



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Firestone Metal Products
1001 Lund Boulevard
Anoka, Minnesota 55303

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Miami-Dade County Product Control Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: UNA-FOAM Wall Panel System

APPROVAL DOCUMENT: Drawing No. FSMP NOA, titled "UNA-FOAM ", sheets 1 & 2 of 2, prepared by Rice Engineering, dated February 14, 2012, signed and sealed by L. David Rice, P.E., on February 14, 2012 bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
06/14/2012

NOA No. 11-1005.06
Expiration Date: 03/06/2013
Approval Date: 06/14/2012

Firestone Metal Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. FSMP NOA, titled "UNA-FOAM", sheets 1 & 2 of 2, prepared by Rice Engineering, dated February 14, 2012, signed and sealed by L. David Rice, P.E., on February 14, 2012.*

B. TESTS

1. *See File # 11-1013.02.*

C. CALCULATIONS

1. *See File # 11-1013.02.*

D. QUALITY ASSURANCE

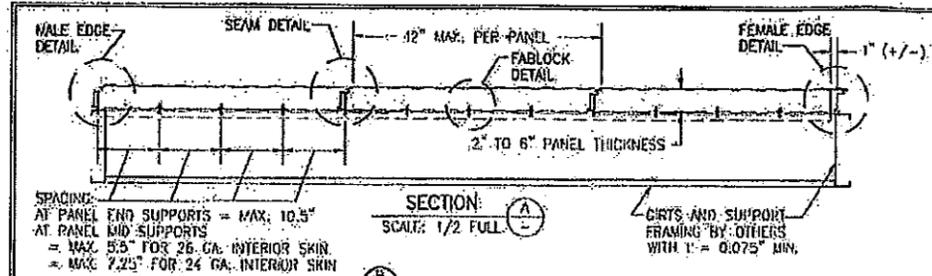
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *See File # 11-1013.02.*



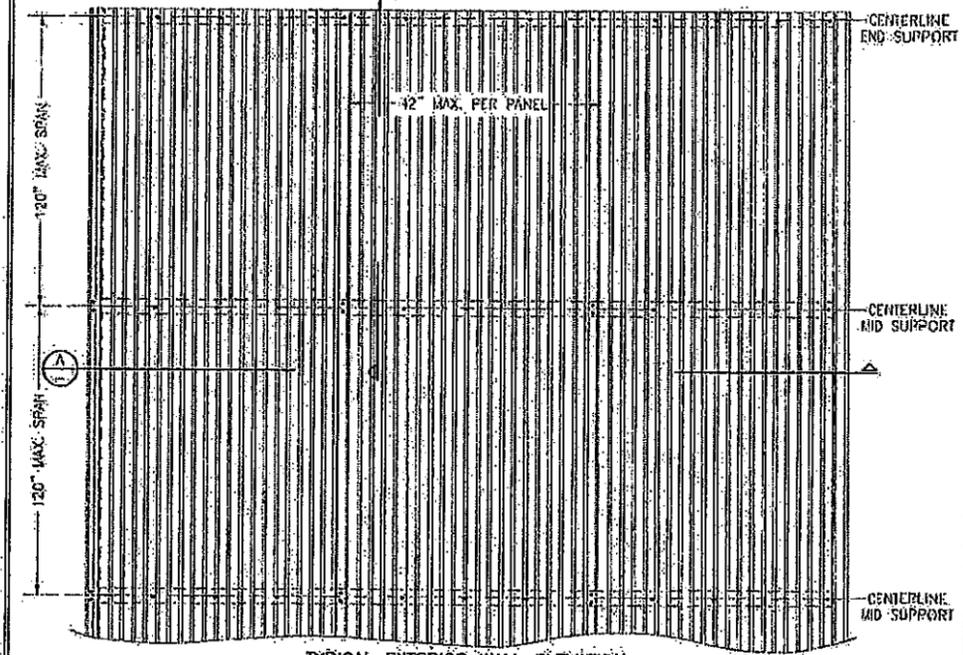
Helmy A. Makar, P.E., M.S.
RER, Product Control Unit Supervisor
NOA No. 11-1005.06
Expiration Date: 03/06/2013
Approval Date: 06/14/2012



SPACING:
 AT PANEL END SUPPORTS = MAX. 10.5"
 AT PANEL MID-SUPPORTS
 = MAX. 5.5" FOR 26 GA. INTERIOR SKIN
 = MAX. 7.25" FOR 24 GA. INTERIOR SKIN

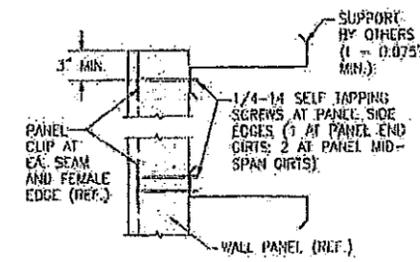
SECTION A
 SCALE: 1/2 FULL

GIRTS AND SUPPORT
 FRAMING BY OTHERS
 WITH 1" = 0.075" MIN.



PRODUCT APPROVAL IS LIMITED TO THE WALL PANEL & ITS CONNECTING CLIPS. THE STRUCTURAL ADEQUACY OF ALL OTHER STRUCTURAL ITEMS (BEAMS, COLUMNS, PURLINS, FACIA SUPPORTS, CONNECTIONS OF STRUCTURE, ETC.) SHALL BE VERIFIED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT. THE WALL PANELS SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.

- GENERAL NOTES:**
1. THIS STRUCTURAL WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE (F.B.C.).
 2. ALL WALL PANELS ARE MAX. 42" WIDE, CONSIST OF EXTERIOR 26 GA. (1 = 0.019" MIN.) AND INTERIOR 26 GA. (1 = 0.019" MIN.) OR 24 GA. (1 = 0.075" MIN.) G-90 CLAD STEEL SKINS (F_y = MIN. 36 KSI) COATED WITH AN EMBOSSED & PAINTED OR THF (SIUCCO-URE) FINISH & ARE FOAM FILLED WITH FOAMCO-IN-PLACE NON-CFC 2.0 LB/CU. FT. DENSITY POLYURETHANE.
 3. THE WALL PANELS SHALL BE INSTALLED OVER WALL STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
 4. THE WALL PANELS MUST BE INSTALLED OVER MIN. 2 SUPPORT SPANS. HORIZONTAL SEAMS MAY BE PRESENT AT CENTERLINE OF SUPPORTING GIRTS PROVIDING THE SEAMS ARE FLASHED & PROPERLY SEALED PER FIRESTONE SPECIFICATIONS AND EACH PANEL END IS SECURED PER THESE DRAWINGS.
 5. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
 7. THIS WALL PANEL SYSTEM HAS BEEN TESTED AS AN IMPACT SYSTEM IN ACCORDANCE WITH PROTOCOLS: 195-201, 202 & 203.
 8. WALL PANEL MANUFACTURER'S PERMANENT LABEL SHALL BE PLACED AT THE END OF EACH PANEL RUN AND SHALL READ: FIRESTONE METAL PRODUCTS - UNA-FOAM LEWISVILLE, TEXAS DADE COUNTY PRODUCT CONTROL APPROVED
 9. ALL SCREWS SHALL BE CORROSION RESISTANT SELF-TAPPING SCREWS.
 10. THE SUPPORTING STRUCTURE OVER WHICH THE PANELS ARE TO BE INSTALLED, MUST BE MINIMUM 1" GAGE (MIN. 0.075") STEEL WITH MIN. F_y = 33 KSI.
 11. THESE WALL PANELS SHALL NOT BE CONSIDERED TO OR BE USED FOR TRANSFER OF DIAPHRAGM ACTION OF WALL TO SUPPORTING STRUCTURE.



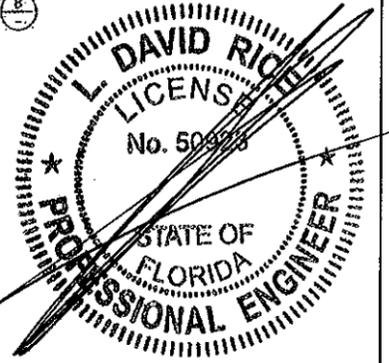
SECTION B
 SCALE: 1/2 FULL

SPAN (IN.)	ALLOWABLE PRESSURE (2 OR MORE SPANS PER PANEL)	
	POSITIVE (PSF)	NEGATIVE (PSF)
48	70.0	90.0
54	67.1	80.0
60	64.2	72.0
66	61.2	65.9
72	58.3	60.0
78	53.8	55.4
84	50.0	51.4
90	46.7	45.0
96	43.8	40.0
102	41.2	42.4
108	38.9	40.0
114	36.8	37.9
120	35.0	35.0

SPAN (IN.)	ALLOWABLE PRESSURE (SINGLE SPAN PANELS)	
	POSITIVE (PSF)	NEGATIVE (PSF)
48	63.6	76.7
54	45.4	53.9
60	33.1	39.3
66	24.9	29.5
72	16.2	22.7

Approved as complying with the Florida Building Code
 Date 06/14/2012
 NOA# 11-1005-06
 Miami Dade Product Control
 By *[Signature]*

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 Florida Firm No: F-0100005061
 Certificate of Authorization: #9090
 L. David Rice
 Registration No: 60923

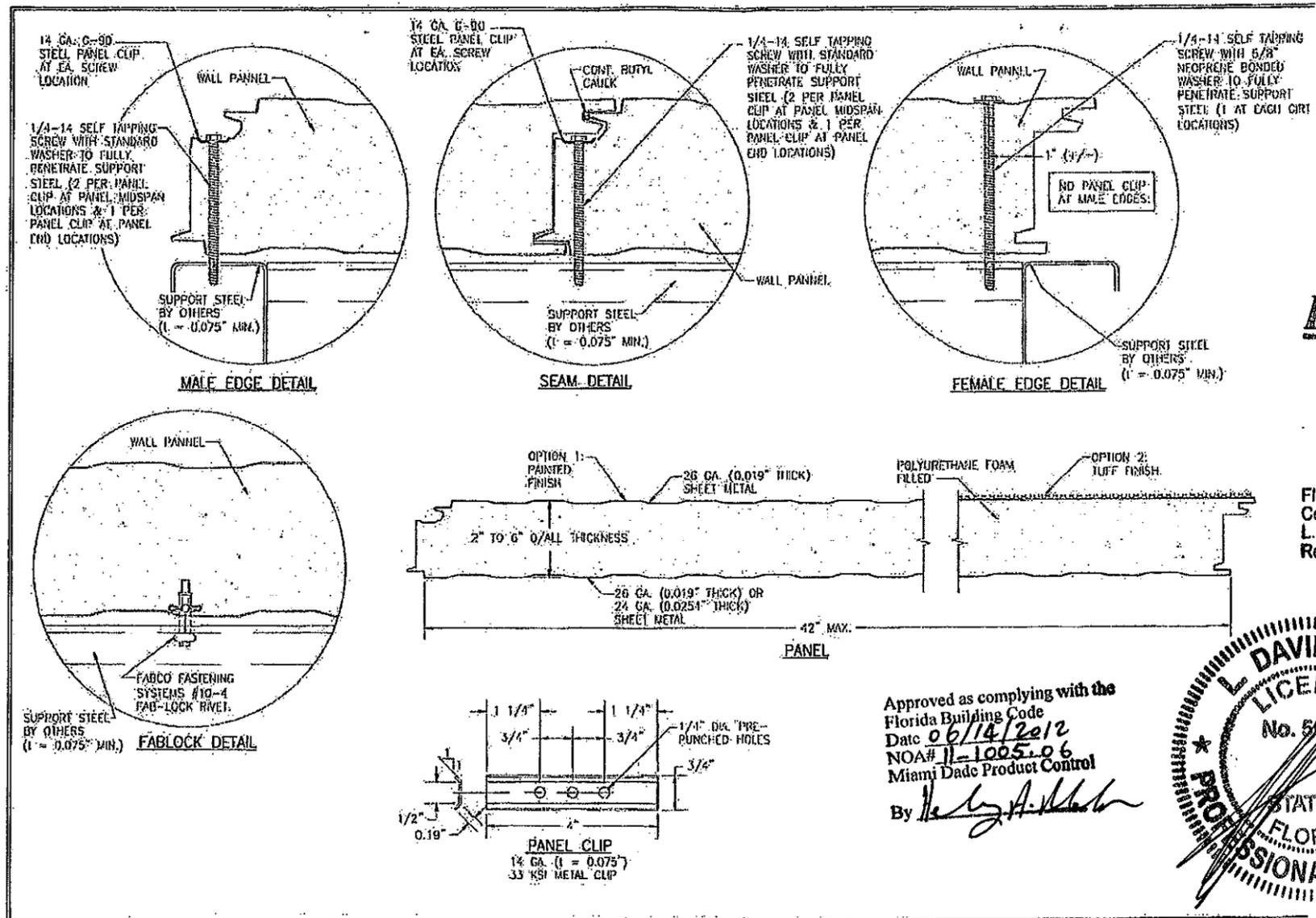


FEB 14 2012

SUBMITTAL NUMBER:			
NO.	DATE	BY	DESCRIPTION OF REVISIONS

Firestone
 METAL PRODUCTS
UNA-CLAD
 NATIONWIDE 1-800-428-7737 LOCAL (783) 578-8595
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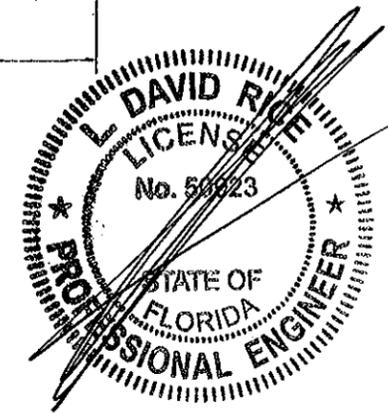
CUSTOMER: FSMP NOA	DRAWN BY:
FAB NUMBER:	RELEASE:
MATERIAL: UNA-FOAM	DATE: 2-14-2012
THICKNESS:	DRAWING NO.
FINISH:	PRE: <input type="checkbox"/> POST: <input type="checkbox"/> PAGE NO. 1 OF 2



RICE
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Florida Firm No: F-01000005061
Certificate of Authorization: #9090
L. David Rice
Registration No: 50923



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By *[Signature]*

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CUSTOMER: FSMP NOA		DRAWN BY:	
FAB NUMBER:	RELEASE:	SCALE:	
MATERIAL: UNA-FOAM		DATE: 2-14-2012	
THICKNESS:	DRAWING NO.		
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