



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)

Provia
301 Industrial Park Road
Booneville, MS 38829

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: Barrell Tile Metal Roofing

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 revises NOA# 20-0723.04 and consists of pages 1 through 10.
The submitted documentation was reviewed by Alex Tigera.

08/29/24



NOA No.: 24-0124.02
Expiration Date: 08/08/29
Approval Date: 08/29/24
Page 1 of 10

ROOFING SYSTEM APPROVAL:

Category: Roofing
Sub-Category: Metal, Panels (Non-Structural)
Material: Steel
Deck Type: Wood
Maximum Design Pressure: -120 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Barrell Tile Metal Roofing	Width =20-5/8” Length = 49-1/4” Thickness min. 26ga. Min. yield strength: 27.7 ksi	TAS 110	ASTM A653 G90 Corrosion Resistant, preformed metal panel, PVDF painted.

MANUFACTURING LOCATION

1. Booneville, MS

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials Technologies	CTC-347-02-01	TAS 125	11/28/18
	CTC-352-02-01	TAS 100	11/26/18
	CTC-364-02-01	TAS 100	02/07/19
	CTC-365-02-01	TAS 100	02/07/19
	CTC-357-02-01/02	ASTM B117	02/07/19
	CTC-357-02-01/03	ASTM G 155	05/28/19
	2637T0001A	ASTM B117	07/24/24
	2637T0001B	ASTM G 155	07/24/24



NOA No.: 24-0124.02
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APPROVED ASSEMBLIES:

System A:	Barrell Tile Metal Roofing
Deck Type:	Wood, Non-insulated
Deck Description:	New Construction ¹⁹ / ₃₂ " or greater plywood or wood plank, or Re-roof ¹⁵ / ₃₂ " or greater plywood or wood plank.
Slope Range:	4": 12" or greater
Maximum Uplift Pressure:	See Fastening Options 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:	Underlayment shall be a CertainTeed Diamond Deck™ ASTM D 226 Type II installed with a minimum 20" 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. At valleys, underlayment shall be woven by extending 12in past centerline.
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: OPENED	Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Provia's current published installation instructions. Use "W" valley metal at 0.019in x 20 5/8in wide with 2in center diverter and 1/2in water locks. Use CertainTeed MetaLayment® as a valley liner beneath the valley metal and atop underlayment. At termination, valley metal cut flush with eave edge metal overhang and bent down along rake side; center diverter was hemmed closed; sealed with any approved Miami-Dade ASTM C920 sealant placed to seal termination details.
Valleys: CLOSED	Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Provia's current published installation instructions. Two (2) piece valley closure; each piece at 0.019in x 11in wide with 2in x 1-1/2 in return and 1/2in water locks. Valley closure pieces abutted each other at valley centerline. Use CertainTeed MetaLayment® as a valley liner beneath the valley metal and atop underlayment. At termination, valley metal cut flush with eave edge metal overhang and bent down along rake side; seal abutted pieces with any approved Miami-Dade ASTM C920 sealant placed to seal termination details. Valley Closure cap affixed to abutted returns with #10-16x1 1/2in metal screw with bonded rubber sealing washer at 12in O.C.
Eave Edge Metal	Use min. 12ga, corrosion resistant 1 1/4 in. ring shank nails at 4"o.c. and 1" from exterior of edge. Joints lapped 4in. and sealed with any approved Miami-Dade ASTM C920 sealant. Install CertainTeed MetaLayment® along eave and atop of the eave metal. First panel install atop Bird Guard; (1 1/2in x 1 in x 36in), with pre punched holes, Optional.

Metal Panels and Accessories:

Install the "Barrell Tile Metal Roofing" and accessories in compliance with Provia's current, published installation instructions and details. Flashings, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standard RAS 133.

Field Condition:

Install the "Barrell Tile Metal Roofing" in the field of the roof using a minimum of thirteen (13) Fasteners placed in accordance with Provia's current published High-Velocity Hurricane Zone installation instructions.

See Detail Drawings – Detail B.

Attachment: #10-16x 1-1/2in corrosion resistant metal screw with bonded rubber sealing washer.

Fasteners: Installed at thirteen (13) per panel; five (5) located in the panel side lap and eight (8) located in the panel face. In the side laps, fasteners are placed into pre-punched holes located approximately 1/2in, 9-3/8in, 21-1/4in, 33in, and 44-7/8 in from the butt of fastening flange.

In the face, fasteners were placed in the upper left corner of each "pan" of the profile.

Maximum Design Pressure:

-93.75 psf (See General Limitation 2)

Perimeter and Corner Condition:

Install the "Barrell Tile Metal Roofing" in the corners and perimeters of the roof using a minimum of seventeen (17) fasteners placed in accordance with Provia's current published High-Velocity Hurricane Zone installation instructions.

See Detail Drawings – Detail C.

Attachment: #10-16x 1-1/2in corrosion resistant metal screw with bonded rubber sealing washer.

Fasteners: Installed at seventeen (17) per panel; nine (9) located in the panel side lap and eight (8) located in the panel face. In the side laps, fasteners are placed into pre-punched holes located approximately 1/2in, 9-3/8in, 21-1/4in, 33in, and 44-7/8 in from the butt of fastening flange.

In the face, fasteners were placed in the upper left corner of each "pan" of the profile.

Maximum Design Pressure:

-120 psf (See General Limitation 2)



System B :	Barrell Tile Metal Roofing
Deck Type:	Wood, Non-insulated
Deck Description:	New Construction ¹⁹ / ₃₂ " or greater plywood or wood plank, or Re-roof ¹⁵ / ₃₂ " or greater plywood or wood plank.
Slope Range:	4": 12" or greater
Maximum Uplift Pressure:	See Fastening Options 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: Underlayment shall be a CertainTeed MetaLayment[®] ASTM D 1970 installed with a minimum 3 3/8" 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. At valleys, underlayment shall be woven by extending 12in past centerline.

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 Provia's current published installation instructions. Use "W" valley metal at 0.019in x 20 5/8 wide with 2in center diverter and 1/2in water locks. Use CertainTeed MetaLayment[®] as a valley liner beneath the valley metal and atop underlayment. At termination, valley metal cut flush with eave edge metal overhang and bent down along rake side; center diverter was hemmed closed; sealed with any approved Miami-Dade ASTM C920 sealant placed to seal termination details.

Eave Edge Metal Use min. 12ga, corrosion resistant 1 1/4 in. ring shank nails at 4"o.c. and 1" from exterior of edge. Joints lapped 4in. and sealed with any approved Miami-Dade ASTM C920 sealant. Install CertainTeed MetaLayment[®] along eave and atop of the eave metal. First panel install atop Bird Guard; (1 1/2in x 1 in x 36in), with pre punched holes, Optional.

Metal Panels and Accessories: Install the "Barrell Tile Metal Roofing" and accessories in compliance with Provia's current, published installation instructions and details. Flashings, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standard RAS 133.



Field Condition: Install the “Barrell Tile Metal Roofing” in the field of the roof using a minimum of thirteen (13) Fasteners placed in accordance with Provia’s current published High-Velocity Hurricane Zone installation instructions.
See Detail Drawings – Detail B.

Attachment: #10-16x 1-1/2in corrosion resistant metal screw with bonded rubber sealing washer.

Fasteners: Installed at thirteen (13) per panel; five (5) located in the panel side lap and eight (8) located in the panel face. In the side laps, fasteners are placed into pre-punched holes located approximately 1/2in, 9-3/8in, 21-1/4in, 33in, and 44-7/8 in from the butt of fastening flange.

In the face, fasteners were placed in the upper left corner of each “pan” of the profile.

Maximum Design Pressure: -93.75psf. (See General Limitation 2)

Perimeter and Corner Condition: Install the “Barrell Tile Metal Roofing” in the corners and perimeters of the roof using a minimum of seventeen (17) fasteners placed in accordance with Provia’s current published High-Velocity Hurricane Zone installation instructions.

See Detail Drawings – Detail C.

Attachment: #10-16x 1-1/2in corrosion resistant metal screw with bonded rubber sealing washer.

Fasteners: Installed at seventeen (17) per panel; nine (9) located in the panel side lap and eight (8) located in the panel face. In the side laps, fasteners are placed into pre-punched holes located approximately 1/2in, 9-3/8in, 21-1/4in, 33in, and 44-7/8 in from the butt of fastening flange.

In the face, fasteners were placed in the upper left corner of each “pan” of the profile.

Maximum Design Pressure: -120psf. (See General Limitation 2)



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. All panels shall be permanently labeled with the manufacturer’s name and/or logo, city and state of manufacturing facility, and the following statement: “Miami-Dade County Product Control Approved” **or** with the Miami-Dade County Product Control Seal as seen below.

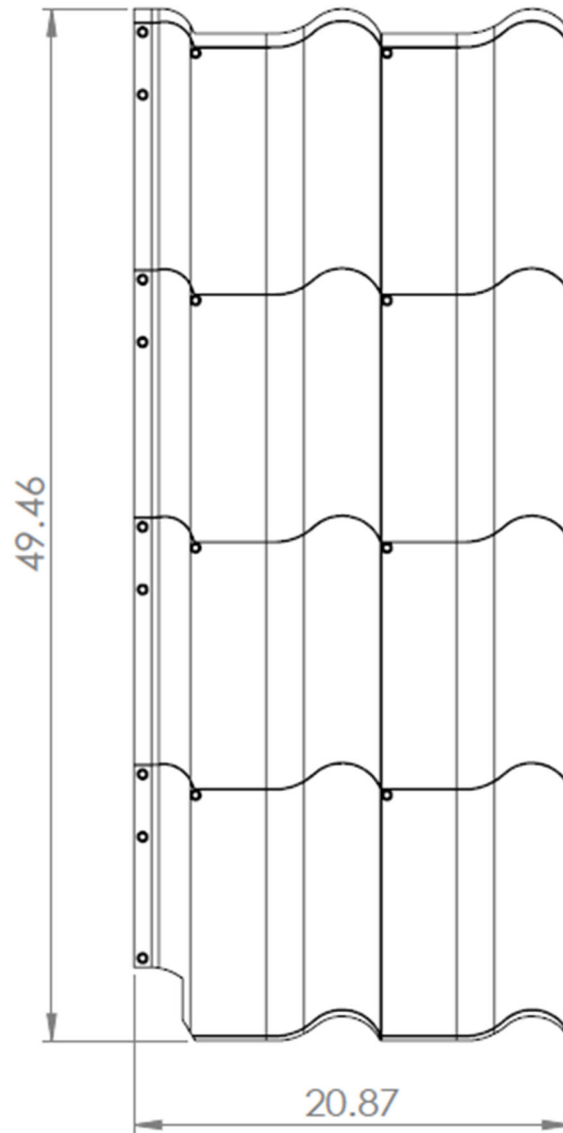


4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.



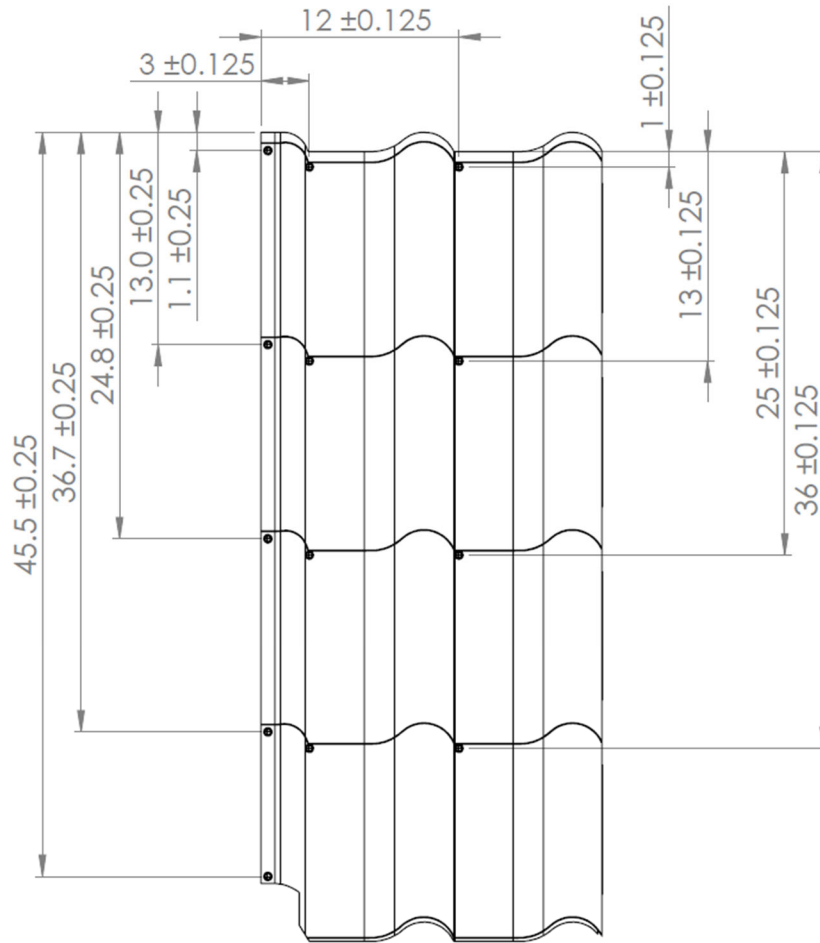
DETAIL DRAWING A

BARRELL TILE METAL ROOFING OVERALL PANEL DIMENSIONS



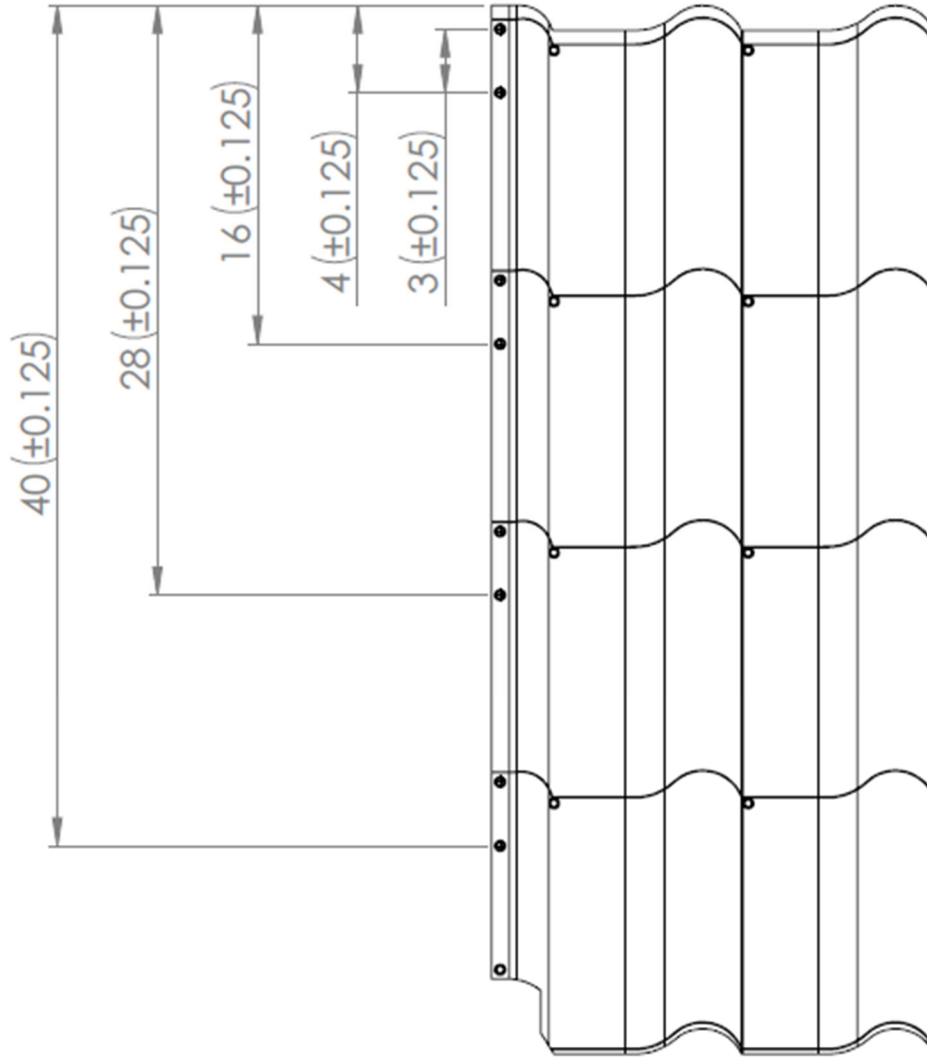
DETAIL DRAWING B

FIELD ATTACHMENT



DETAIL DRAWING C

PERIMETER & CORNER ATTACHMENT



END OF THIS ACCEPTANCE

