

Protean

Construction Products, Inc.

11901 Riverwood Drive
Burnsville, MN 55337
Website www.Protean.com

Phone (952)895-4000
Fax (952)895-1659

ACM-200RS ACM/MCM Wall Panels Rainscreen

Our ACM-200RS Rain-screen Aluminum Composite Wall Panel system is our most economical rainscreen panel systems. ACM-200RS Panel system can be installed as a drained/back-ventilated system or can be modified to install as a pressure equalized rainscreen system. The standard panel joints are 5/8" typical but system can accommodate smaller 1/2" joints. Our Panel System is reinforced with stiffeners as required by design loads to meet deflection criteria.

Utilizing Protean's standard installation details the ACM-200RS series panels are sequentially installed to the structure with mechanical fasteners, clips and an attachment structure to create a ventilated space. Panel System is to be backed by and requires a proper Air/Water barrier to be designed and installed as with any rainscreen panel system.

Face Materials ACM-200RS Panel Systems

- 4mm Standard
- 3mm & 6mm Material thicknesses are available

Cores

- Polyethylene (PE) Standard Core material
- Fire-Rated (FR) (4mm only)

Coatings and Colors

- Kynar 500 finishes, as selected
- Anodized finishes as selected
- MCM materials available Stainless Steel, Zinc, Titanium, Copper Please call Protean

Panels Size limitations

- Maximum panel lengths Approx. 15'-9"
- Maximum panel width 52" based on 1 1/4" minimum panel thickness with formed attachments (varies with panel thickness) standard panels thickness is 2"

Testing Information Available

Performance Testing - Panel Assembly

- A. Air Infiltration - ASTM E-283-04
- B. Structural - ASTM specification E-330 -02
- C. Water Penetration - ASTM E-331-00

Panels Design Configurations

- Square or Rectangular Flat Panels
- Geometric Shaped Panels
- Bent Panels - Corner panels, Coping Panels
- Multiple Bend - Fascia Panels
- Curved or Radius Panels

Joints

- Standard Vertical Joint 5/8" dry joint
- Standard Horizontal Joint 5/8 dry Joints

Panel Weights (Approx.)

- 4mm Panels 1.875#/SF (varies with material)
- 6mm Panels 1.35#/SF (varies with material)