



UNA-CLAD™ SERIES 10 Honeycomb Wall Panel System

DESCRIPTION:

The UNA-CLAD Series 10 panel system is designed to utilize an aluminum exterior sheet laminated to either aluminum or kraft honeycomb core. A variety of material and finish options are available. The Series 10 panels are fabricated using conventional press brake methods and laminated on vacuum press. The panels are mounted to the wall through a continuous flange, typically located on the two longest opposing sides of a panel. The Series 10 panel system is designed as a caulked barrier wall panel system. Honeycomb wall panels have superior flatness and span capabilities.

METHOD OF APPLICATION:

1. Attachment of panels to a system of subgirts or direct attachment to a smooth, solid substrate of plywood is recommended for the Series 10 panel
2. Application of a Firestone approved weather resistant barrier prior to panel installation is recommended.
3. Installation through continuous panel flanges allows for simple non-sequential panel installation and removal.
4. Panels are to be installed as needed; non-sequential installation of system.

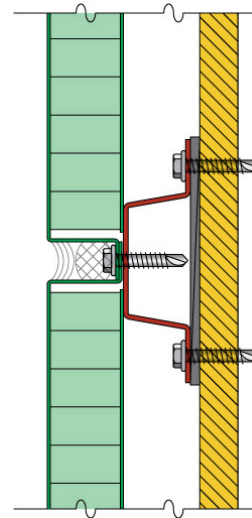
Note: Follow approved shop drawing installation details.

STORAGE:

1. Stored in a well ventilated, dry place where no moisture can contact the panels. Moisture (from rain, snow, condensation, etc.) trapped between layers of material may cause water stains or white rust, which can affect the service life of the material and will detract from its appearance.
2. If outdoor storage cannot be avoided, protect the panels with a ventilated canvas or waterproof paper cover. Do not use plastic, which can cause condensation. Keep the material off the ground in an inclined position with an insulator such as wood, or keep panels crated. Protective film may degrade or become brittle with exposure to direct sunlight.

PRECAUTIONS:

1. Oil canning is not a cause for rejection.
2. Exercise caution when lifting, moving, transporting, storing or handling Firestone metal to avoid possible physical damage.
3. Immediately remove protective film after installation.



PRODUCT DATA

Panel Type:	Honeycomb Wall Panel
Material Options:	1" panel is standard material thickness with options available from 1/2" to 2"
Color:	Thirty-one (31) standard UNA-CLAD colors available (Ask for Color Chart or actual metal samples)
Finish:	Kynar 500®/Hylar 5000™ high performance fluorocarbon resinous coatings
Optional Finish:	Anodized & Natural Metals
Sealant:	Perimeter Sealant Dow 756 with primer or Momentive SCS2000 with primer
Clip:	n/a (integral mounting flange)
Substrate:	Subgirt System or Plywood
Standard Panel Surface:	Smooth
Optional Panel Surface:	Embossed

PANEL SIZE

Max Panel Width:	45" (1,143 mm)*
Min. Panel Width:	4" (101.6 mm)
Max Panel Length:	192" (4,876.8 mm)
Min. Panel Length:	4" (101.6 mm)

*Max panel width of 57" available on larger runs of custom colors and select FSMP standard colors.

TECHNICAL INFORMATION SHEET

2009
01/08/09



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TECHNICAL INFORMATION

Air Infiltration:	ASTM E283
Structural Performance:	ASTM E330-90*
Water Penetration:	ASTM E331
Surface Burning Characteristics of Building Materials:	ASTM E84-87

Finish Testing Available:
Contact FSMP for Technical Information Sheets on Finishes

*Testing not applicable for all substrates, materials, and dimensions. All systems with test listings must be installed in accordance with assembly tested.

Manufacturing Facilities: Anoka, MN

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Firestone Metal Products Company, LLC
1001 Lund Blvd. Anoka, MN 55303
Phone: 763-576-9595 • Fax: 763-576-9596
Toll Free: 800-426-7737
<http://www.unaclad.com>