

Architectural products

FREESTANDING ARCHITECTURAL SCREEN WALL



In many municipalities, regulations require that mechanical elements on the roofs of buildings be hidden with architectural screen walls that harmonize with the architecture of the building.

Screen walls can also be used to reduce noise emissions, in which case you should choose a Millenium acoustic screen wall.

FEATURES

- L-shaped screen walls
- U-shaped screen walls
- Complete screens around roof-mounted equipment
- Screen walls for terraces
- Durable and robust, requires no maintenance
- White, natural aluminum or painted according to our colour range

ADVANTAGES

- Completely modular system according to your needs
- Bases take up little room on the roof
- Possible installation in restricted areas
- Non-penetrating system, no intervention necessary to waterproof the roof
- Easy set up on all types of flat and low-sloped roofs

SYSTEM APPROVED BY AN ENGINEER

Our self-supporting screen wall system stands out for its great versatility. Custom set up is possible according to your needs. The installation can be approved by an engineer if necessary.

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MATERIALS

- Aluminium: accordance with ASTM B221-14.
- Fasteners: accordance with ASTM A307-84.
- Aluminium alloy 535 consisting of:

Physical Properties	Metric	English
Density	2.57 g/cc	0.0928 lb/in ³

Component Elements Properties	Metric	English
Aluminum, Al	91.4 - 93.3%	91.4 - 93.3%
Copper, Cu	<= 0.10%	<= 0.10%
Iron, Fe	<= 0.15%	<= 0.15%
Magnesium, Mg	6.6 - 7.5%	6.6 - 7.5%
Manganese, Mn	0.10 - 0.25%	0.10 - 0.25%
Other, each	<= 0.05%	<= 0.05%
Other, total	<= 0.15%	<= 0.15%
Silicon, Si	<= 0.20%	<= 0.20%
Titanium, Ti	<= 0.25%	<= 0.25%

ASSEMBLY COMPONENTS

- Posts and rails: 38mm diameter tube, Schedule 40. See plan for length and location of posts.
- Fittings: T-shapes, molded, aluminium.
- Sleeve: post sleeve with variable angle, molded, aluminum.
- External joints: linear, molded, aluminium.
- Plastic stopper: capping extremity of the tube
- Wall fixation: fixing washer receiving the tube, molded, aluminium
- Base: counterweight cast steel, 40 lbs each, dimensions 16" x 14".
- Cast aluminum units with threaded holes and tightening nut insertion.
- Stainless steel set screw.
- Protective mat, thickness 4.5 mm