



Flexibility for your Legacy

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AP-2125

Aluminum Wall Panels System

AP-2125 Aluminum Plate Panel System is designed to be free-floating through the use of stainless steel alignment pins and the panel attachment through the slotted side joint extended attachment leg. All panel corners are welded and ground smooth. Utilizing standard installation details the AP-2125 series panels are sequentially installed to the structure with mechanical fasteners. The aluminum panel joints are 1/2" minimum joint sealed with backer rod and sealant compatible to the panel finish to provide a weather tight system. Aluminum Wall Panels are reinforced with stiffeners as required by design loads to meet deflection criteria.

Materials - Face Materials AP- 1125 Panel Systems

- .125 Aluminum
- .090 Aluminum
(Anodized finishes can be limited in width due to availability of 5005 alloy)
- Others Optional available please call Protean

Coatings and Colors

- Kynar 500 finishes, as selected
Std (10) year warranty (20 year option available)
- Optional Spray finishes available please call Protean
- Anodized finishes Class I (Clear, Bronze, Black, Med Bronze & Champagne) Class II (Clear)
Batch Anodized Std 5 year finish warranty
- Other finishes are available please call Protean

Panels Design Configurations

- Square or Rectangular Flat Panels
- Geometric Shaped Panels
-Triangular or Trapezoids
- Bent Panels – Corner panels, Coping Panels
- Multiple Bend Fascia Panels
- Curved or Radius Panels

Joints

- Standard Vertical Joint 1/2" caulked
- Standard Horizontal Joint 1/2" caulked

Panel Weights (Approx.)

- .125 Alum Panels 1.875#/SF
- .090 Alum Panels 1.35#/SF
- 16 Ga. SS 2.653#/SF

Panels Size limitations

- Maximum panel lengths Approx. 15'-9" Standard panel thickness is 2"
(Minimum Panels System thickness 1 1/2")
- Maximum panel width Approx. 55 1/2" based on 1 1/2" panel thickness (varies with panel thickness)

Testing Information Available

Performance Testing Assembly

- A. Air Infiltration - ASTM E-283
- B. Structural - ASTM E-330
- C. Water Penetration - ASTM E-331