

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) 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/economy

NOTICE OF ACCEPTANCE (NOA)

Dynamic Metals, LLC 3201 SE Dominica Terrace Stuart, FL. 34997

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 Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: PAC-2400 – 0.040in (min.) Aluminum Panel over Wood Deck

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 6.

The submitted documentation was reviewed by Rafael Macedo.



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ROOFING SYSTEM APPROVAL:

<u>Category:</u> Roofing

Sub-Category: Metal, Panels (Non-Structural)

Material:AluminumDeck Type:WoodMaximum Design Pressure-180.00 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product <u>Description</u>
PAC-2400 – .040" (min.) Aluminum Panel	Length: various Height: 2" Width: 16" Thickness .040" (min.) Min. Yield Strength: 20ksi.	TAS 110	Corrosion resistant, aluminum standing seam panel.
PAC-2400 Fixed Clip	Length: 3" Height: 2-1/8" Base Width: 1-1/8" Thickness 22 ga		Corrosion resistant, 22 gauge stainless steel clip.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test	Product
		Specifications	<u>Description</u>
Bostik 70-05A	N/A	TAS 110	Heavy duty construction adhesive.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	<u>Date</u>
PRI Asphalt Technologies, Inc.	DMC-004-02-01	TAS 125	03/11/13
	DMC-007-02-01	TAS 100	03/11/13
	AKZC-001-02-01	ASTM B 117	10/08/02
Akzo Nobel Coatings, Inc.	Lab Form	ASTM G 153	



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APPROVED ASSEMBLIES:

System: PAC-2400 – .040" (min.) Aluminum Panel

Deck Type: Wood, Non-insulated

Deck Description: New Construction $^{19}/_{32}$ " or greater plywood or wood plank.

Slope Range: 2": 12" or greater

Maximum Uplift See Table A Below

Pressure:

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.

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 1/4" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll or any approved underlayment having a current NOA.

Fire Barrier Board: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for

fire ratings of this roofing system assembly as well as the location of the fire barrier within

the assembly. See Limitation # 1.

Valleys: Valley construction shall be in compliance with Roofing Application Standard RAS 133

and with the current published installation instructions and details in PAC Contractors

Association's Installation Manual.

Metal Panels and Accessories:

Install the "PAC-2400 – .040" (min.) Aluminum Panel " panels including flashing penetrations, valleys, end laps and accessories in compliance with PAC Contractors

Association's current, published installation instructions and in compliance with the

minimum requirements detailed in Roofing Application Standard RAS 133.

Panels shall be secured along the male rib with approved clips and two corrosion resistant #10-13 pancake head fasteners of sufficient length to penetrate through the sheathing a minimum of $^{3}/_{16}$ ". The panel clips were placed at a spacing listed below in Table A. The female rib of panel is placed over the male rib and seamed to a 180° lock. For perimeter and corner conditions, a $^{1}/_{4}$ " bead of Bostik Seam Sealant shall be used. See detail drawing

herein.

TABLE A MAXIMUM DESIGN PRESSURES					
Roof Areas	Field	Perimeter and Corner ^{1,2}			
Maximum Design Pressures	-105.00	-180.00			
Maximum Clip Spacing	16" o.c.	8" o.c.			
Clip	PAC-2400 Fixed Clip	PAC-2400 Fixed Clip			
Mechanical Seam	180°	180°			
1. Extrapolation shall not be allowed	ed				
2. Place a bead of Bostik 70-05A se	ealant in the lateral seams prior to seaming				



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LIMITATIONS

- 1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 2. The maximum designed pressure 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, extended corners and corners).
- **3.** Panels may be rolls formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard RAS 133
- 4. All panels shall be permanently labeled with the manufacturer's name and/or logo, city and state, 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.



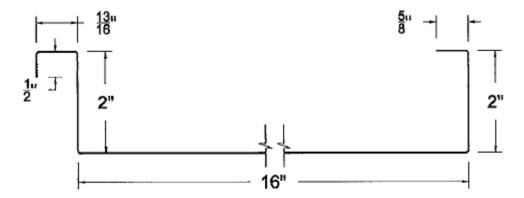
- 5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and **Rule 61G20-3** of the Florida Administrative Code.
- 6. Panels may be shop or jobsite roll formed with machine model #'s NTM-0700123, SSR-10751007, SSQ-6800617 and SSQ2U-6480323 from PAC Contractors Association.



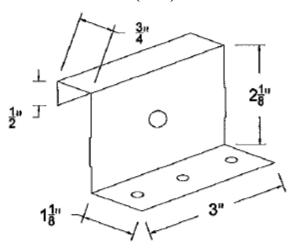
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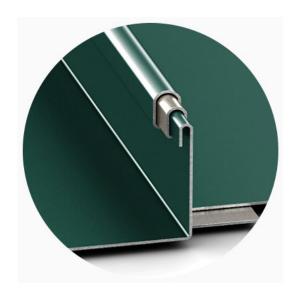
PROFILE DRAWINGS



PAC-2400-.040 (MIN.) ALUMINUM PANEL



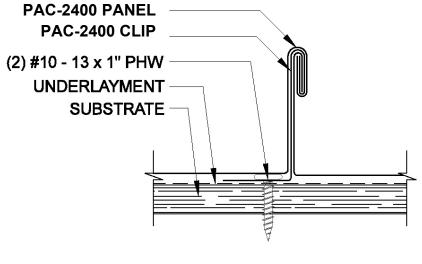
PAC-2400 CLIP



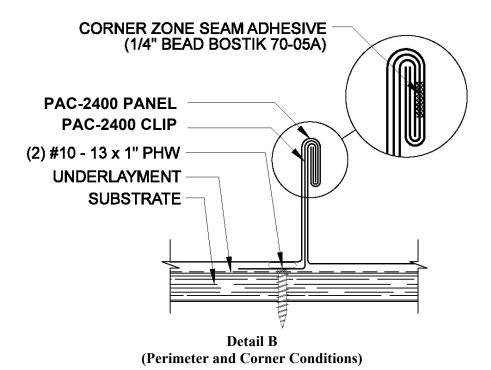
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Detail A (Field Conditions)



CLIP RELIEFS, STIFFENING RIBS AND/OR STRIATIONS ARE OPTIONAL

END OF THIS ACCEPTANCE

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