MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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Miami, Florida 33175-2474
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

ATAS International, Inc.
6612 Snowdrift Road
Allentown, PA. 18106

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: ATAS FLR160

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 renews NOA # 19-0925.04 and consists of pages 1 through 7.
The submitted documentation was reviewed by Alex Tigera.

11/21/24

ROOFING SYSTEM APPROVAL:

Category:	Roofing
Sub-Category:	Metal, Panels (Non-Structural)
Material:	Aluminum
Deck Type:	Wood and Steel
Maximum Design Pressure:	**-225 psf**

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
ATAS FLR160	Length: various Height: 2” Width: 16” Thickness 0.040” Min. Yield Strength: 23 ksi.	TAS 110	Aluminum, preformed, standing seam, prefinished panels.
Field Clips	Length: 3” Height: 2” Base Width: 1-$^{7}/_{16}$” Thickness 24 ga	TAS 110	Type 304 stainless steel, 24 gauge steel clip.
Corner Clips	Length: 3” Height: 2” Base Width: 1-$^{7}/_{16}$” Thickness 22 ga	TAS 110	Type 304 stainless steel, 22 gauge steel clip.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

Product	Dimensions	Test Specifications	Manufacturer
Titanium-UDL 50	As per current NOA	ASTM D 226 Type II	Owens Corning Roofing and Asphalt LLC.
Titanium-PSU 30	As per current NOA	TAS 103	Owens Corning Roofing and Asphalt LLC.

MANUFACTURING LOCATION:

1. Allentown, PA.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Architectural Testing	B7299.01-109-18	TAS 125	03/31/14
	B7309.01-109-18	TAS 125	03/31/14
	C1445.01-109-18	TAS 100	11/14/12

APPROVED ASSEMBLIES:

System A:	ATAS FLR160
Deck Type:	Wood, Non-insulated
Deck Description:	$^{19}/_{32}$" 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.

Underlayment: Minimum underlayment shall be one layer of Titanium UDL-50 installed with a minimum 4" side-lap and 6" end-laps. Titanium UDL-50 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.

A layer of Titanium-PSU 30 shall be installed over the Titanium-UDL 50,self-adhered, with minimum 3" horizontal laps and minimum 6" vertical laps. Use a heavy pressure roller under safe conditions to further secure the membrane.

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 ATAS International, Inc's current published installation manual.

Metal Panels and Accessories: Install the "ATAS FLR160" including flashing penetrations, valleys, end laps and accessories in compliance with Metal Roof Masters 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 listed in Table A below with two corrosion resistant #10-13 pancake head fasteners of sufficient length to penetrate through the sheathing a minimum of $^{3}/_{16}$". The panel clips shall be placed at a spacing listed in Table A below starting 3" from panel end. The female rib of panel is installed over the male rib of panel. Panels are seamed 180°.

TABLE A
MAXIMUM DESIGN PRESSURES

Roof Areas	**Field**	**Perimeter and Corner[1]**
Maximum Design Pressures	**-141.75 psf**	**-165 psf**
Maximum Clip Spacing	**12" o.c.**	**6" o.c.**
Clip Type	**Field Clip**	**Corner Clip**

1. Extrapolation shall not be allowed

System B:	ATAS FLR160
Deck Type:	Steel, Insulated
Deck Description:	Metal roof deck 20 MSG, G60 coated steel. Minimum 33ksi
Slope Range:	2": 12" or greater
Maximum Uplift Pressure:	**See Table B below**

Deck Attachment:	Minimum 20 gage steel deck shall be secured 6" o.c. to structural supports spaced a maximum distance 5' o.c., with one (1) #12 x 2" Hex Washer Head self drilling screws fastened at the bottom of each flute (6" o.c.). Deck sidelaps shall be fastened 6" o.c. with #12 x 2" Hex Head self drilling screws.
Insulation:	Minimum ¾" thick and Maximum 4" thick of an approved rigid board insulation with current NOA having a minimum 20psi compressive strength fastened with approved #14 pancake head screws long enough to penetrate the steel deck through 3" diameter insulation plates. Fastening density shall be in compliance with applicable Building Code and Roofing Application Standard RAS 117.
Underlayment:	Minimum underlayment shall be one layer of Titanium UDL-50 installed with a minimum 4" side-lap and 6" end-laps. Titanium UDL-50 shall be fastened with corrosion resistant tin-caps and #10 pancake screws long enough to penetrate the deck, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll. A layer of Titanium-PSU 30 shall be installed over the Titanium-UDL 50, self-adhered, with minimum 3" horizontal laps and minimum 6" vertical laps. Use a heavy pressure roller under safe conditions to further secure the membrane.
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 ATAS International, Inc.'s current published installation manual.

Metal Panels and Accessories:

Install the "ATAS FLR160" including flashing penetrations, valleys, end laps and accessories in compliance with Metal Roof Masters 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 listed in Table B below with two corrosion resistant #14-13 pancake head pancake head fasteners of sufficient length to penetrate through the deck a minimum of $^{3}/_{16}$". The panel clips shall be placed at a spacing listed in Table B below starting 3" from panel end. The female rib of panel is installed over the male rib of panel. Panels are seamed 180°.

TABLE B
MAXIMUM DESIGN PRESSURES

Roof Areas	Field	Perimeter and Corner[1]
Maximum Design Pressures	**-180 psf**	**-225 psf**
Maximum Clip Spacing	**12" o.c.**	**6" o.c.**
Clip Type	**Field Clip**	**Corner Clip**

1. Extrapolation shall not be allowed

LIMITATIONS

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

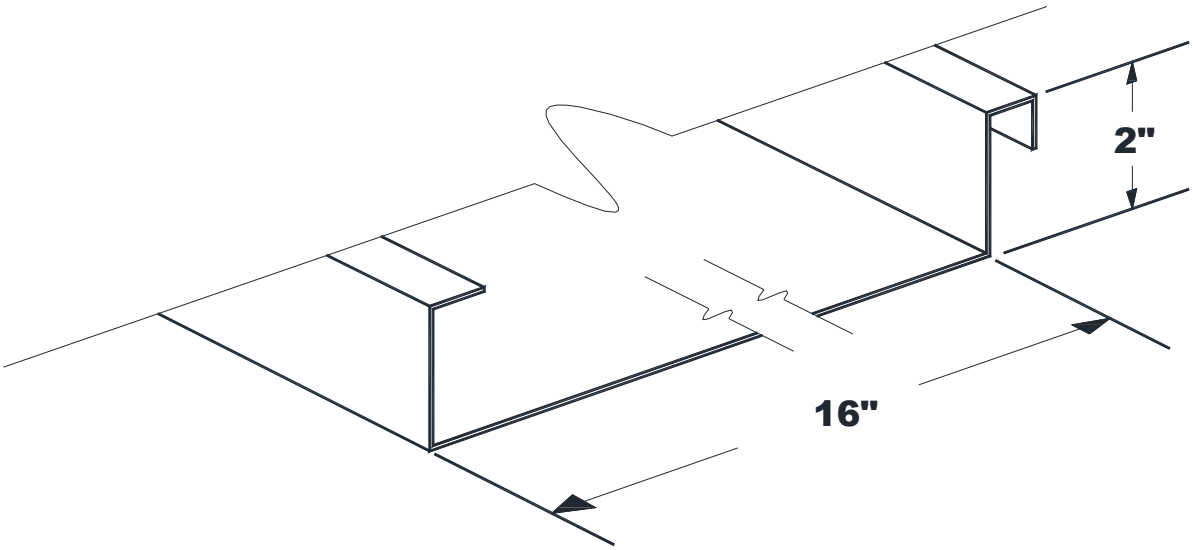
2. The maximum designed pressure listed herein shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).

3. Panels may be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard RAS 133

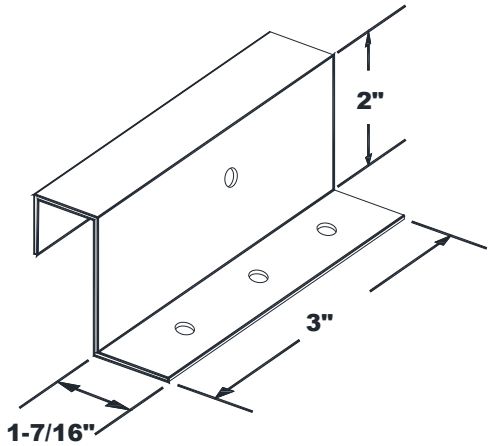
4. All panels shall be permanently labeled with the manufacturer's name and/or logo, and the following statement: "Miami-Dade County Product Control Approved" **or** with the Miami-Dade County Product Control Seal as seen below. All clips shall be permanently labeled with the manufacturer's name and/or logo, and/or model.

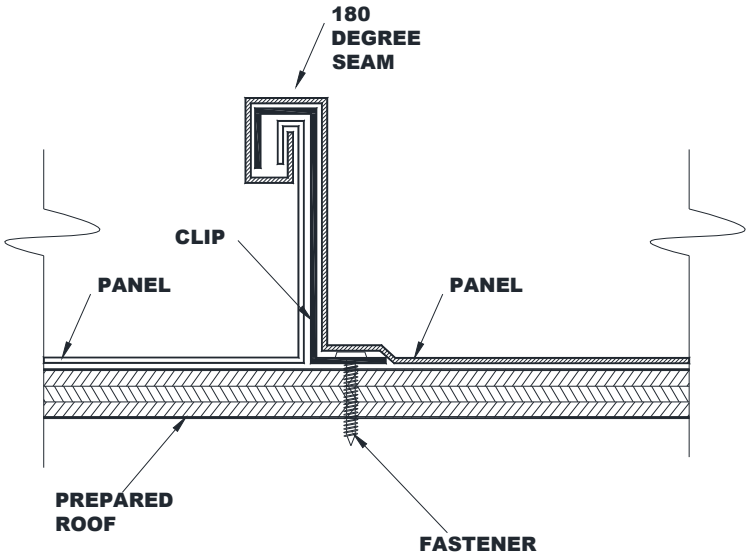
5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

PROFILE DRAWINGS



ATAS FLR 160 PANEL PROFILE





FIXED CLIP

-24 GA FOR FIELD CLIP
-22 GA FOR PERIMETER AND CORNER CLIP

END OF THIS ACCEPTANCE