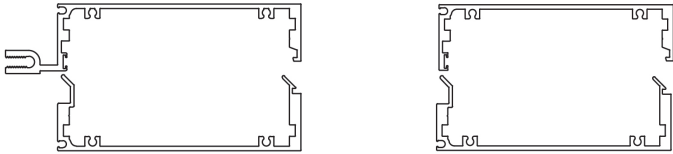


VersaWall SM 2500 Traditional Curtain Wall

Product Description

Traditional split mullion, pre-glazable curtain wall



Recommended use

Ideal for mid-sized projects with complex elevations or multiple changes of plane

Composition & Materials

- 6063 alloy, T6 or T5 temper aluminum extrusions
- PVC thermal separators
- Extruded EPDM or silicone air and weather seal gaskets
- Structural extruded silicone glazing spacer is compatible with structural silicone sealants
- When necessary, internal reinforcing members are galvanized steel to suit engineering requirements
- Anchor devices may be a combination of pre-manufactured, adjustable aluminum or steel components and project specific embedded steel elements

Finishes

Anodic coated finishes in Class I and Class II and architectural painted finishes are available. Also, two colour (exterior and interior) finishes are possible

Limitations

- Limited thermal performance (see ThermaWall products)
- Installation of curtain walls should be reviewed for structural and load requirements
- Curtain wall is intended to be installed perpendicular (90 Degrees) to the floor. Any attempts to change this should be presented to Alumicor prior to installation to ensure drainage paths will still work
- Contact Alumicor for technical support in this area

Technical Services

Contact any Alumicor regional office by visiting www.alumicor.com



Features & Benefits

- 2 ½" (63.5 mm) profile
- Mullion depth of 5 ¼" (133.5 mm)
- Structural Silicone Glazed (SSG) or conventional capped options available
- Four-sided SSG capability
- Snap fit split mullions
- Screw spline horizontals
- Wide variety of square, extended, round and shaped exterior caps available
- Split mullion and expansion/stack horizontal
- Pre-glazed capability affords shop fabricated quality control
- Anchor options from complex to simple will suit any project budget
- Alumicor's accompanying products such as operable windows, doors and pressure plate caps are easily incorporated

Warranty

Alumicor standard product warranty applies. Extended warranties may be available. Alumicor's product warranties can be reviewed at www.alumicor.com

Filing System

MasterFormat, UniFormat or OmniClass

Design Considerations

- Curtain wall designs are complex. It is important for designers and specifiers to ensure that competent manufacturer's representatives are involved in the early stages of the project.
- Some of the considerations that must be addressed at the early design stages are:
 - Design loads
 - Glazing infills (both vision, spandrel and operables)
 - Building construction components (and their effects upon the curtain wall)
 - Thermal performance requirements
 - Seismic requirements
 - Integration of the curtain wall into adjacent construction
 - Modules and spans

Maintenance

Cleaning should be undertaken as soon as possible after installation to remove construction and environmental dirt and impurities. Cleaning should begin at the top of the building and proceed downward in a continuous operation. Care should be taken to prevent the use of procedures and cleaning materials that could damage the finishes of the aluminum, glass, infill panels or adjacent building components. The curtain wall system should be cleaned annually using approved, non-abrasive cleaners and potable water. Cleaning of aluminum components should be performed in accordance with AAMA 609.1 and 610.2.

Installation

Alumicor recommends that installation be by authorized Alumicor dealers. Contact your Alumicor representative to confirm the trade contractor is authorized to install Alumicor products. Specifiers may wish to incorporate the requirement of a Product Confirmation as a Submittals requirement. Adhere to design, specifications, manufacturers published manuals and recommended industry practice.

Availability & Cost

Availability: VersaWall SM 2500 split mullion curtain wall is available through authorized Alumicor dealers that are competent in fabrication, assembly and/or installation of the system

Cost: The cost of VersaWall SM 2500 split mullion curtain wall is dependent upon design, extent of project, finishes, glazing infill's, custom requirements, and project location. Contact Alumicor regional offices for pricing and/or a list of authorized Alumicor dealers that are authorized in fabrication, assembly and/or installation of the system