



UNA-CLAD™ SERIES 45 Honeycomb Wall Panel System

DESCRIPTION:

The UNA-CLAD Series 45 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 45 panel system is a glazed in panel. The glazed panel can be designed to accommodate .25" through 1" glazing pockets and can be finished on both sides. Honeycomb wall panels have superior flatness and span capabilities.

METHOD OF APPLICATION:

1. Panels glaze into curtain wall or storefront system. Minimum of 5/8" panel bite required. Consult curtain wall or storefront system supplier for minimum glass/panel bite dimension.
2. Installation through continuous panel flanges allows for simple non-sequential panel installation and removal.
3. Panels are to be installed as needed; non-sequential installation of system.

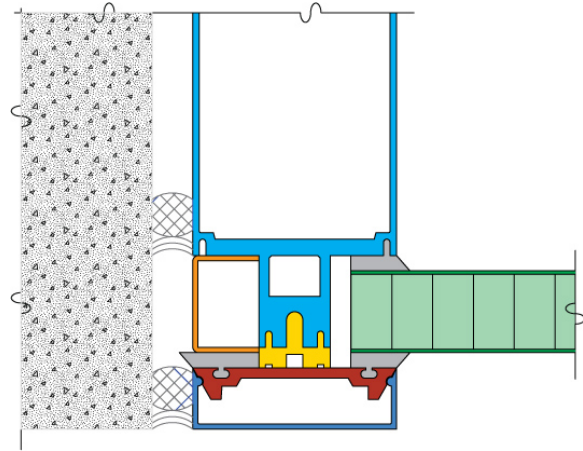
Note: Follow approved shop drawing installation details.

STORAGE:

1. Store 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 down to 1/4".
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:	Gasket—Supplied by curtain wall or storefront supplier.
Clip:	n/a
Substrate:	n/a
Standard Panel Surface:	Smooth
Optional Panel Surface:	Embossed

PANEL SIZE

Maximum Panel Width:	48" (1,219.2 mm)*
Minimum Panel Width:	4" (101.6 mm)
Maximum Panel Length:	192" (4,876.8 mm)
Minimum Panel Length:	4" (101.6 mm)

*Max panel width of 60" available on larger runs of custom colors and select FSMP standard colors.



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TECHNICAL INFORMATION

**Surface Burning
Characteristics of
Building Materials:**

ASTM E84-87

**Large Missile Impact
Resistance:**

SSTD 12-97

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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