MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Firestone Metal Products, LLC.
250 W 96th Street
Indianapolis, IN. 46260

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The BCCO (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BCCO reserves the right to revoke this acceptance, if it is determined by BCCO that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: UC4 Snap Lock Aluminum Panel

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 5.
The submitted documentation was reviewed by Alex Tigera.

MIAMI-DADE COUNTY APPROVED

ROOFING SYSTEM APPROVAL:

Category:	Roofing
Sub-Category:	Metal, Panels(Non-Structural)
Material:	Aluminum
Deck Type:	Wood
Maximum Design Pressure	-113.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
UC-4	l = varies w = 9-3/4" h = 1-½" min. 0.032" thick aluminum	TAS 110	Aluminum preformed metal panels.
Trim Pieces	l = varies w = varies min. 24 ga.	TAS 110	Standard flashing and trim pieces. Manufactured for each panel width.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
PRI Construction Materials Technologies	FBP-032-02-01	TAS 100	05/13/09
Underwriters Laboratories	08NK21135	TAS 125	01/20/09

SYSTEM A:	UC-4 Aluminum Roof Panel
Deck Type:	Wood, Non-insulated
Deck Description:	New Construction or Re-roof $^{19}/_{32}$" or greater plywood or wood plank.
Slope Range:	2":12" or greater
Maximum Uplift Pressure:	The maximum allowable design pressure for the UC-4 aluminum roof panel shall be **–113.5** psf
Deck Attachment:	In accordance with applicable Building Code, but in no case shall it be less than 8d annular ring shank nails spaced 6" o.c. In reroofing, where the deck is less than $^{19}/_{32}$" thick (Minimum $^{15}/_{32}$") The above attachment method must be in addition to existing attachment.
Underlayment:	Minimum underlayment shall be an ASTM D 226 Type II installed with a minimum 4" side-lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 gauge 1 ¼" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll. An additional layer of Versashield (serving as a second underlayment) shall be installed with a minimum 4" side-lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 gauge 1 ¼" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll.
Valleys:	Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Firestone Metal Products' current published installation instructions.
Fire Barrier Board:	Any approved fire barrier having a current NOA. Or for class A or B fire rating, install minimum ¼" thick Georgia Pacific "Dens Deck" (with current NOA) or loose lay one layer of Elk's "Versa Shield" (with current NOA) or minimum 4mm thick of Tritex, RockRoof (with current NOA) or $^{5}/_{8}$" water resistant type X gypsum sheathing with treated core and facer.
Metal Panels and Accessories:	Install the "UC-4 Aluminum Roof Panels" and accessories in compliance with Firestone Metal Products' current, published installation instructions and details. Flashing, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standards RAS 133. Panels shall be attached along the pre-punched slots side with a pair (two) corrosion resistant #10 screws with washers. See **Detail B**. Fasteners shall be of sufficient length to penetrate through the sheathing a minimum of $^{3}/_{16}$". Fastening shall start 1" from panel end and not exceed 12" o.c. there after along the panel side parallel to the slope of the roof.

SYSTEM LIMITATIONS:

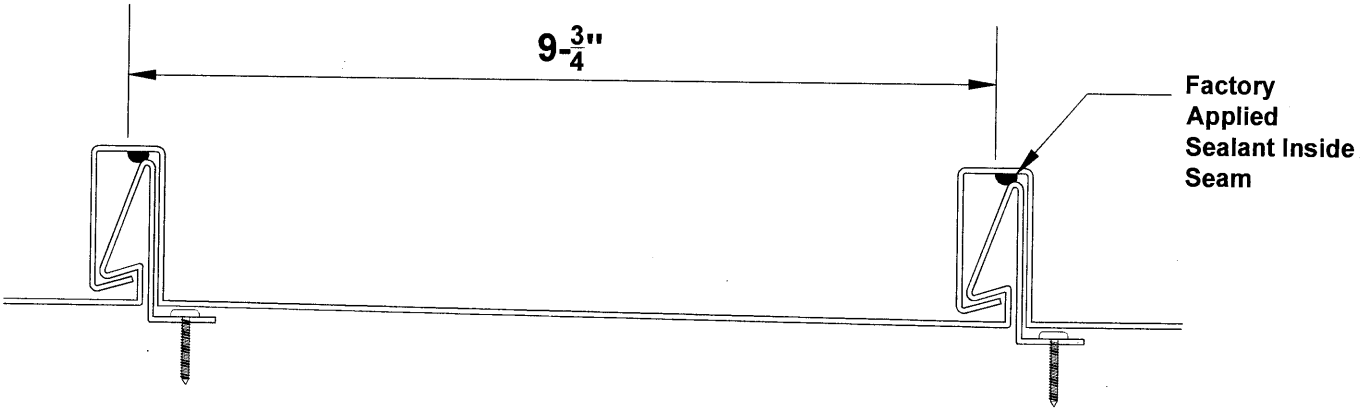
1. The maximum design pressure limitation listed herein shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, and corners).
2. Panels shall be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Miami-Dade County Roofing Application Protocol RAS 133.
3. All panels shall be permanently labeled with the manufacturer's name and/or logo, and the following statement: "Miami-Dade County Product Control Approved" **or** with the Miami-Dade County Product Control Seal as seen below. All clips shall be permanently labeled with the manufacturer's name and/or logo, and/or model.

MIAMI-DADE COUNTY
APPROVED

4. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product

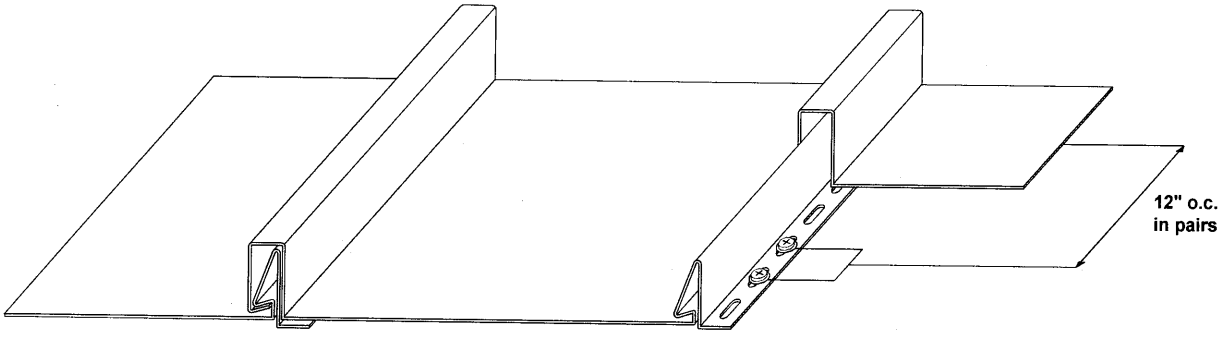
PROFILE DRAWINGS:

DETAIL A



UC-4 METAL ROOF PANEL

DETAIL B



END OF THIS ACCEPTANCE