

Prōtean™

The Form of Architectural Vision

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ACM-3000RS

ACM/MCM Rainscreen Panels



The ACM-3000RS Series is an extruded perimeter **spline joint, back-ventilated rainscreen** panel system, which provides a contemporary look with crisp, caulk free edges. ACM panel systems are best used in low rise applications above grade. The ACM-3000RS system is our lowest cost option for the service life of your project based upon low initial material cost and minimal service cost over the life of the product.

Materials of Construction

Face & Liner: 0.020" Aluminum (Coil Coated)
Core: Fire Rated -FR (Standard), Polyethylene – PE
Total Thickness: 4mm (Standard), 3mm & 6mm (Optional)
Options:
Copper, Stainless Steel, Zinc, & Other Natural Metal Face

Coatings and Colors

Standard: 2-coat Kynar 500 Finish
Options: Manufacture's Standard and Custom Offerings

Panel Sizes

Maximum Panel Width: 60"
Optimal Panel Sizes: (for lowest cost)
30"x63", 30"x96", 30"x194", 60"x63", 60"x96", 60"x194"
37"x60" and 47"x60"

System Depth: 1.5"

Markets

Retail Buildings
Multi-Family Complexes
Mixed Use Buildings

Warranty: 1 Year Workmanship and 20 year finish

Installation

Utilizing standard installation details, ACM-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
Curved or Radius Panels **Not Available**

Joints

½" Spline Joint, Vertical & Horizontal

Panel Weights (Approximate)

1.65 #/SF (4mm FR)
1.19 #/SF (4mm PE)
0.975 #/SF (3 mm PE)
1.58 #/SF (6 mm PE)

Testing Information Available

Air Infiltration: ASTM E-283
Structural: ASTM E -330
Water Penetration: ASTM E-331
NFPA-285 (by material manufacturer)