Flexibility for your Legacy

# AP-3000RS

## Metal Plate Rainscreen Panels

The AP-3000RS Series is a **spline joint,** route and return system fabricated with perimeter extrusions for a **pressure equalized rainscreen** (PER), providing 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

### 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-Rainscreen Type Principal

½" Spline Joint, Vertical & Horizontal
Options: ¼", ¾", 1"

### 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
AAMA 508-07 (pressure equalized rainscreen)
NFPA-285 – exempt as 100% aluminum

**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.