



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)

Metal Alliance, Inc.
2160 SW Poma Drive
Palm, City, FL. 34990

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: 150 MSALLSEAM Steel Panel over Wood

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.



NOA No.: 21-0506.08
Expiration Date: 07/08/26
Approval Date: 07/08/21
Page 1 of 5

ROOFING SYSTEM APPROVAL:

<u>Category:</u>	Roofing
<u>Sub-Category:</u>	Non-Structural Metal Panels
<u>Material:</u>	Steel
<u>Deck Type:</u>	Wood
<u>Maximum Design Pressure</u>	-176 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
150 MSALLSEAM	Length: various Height: 1-1/2" Width: 16" Thickness = 24ga (0.024") Min. Yield Strength: 62 ksi.	TAS 110	Corrosion resistant, steel, coated mechanical-lock panel.
Clip	Length: 2" Height: 1-5/8" Width: 1-1/4" Thickness 24 ga	TAS 110	Corrosion resistant, Steel 24 gauge steel clip
Trim Pieces	L = varies W = varies Min. Thickness 24 ga.	TAS 110	Standard flashing and trim pieces. Manufactured for each panel width.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Intertek	L2072.03-450-44	TAS 100	03/26/21
	L2072.04-450-44	TAS 125	03/29/21
Sherwin Williams /Flouoropon		ASTM B 117	05/30/19
		ASTM G 155	05/30/19



APPROVED ASSEMBLIES:

System:	150 MSALLSEAM Steel Panel - 16" wide 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 Pressure:	See Table A below

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 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 Metal Alliance, Inc's Installation Manual.
Metal Panels and Accessories:	Install the "150 MSALLSEAM Steel Panel" including flashing penetrations, valleys, end laps and accessories in compliance "Metal Alliance, Inc'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 (2) corrosion resistant #10 fasteners of sufficient length to penetrate through the sheathing a minimum of ³/₁₆". The panel clips were placed at a spacing listed in Table A below. The adjacent panel is placed over the secured panel/clip assembly and seamed with a single lock (90°) seam.

TABLE A		
MAXIMUM DESIGN PRESSURES		
Roof Areas	Field	Perimeter and Corner¹
Maximum Design Pressures	-86 psf	-176 psf
Maximum Clip Spacing	24" o.c.	6" o.c.

1. Extrapolation shall not be allowed



NOA No.: 21-0506.08
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 Page 3 of 5

LIMITATIONS

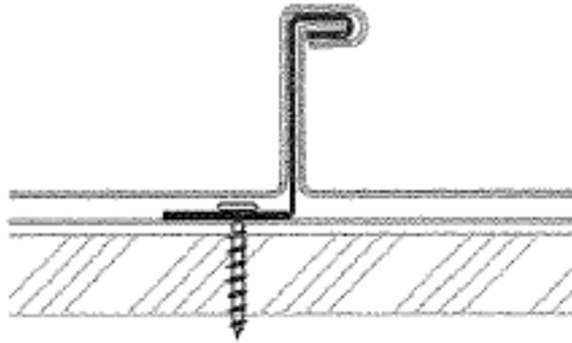
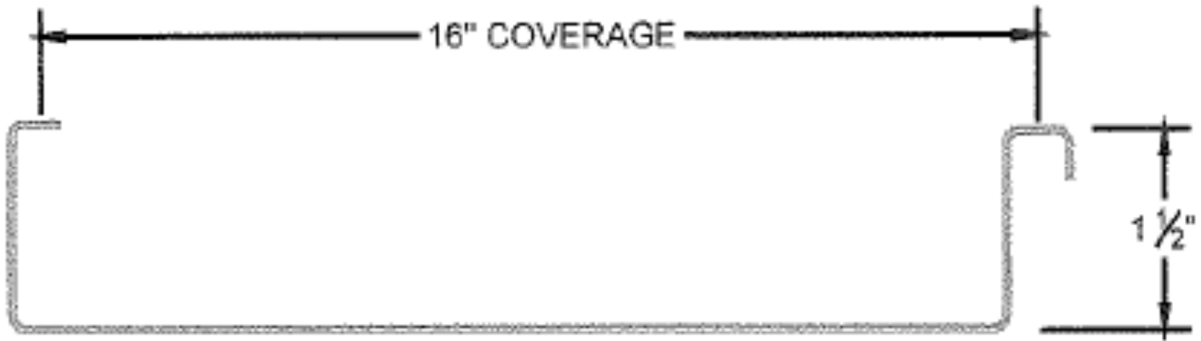
- 1 Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 2 The maximum designed pressure listed herein shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
2. Panels may be rolls formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard 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.



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.



PROFILE DRAWINGS



END OF THIS ACCEPTANCE



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NOTICE OF ACCEPTANCE (NOA)

Polyglass USA Inc.
1111 W. Newport Center Drive
Deerfield Beach, FL 33442

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).

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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: Polyglass Polystick XFR

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.

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NOA No.: 20-1117.03
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Page 1 of 5

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS , APP Self-Adhering Modified Bitumen

PRODUCTS DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Polystick XFR <i>Manufacturing Location #1 - 2</i>	49' x 39- ³ / ₈ " 80 mils thick	TAS 103	A fire resistant, rubberized asphalt waterproofing membrane, glass fiber reinforced with polyolefinic film on the upper surface for use as an underlayment for metal roofing, roof tile, slate tiles and shingle underlayment.

MANUFACTURING PLANTS:

1. Waco, TX
2. Fernley, NV

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
NEMO ETC LLC	4j-PLYG-20-SSUDL-01.B	TAS 103 & TAS 110	10/21/20
	4j-PLYG-20-SSUDL-11.A	TAS 103 & TAS 110	10/21/20

LABELING:

1. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



BUILDING PERMIT REQUIREMENTS:

Application for building permit shall be accompanied by copies of the following:

1. This Notice of Acceptance.
2. Any other documents required by the Building Official or applicable building code in order to properly evaluate the installation of this materials.



NOA No.: 20-1117.03
Expiration Date: 01/21/26
Approval Date: 01/21/21
Page 2 of 5

INSTALLATION PROCEDURES:

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32" plywood or wood plank
System Type E:	Anchor sheet mechanically fastened to deck, membrane adhered
Anchor/Base Sheet:	One or more plies of ASTM D 226 Type II or ASTM D 2626.
Fastening:	Per FBC 1518.2 & 1518.4 Nails and tin caps 12" grid, 6" o.c. at a minimum 4" head lap. (for base sheet only)
Membrane:	Polystick XFR , self-adhered.
Surfacing:	See General Limitations Below.

INSTALLATION REQUIREMENTS:

1. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose deck panels, and sweep the deck thoroughly to remove any dust and debris prior to application.
2. Place the underlayment over metal drip edge in accordance with RAS 111.
3. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release film as the membrane is applied. All side laps shall be a minimum of 3" and end laps shall be a minimum of 6". Roll the membrane into place after removing the release strip. Vertical strapping of the roof with Polystick is acceptable. Membrane shall be back nailed in accordance with applicable building code.
4. When applying the membrane in the valley, start at the low point and work to the high point, rolling the membrane from the center outward in both directions.
5. For ridge applications, center the membrane and roll from the center outward in both directions.
6. Roll or broom the entire membrane surface so as to have full contact with the surface, giving special attention to lap areas.
7. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance.
8. All protrusions or drains shall be initially taped with a 6" piece of underlayment. The flashing tape shall be pressed in place and formed around the protrusion to ensure a tight fit. A second layer of Polystick shall be applied over the underlayment.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance.
2. **Polystick XFR** may be used in asphaltic shingles, wood shakes and shingles, non-structural metal roofing, mechanically fastened roof tile systems and quarry slate roof assemblies.
3. Deck requirements shall be in compliance with applicable building code.
4. **Polystick XFR** shall be applied to a smooth, clean and dry surface. The deck shall be free of irregularities.
5. **Polystick XFR** shall not be adhered directly over a pre-existing roof membrane as a recover system.
6. **Polystick XFR** shall not be left exposed as a temporary roof for longer than 180 days of application. Polyglass reserves the right to revise or alter product exposure times; not to exceed the preceeding maximum time limitations.
7. 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.
8. In roof tile application, data for the attachment resistance of roof tiles shall be as set forth in the roof tile manufacturer's Notice of Acceptance. **Polystick XFR** is limited to mechanically fastened with the limitations outlined in Section 9.
9. Tiles must be staged onto **Polystick XFR** not to exceed 10-high, with battens, to the standard maximum roof pitch of 6:12. Battens are required and shall be utilized during loading and installation of tiles.
10. Refer to prepared roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products. **Polystick XFR** may be used with any approved roof covering Notice of Acceptance listing **Polystick XFR** as a component part of an assembly in the Notice of Acceptance.

If **Polystick XFR** are not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Section for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.



POLYGLASS GENERAL APPLICATION GUIDELINES FOR POLYSTICK MEMBRANES

**PLEASE CHECK WITH LOCAL BUILDING CODES REGARDING LIMITATIONS OF SPECIFIC APPLICATIONS.
LOCAL CODES MAY SUPERSEDE POLYGLASS REQUIREMENTS AND RECOMMENDATIONS.**

1. Polyglass does accept the direct application of Polystick underlayment membranes to wood decks. Installers are cautioned to refer to applicable local building codes prior to direct deck installation to ensure this is acceptable. Please also refer to applicable Product Data Sheets of the corresponding products.
2. All rolls should be back-nailed in selvage edge seam as per Polyglass Back Nailing Guide. Nails shall be, 11 gauge ring shank type, applied with a minimum 1 5/8" metal disk as required in Miami-Dade County or simplex type nail as otherwise allowable in other regions, at a minimum rate of 12" o.c. The head lap membrane is to cover the area being back-nailed. (Please refer to applicable local building codes prior to installation.)
3. All seal lap seams (selvage laps) must be rolled with a hand roller to ensure full contact.
4. Minimum cure time after membrane installation & before loading of roofing tiles is Forty-Eight (48) Hours.
5. Polystick membranes may not be used in any exposed application such as crickets, exposed valleys, or exposed roof to wall details.
6. Repair of Polystick membranes is to be accomplished by applying Polyglass POLYPLUS 50, XtraFlex 50 Premium Modified Wet/Dry Cement or Polyglass PG 500 to the area in need of repair, followed by a patch of the Polystick material of like kind should be set and hand rolled in place over the area needing such repair. Patching membrane shall be a minimum of 6 inches in either direction. The repair should be installed in such a way so that water will run parallel to or over the top of all laps of the patch.
7. All self-adhered membranes must be rolled to ensure full contact with approved substrates. Polyglass requires a minimum of 40 lbs for a weighted roller for the rolling of the field membrane. Hand rollers are acceptable for rolling of patches or small areas of the roof. Brooming may be used where slope prohibits rolling.
8. All approved substrates should be dry, clean and properly prepared, before any application of Polystick membranes commences. An approved substrate technical bulletin can be furnished upon request. It is recommended to refer to applicable building codes prior to installation to verify acceptable substrates.
9. The Polyglass Miami-Dade Notice of Acceptance (NOA) approval for Polystick membranes can be furnished upon request by our Technical Services Department by calling 1 (800) 894-4563.
10. Questions in regards to the application of Polyglass products should be directed to our Technical Services Department at 1 (800) 894-4563.
11. Polyglass recommends that applicators follow good roofing practices and applicable procedures as outlined by the National Roofing Contractors Association (NRCA).

**PLEASE CHECK WITH LOCAL BUILDING CODES REGARDING LIMITATIONS OF SPECIFIC APPLICATIONS.
LOCAL CODES MAY SUPERSEDE POLYGLASS REQUIREMENTS AND RECOMMENDATIONS.**

END OF THIS ACCEPTANCE



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Page 5 of 5