

# Prōtean™

*The Form of Architectural Vision*

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## ACM-100

### ACM/MCM Wet Sealed Panels



The ACM-100 Series is a **barrier system** best used when a contemporary look is desired and a shorter service life is anticipated. ACM panel systems are best used in low rise applications above grade. The ACM-100 system is our lowest cost product option for new construction.

#### 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: 1.0"**

#### Markets

Retail Buildings  
Multi-Family Complexes  
Mixed Use Buildings

**Warranty:** 1 Year Workmanship and 20-year finish

#### Installation

Utilizing standard installation details, ACM-100 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.

#### Panels Design Configurations

Rectangular or Square Flat Panels  
Geometrically Shaped Panels  
Bent Panels – Corner Panels, Copings  
Multiple Bends – Fascia Panels  
Curved or Radius Panels

#### Joints

½" Caulk 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

Weathering: ASTM D-2447  
Air Infiltration: ASTM E-283  
Structural: ASTM E -330  
Water Penetration: ASTM E-331  
NFPA-285 (by material manufacturer)