



Flexibility for your Legacy

11901 Riverwood Drive
Burnsville, MN 55337

952-895-4000
www.protean.com

HC-2000RS

Pressure Equalized Honeycomb Metal Panels

The HC-2000RS are **AAMA 508 Certified** pressure equalized rainscreens best used when dead flat surfaces are desired. Honeycomb core panels are well suited for projects needing large panels with long, smooth expanses. Provides crisp edges with sharp reveals in the same color as the panel face, without sacrificing flatness, panel edge strength or water intrusion. Constructed with non-combustible materials for NFPA-285. Materials of construction are infinitely recyclable.

Materials of Construction

- Face: 0.040" Aluminum (Coil Coated)
- Liner: 0.040" Aluminum (Primer Coat)
- Core: 1.00" AL Honeycomb
- Options:
- 20 Ga Stainless Steel
- Face/liner thicknesses to 0.040"-0.090"
- Core thickness 1" to 6"

Coatings and Colors

- Standard: 2-coat Kynar 500 Finish
- Options: Anodized, Brushed Stainless, Mica, metallic, 3-coat, non-directional embossed, exotic colors.

Panel Sizes

- Maximum Panel Width: 55" (based upon 1" core)
- Optimal Widths: 19", 225", 43" and 55" (for lowest cost)
- Maximum Length: 16'
- Optimal Length: <16'

System Depth: 1.0" (Standard)

Markets

Civic Buildings, Educational Buildings, Government Buildings

Warranty: 1 Year Workmanship and 10 year finish

Installation

Utilizing standard installation details, HC-2000RS series panels are sequentially installed to the structure with mechanical fasteners with an easy tongue and groove alignment. We recommend use of clip and rail carrier systems and self-tapping screws, as required to maintain AAMA 508 Certification.



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-Rainscreen Type Principal

½" Dry Joint, Vertical & Horizontal

Panel Weights (Approximate)

- 1.264 #/SF (Standard 0.040 Aluminum)
- 3.17 #/SF (20 Ga Stainless Steel)

Testing Information Available

- Air Infiltration*: ASTM E-283-91 (99)
- Structural*: ASTM E-330-97 el (as HC-200)
- Water Penetration*: ASTM E-331-00
- Pressure equalized rainscreen: AAMA 508
- Surface Burning Characteristics: ASTM E-84-05
- Missile Impact: E1886
- Hurricane Debris: E1996