

# Prōtean™

The Form of Architectural Vision

11901 Riverwood Drive  
Burnsville, MN 55343

952-895-4000  
www.protean.com

## 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 (3003/3105 alloy)  
Options: 0.080" & 0.090"  
5005 alloy (for anodized), 0.080" & 0.125"  
16 Ga Stainless Steel  
Perforated Metal

#### Coatings and Colors

Standard: Kynar 500 Finish (unlimited palette)  
Options: Anodized, 2B, #4 or #8 Stainless

#### Panel Sizes

Maximum Panel Width: 55"  
Optimal Widths: 18", 24", 42", 55" (for lowest cost)  
Maximum Length: 15',9" (1189")  
Optimal Lengths: 48", 96", 117", 141" & 189"  
**System Depth: 1.5"**

#### Markets

Civic Buildings, Educational Complexes,  
Government Buildings

**Warranty:** 1 Year Workmanship and 10 year Kynar finish, 5 year anodized finish

#### 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 self-tapping screws; 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