

Prōtean™

The Form of Architectural Vision

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AP-3000RS

Metal Plate Rainscreen Panels



The AP-3000RS Series is an extruded perimeter **spline joint, back-ventilated rainscreen** panel system, which provides a contemporary look with crisp, caulk free edges. AP panel systems are best used in low rise applications that go down to grade, as accents with low volume custom colors. The AP-3000RS is best when a crisp aesthetic and long, maintenance free service life are desired.

Materials of Construction

Standard: 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: Mica, Anodized, 2B, #4 or #8 Stainless

Panel Sizes

Maximum Panel Width: 58"
Optimal Widths: 22", 28", 46", 58" (for lowest cost)
Maximum Length: 15', 10" (190")
Optimal Lengths: 48", 96", 144", 190"
System Depth: 1.5"

Markets

Retail Buildings
Multi-Family Complexes
Mixed Use Buildings

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

Installation

Utilizing standard installation details, AP-3000RS series panels are sequentially installed to the structure with mechanical fasteners to attachment clips that engage with the extruded perimeter spline joint. 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. Panel system must be backed by and requires proper Air/Water barrier to be designed and installed as with any rainscreen panel system.

Panels Design Configurations

Rectangular or Square Flat Panels
Geometrically Shaped Panels
Bent Panels – Corner Panels, Copings
Multiple Bends – Fascia Panels
Multiple Systems Depths (Shadow)

Joints

9/16" Spline 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
Note: test data based upon ACM face material