

# *Protean*

**Construction Products, Inc.**

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## **HC-210 Series Honeycomb Core Gasket Wall Panel**

Protean's HC-210 Series Honeycomb 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 honeycomb 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 HC-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**

- Aluminum Honeycomb Core
- Kraftpaper Honeycomb Core

### **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. Surface Burning Characteristics** - ASTM E 84-05

### **Panels Design Configurations**

- Square or Rectangular Flat Panels
- Geometric Shaped Panels
- Bent Panels - Corner panels
- Multiple Bend - Fascia Panels

### **Joints**

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

### **Panel Weights (Approx.)**

- .040/Kraft Paper HC/.040 2" Panel 2.122#/SF
- .040 Alum HC/.040" Panel 1.797#/SF
- 20 ga./KP HC/22 ga. SS 2" Panel 3.727#/SF