

Prōtean™

The Form of Architectural Vision

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AP-1125

Wet Joint Metal Plate Panels



The AP-1125 Series is formed plate **barrier system**, which provides a smooth joint with welded and ground corners. AP panel systems are best used in low rise applications that go down to grade, as accents with low volume custom colors. The AP-1125 system is the best fit for projects with multiple bends, shapes and conditions where long service life is desired.

Materials of Construction

0.125" Aluminum (3003 alloy)

Options:

0.080" Aluminum, 5005 alloy (for anodized)

Copper, 16 Ga Stainless Steel, Zinc

Coatings and Colors

Standard: Kynar 500 Finish (unlimited palette)

Options: Anodized, Brushed Stainless, Smooth

Panel Sizes

Maximum Panel Width: 54"

Optimal Widths: 18", 24", 42", 54" (for lowest cost)

Maximum Length: 16' (192")

Optimal Lengths: 48", 96", 144", 192"

System Depth: 1.5"

Markets

Civic Buildings, Educational Complexes,
Government Buildings

Warranty: 5 Year Workmanship and 20 year finish when AP-1125 Standard Construction is Basis of Design

Installation

Utilizing standard installation details, AP-1125 series panels are sequentially installed to the structure with mechanical fasteners and formed attachment legs. The minimum joint of ½" is sealed with backer rod and sealant compatible with the finish. We recommend use of hat girts and stainless steel fasteners with plastic washers; however, our panels can be fastened to flat strap furring or direct to 5/8" or heavier plywood.

Optional design with attachment clips allows non-sequential installation so panels can be installed or removed individually. Optional free-floating design for seismic consideration (AP-2125) is sequentially installed with stainless steel alignment pins through slotted side joint on an extended attachment leg.

Panels Design Configurations

Rectangular or Square Flat Panels

Geometrically Shaped Panels

Bent Panels – Corner Panels, Copings

Multiple Bends – Fascia Panels

Curved or Radius Panels **Available**

Joints

½" Caulked Joint, Vertical & Horizontal

Panel Weights (Approximate)

1.875 #/SF (0.125")

1.35 #/SF (0.080")

2.65 #/SF (16 Ga SS)

Testing Information Available

Air Infiltration: ASTM E-283

Structural: ASTM E -330

Water Penetration: ASTM E-331