



UNA-CLAD™ SERIES 3000 Aluminum Plate Wall Panel System

DESCRIPTION:

The UNA-CLAD™ Series 3000 panel system is designed to utilize a .125" solid aluminum skin. A variety of material and finish options are available. The Series 3000 panel system utilizes break form fabrication, however this system is easily the most versatile product offered by Firestone Metal Products and includes many fabrication options (i.e. incorporate route-and-return fabrication methods, UNA-CLIP installation method). Panel clips are mechanically fastened from the panel to the wall sub-straight. The Series 3000 panel system is designed as a caulked barrier wall panel system.

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 Firestone Series 3000 panel.
2. Firestone Series 3000 panels are to be installed in as needed; non-sequential installation of system.
3. Application of a Firestone approved underlayment prior to panel installation is recommended.
4. Panel installation occurs via the field installation of the Firestone wall panel clip. Basic installation is two fasteners from the clip into the wall panel and one fastener from the clip (through the slotted hole) into the substraight. (Consult separate TIS for UNA-clip installation method).

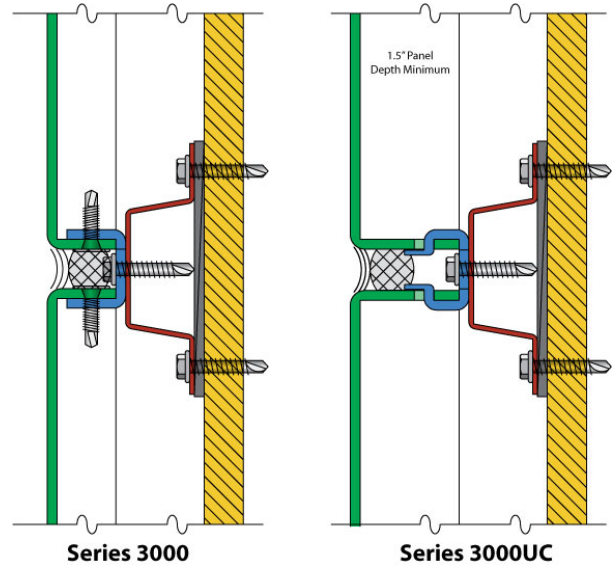
Note: Follow approved shop drawing installation details.

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:	Aluminum Plate
Material Options:	.090", .125", .190" and .25" material thickness
Color:	Materials are finished after fabrication. Choose from FSMP standard colors or have unit custom painted
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:	Field Attached
Substrate:	Subgirt System or Plywood
Standard Panel Surface:	Smooth

PANEL SIZE

Max Panel Width:	58" (1,524 mm)
Min. Panel Width:	4" (101.60 mm)
Max Panel Length:	192" (4,927.6mm)
Min. Panel Length:	4" (101.60 mm)

TECHNICAL INFORMATION SHEET

2009
12/16/09



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TECHNICAL INFORMATION

Air Infiltration:	ASTM E283-91
Water Penetration:	ASTM E331-93
Structural Performance:	ASTM E330-93
Dynamic Water Penetration:	AAMA 501.1-83
Miami Dade:	NOA #09-0127.03
Florida Building Code Approved:	#FL12094-R1

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

Enhanced Option for Series 3000

UNA-CLIP™

DESCRIPTION:

The UNA-CLIP is designed to be used in conjunction with the Series 3000 aluminum wall panel system, eliminating 90% of the time required to mechanically field attach clips to panels. The UNA-CLIP is attached to the return flange of the aluminum wall panel via a pre-punched, pre-engineered slot. It snaps into the panel flange in seconds. When used with our Series 3000 aluminum plate panel system; the depth of the aluminum panel is a minimum of 1" deep, when installed on a 4" sub-girt the total system minimum depth is 2".



Manufacturing Facilities: Anoka, MN
Reno, NV

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