

Protean

Construction Products, Inc.

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FM210 Series Insulated Foam Core Gasket Wall Panels

Protean's FM-220 Series Insulated Core Metal Wall Panel System with extruded perimeter frame and 5/8" extruded silicone gasket joints are laminated in our unique dead flat platen laminating process. This process creates the superior flatness of the laminated insulated foam panels and allows for smooth non-textured panel surfaces or embossed surfaces.

Standard panel thickness of 2", wall panels are also available up to a thickness of 6" the gasket becomes recessed with larger panel thickness.

Panel System with gasket at the vertical and horizontal joints of the panel, with variable panel widths are available up to 58 5/8" available in as many different sizes as the project requires.

Face and Liner FM-210 Panels Systems

- Aluminum .040 thick - Options, please contact PCP
- Stainless Steel 20 Ga. - Options, please contact PCP

Coatings and Colors

- Kynar 500 finishes, as selected
- Anodized finishes as selected
- Stainless Steel as selected
- Smooth
- Non-Directional Embossed

Cores

- Polyisocyanurate core
(2" Panel Tested Per ASTM C1363 R-14)
- EPS Expanded Polystyrene core (per inch R-4)

Panels Size limitations

- Max. panel lengths 24'-0"
- Max. panel width 58 5/8" based on 2" panel (varies with panel thickness) Sequential

Testing Information Available

Performance Testing - Panel Assembly

- A. Structural - ASTM E 330-90
- B. Water Penetration - ASTM E 331-86
- C. Air Infiltration - ASTM E 283-91
- D. Weathering - ASTM D-2247
- E. Thermal - ASTM C 1363-2011
- F. Surface Burning Characteristics - ASTM E 84-06

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" Gasket Joints
- Standard Horizontal Joint 5/8" Gasket Joints

Panel Weights (Approx.)

- .040 Alum/Polyiso/.040. 2" Panel 1.916#/SF
- .040 Alum/EPS/.040 2" Panel 1.841#/SF