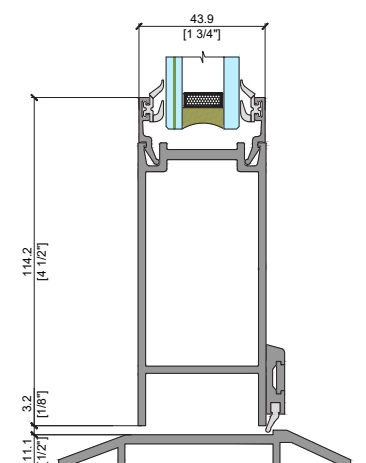
A3 VERTICAL

A4 JAMB

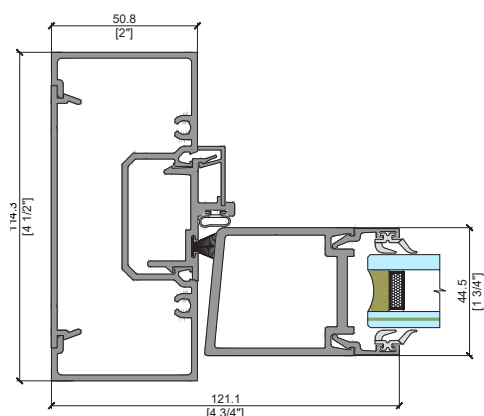
CROSS SECTION



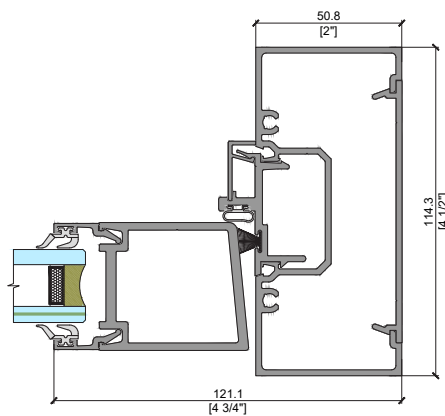
B1 TRANSOM BAR



B2 BOTTOM RAIL

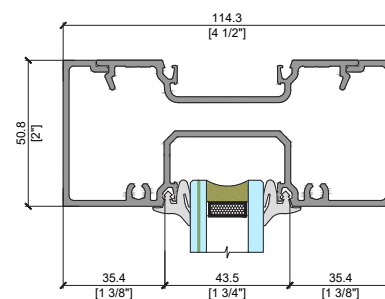
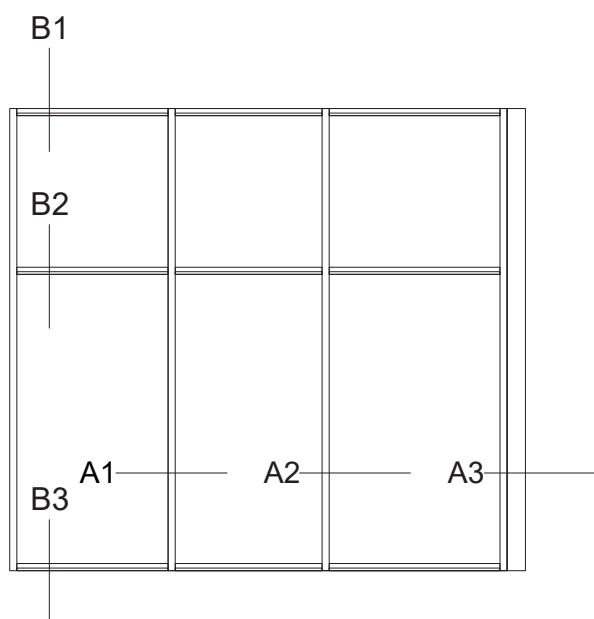


A1 DOOR JUMP

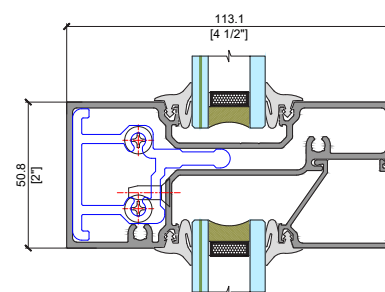


A2 DOOR JUMP

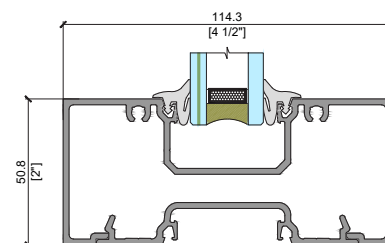
CROSS SECTION



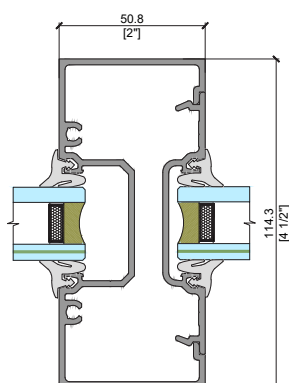
B1 HEAD



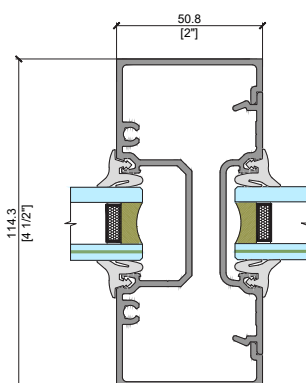
B2 HORIZONTAL



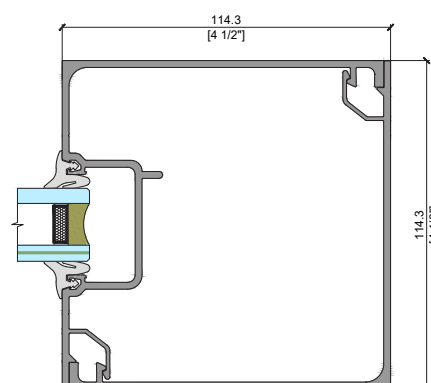
B3 SILL



A1 VERTICAL

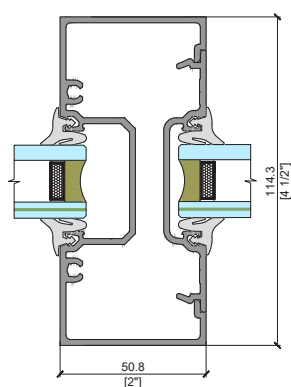
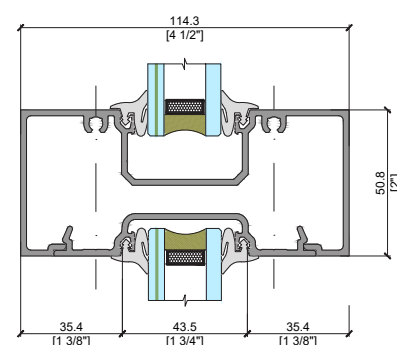
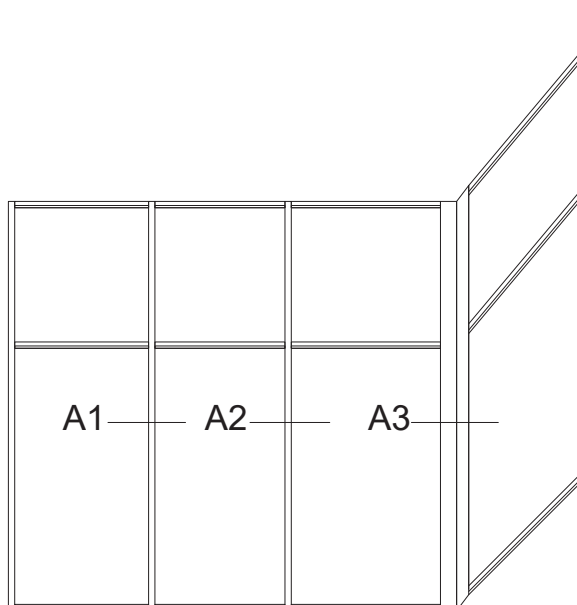


A2 VERTICAL

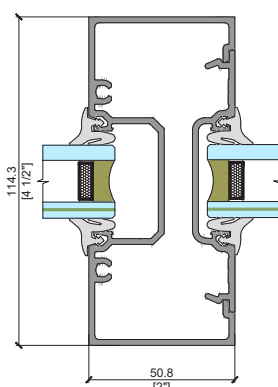


A3 CORNER

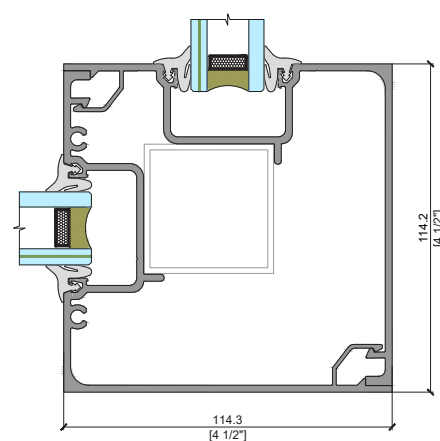
CROSS SECTION



A1 VERTICAL

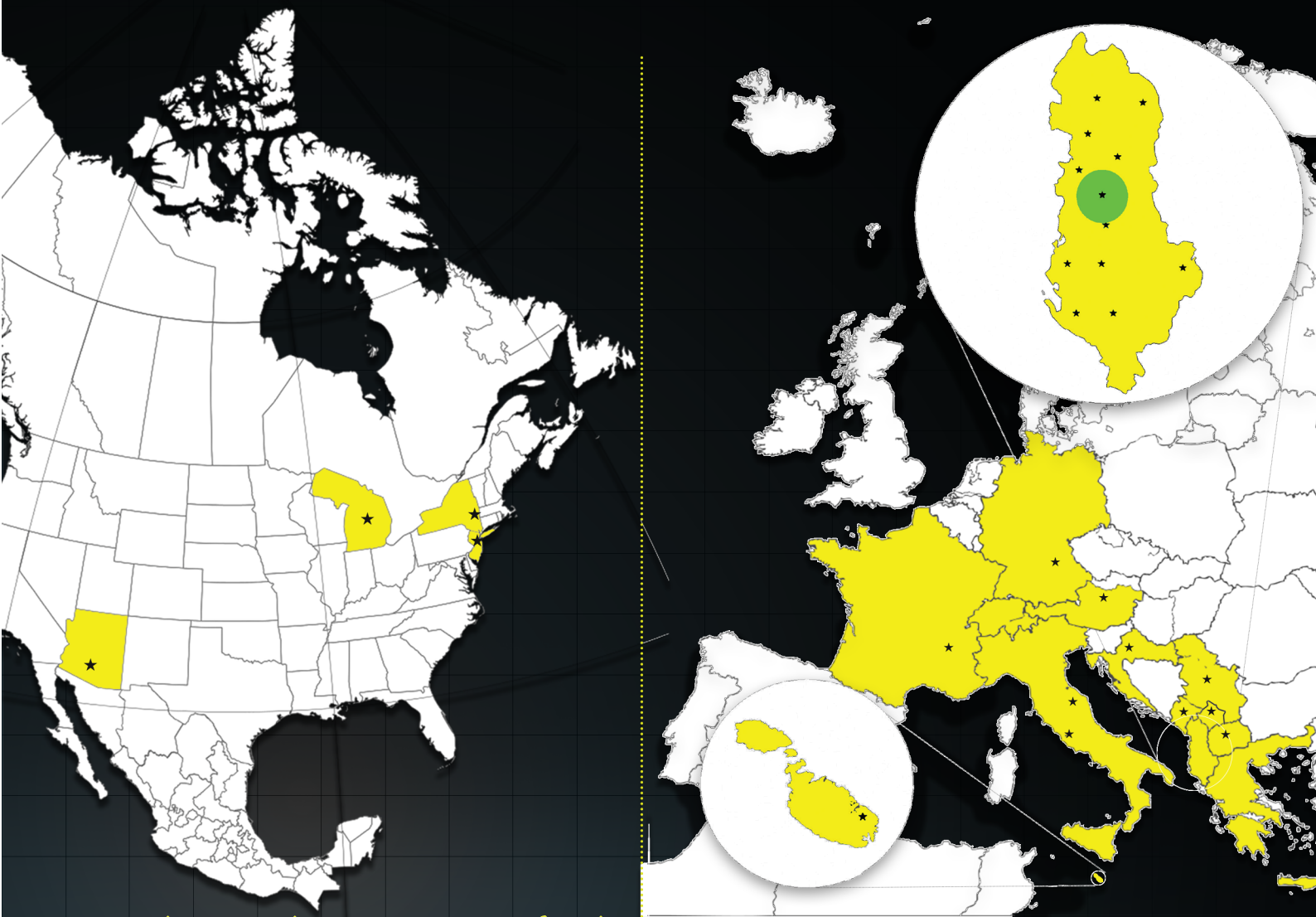


A2 VERTICAL



A3 CORNER

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