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

NOTICE OF ACCEPTANCE (NOA)

Owens Corning Roofing and Asphalt, LLC
One Owens Corning Parkway
Toledo, OH 43659

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: **Titanium® UDL25, Titanium® UDL30, Titanium® UDL50, Titanium® X30, Titanium® PSU30, Titanium® FR, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Tri-Built, ABC Pro Guard 20, Reliabilt Synthetic Underlayment, and SRS TopShield TS20 Underlayments**

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 No. 23-1102.02 and consists of pages 1 through 8.
The submitted documentation was reviewed by Jorge L. Acebo.

09/11/25

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: Polypropylene, SBS

SCOPE:

This acceptance is for **Titanium® UDL25, Titanium® UDL30, Titanium® UDL50, Titanium® X30, Titanium® PSU30, Titanium® FR, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Tri-Built, ABC Pro Guard 20, Reliabilt Synthetic Underlayment, and SRS TopShield TS20 Underlayments** as described in this Notice of Acceptance, for use with approved prepared roof assemblies where ASTM D8257 (Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, Titanium® UDL25, ABC Pro Guard 20, Tri-Built, SRS TopShield TS20, Reliabilt Synthetic Underlayment), ASTM D1970 (RhinoRoof® Granulated and Titanium® PSU30 only) or TAS 103 (Titanium® FR only) underlayment is specified and installed with prescribed approved fasteners and fastener densities, and designed and manufactured to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

PRODUCT DESCRIPTION:

Product	Dimensions	Test Specification	Product Description
Titanium® UDL25 *Manufacturing Location #***1**	48” x 250’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium® UDL-30 *Manufacturing Location* **#1**	48” x 250’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium® UDL-50 *Manufacturing Location* **#1**	48” x 250’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
RhinoRoof® U20 *Manufacturing Location #***1**	42” x 286’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
RhinoRoof® U10 *Manufacturing Location* **#1**	42” x 286’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
RhinoRoof® Granulated *Manufacturing Location* **#2**	36”x65’ rolls	ASTM D1970	SBS self-adhering modified asphalt underlayment sheet material with a surfacing of opaque granules; for use as an underlayment in sloped roof assemblies.
ABC Pro Guard 20 *Manufacturing Location* **#1**	42” x 286’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.

PRODUCT DESCRIPTION: (CONTINUED)

Product	Dimensions	Test Specification	Product Description
Tri-Built *Manufacturing Location* **#1**	42” x 286’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
SRS TopShield TS20 *Manufacturing Location* **#1**	42” x 286’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Reliabilt Synthetic Underlaymnet *Manufacturing Location* **#1**	42” x 286’ rolls	ASTM D8257	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium® PSU30 *Manufacturing Location #***3**	36”x72’ rolls	ASTM D1970	Unreinforced polymer modified bitumen material adhered to the underside of a reinforced, polymer-coated, synthetic woven sheet. The underside is backed with a release film.
Titanium® FR *Manufacturing Location #***3**	36”x50’ rolls	TAS 103 ASTM D1970	Reinforced, polymer-coated, synthetic woven sheet adhered over reinforced polymer modified bitumen compound adhered to the underside of a reinforced, polymer-coated, synthetic woven sheet. The underside is backed with a release film.
Titanium® X30 *Manufacturing Location* **#1**	48”x250’ Rolls	ASTM D8257	Woven synthetic polymer underlayment comprised of a non-woven polypropylene top scrim laminated to a central non-woven polypropylene scrim with polymeric coating on the bottom side.

MANUFACTURING LOCATIONS:

1. ML2
2. ML4
3. ML5

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
PRI Construction Materials Technologies, LLC	1378T0101	ASTM D1970	09/17/20
	1378T0253.2	ASTM D8257	12/14/23
	1378T0257.2	ASTM D8257	12/14/23
	1378T0286.1	ASTM D1970	10/21/22
	1378T0307	TAS 103	02/03/23
	1378T0138.1	ASTM D8257	11/22/22
	1378T0315.1	ASTM D8257	12/14/23
	1378T0312.1	ASTM D1970	01/11/23
	1378T0273	ASTM D8257	10/26/22
	1378T0324.1	ASTM D8257	12/14/23
	1378T0308.1	UL1897	01/30/24
	1378T0373	UL1897	02/06/24
	1378T0423D	ASTM D8257	05/07/24

APPROVED ASSEMBLIES:

Deck Type 1:	Wood, non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood or wood plank
System E(1):	Anchor/Base sheet mechanically fastened to deck.
Base sheet:	One or more plies of ASTM D8257 underlayment (Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, Titanium® UDL25, ABC Pro Guard 20, Tri-Built, SRS TopShield TS20, Reliabilt Synthetic Underlayment) with min. 4" laps, in accordance with Section 1518.2.1 Option 2 and Table 1518.2.1, mechanically fastened as noted below.
Fastening:	Miami-Dade approved nails & metal/tin caps spaced 6"o.c. at the 4" side laps and staggered rows in a 12"o.c. grid pattern in the field of the sheet.
Membrane: (Optional)	One or more plies of Titanium® FR, Titanium® PSU30 or RhinoRoof® Granulated self-adhered, with 3" horizontal laps and minimum 6" vertical laps with slopes ≥ 3:12 back nailed with 12 gage ring shank roofing nails @ 12" o.c. Place the first course of Titanium® FR, Titanium® PSU30 or RhinoRoof® Granulated parallel to the eave, using a heavy pressure roller under safe conditions to further secure the membrane.
Roof Covering:	Titanium® PSU30 underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate roof assemblies. RhinoRoof® Granulated is approved for asphalt shingles, and wood shakes & shingles. Titanium® FR underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate. **Tile Roofing is not an approved roof covering for use with this assembly.** (See Installation Specifications and Limitations)

Deck Type 1:	Wood, non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood or wood plank
System E(2):	Anchor/Base sheet mechanically fastened to deck.
Base sheet:	Two plies of Reliabilt Synthetic Underlayment installed in accordance with Section 1518.2.1 Option 3 and Table 1518.2.1, mechanically fastened as noted below.
Fastening:	Miami-Dade approved nails & metal/tin caps spaced 6"o.c. at the 4" side laps and staggered rows in a 12"o.c. grid pattern in the field of the sheet.
Membrane: (Optional)	One or more plies of Titanium® FR, Titanium® PSU30 or RhinoRoof® Granulated self-adhered, with 3" horizontal laps and minimum 6" vertical laps with slopes ≥ 3:12 back nailed with 12 gage ring shank roofing nails @ 12" o.c. Place the first course of Titanium® FR, Titanium® PSU30 or RhinoRoof® Granulated parallel to the eave, using a heavy pressure roller under safe conditions to further secure the membrane.
Roof Coverings:	Titanium® PSU30 underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate roof assemblies. RhinoRoof® Granulated is approved for asphalt shingles, and wood shakes & shingles. Titanium® FR underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate. **Tile Roofing is not an approved roof covering for use with this assembly.** (See Installation Specifications and Limitations)

APPROVED ASSEMBLIES: (CONTINUED)

Deck Type 1:	Wood, non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood or wood plank
System E(3):	Existing self-adhered membrane adhered directly to deck.
Membrane:	Any existing self-adhered membrane adhered directly to the roof deck that cannot be removed.
Ply Sheet:	One or more plies of Reliabilt Synthetic Underlayment installed in accordance with Section 1518.2.1 Option 2 and Table 1518.2.1, mechanically fastened as noted below.
Fastening:	Miami-Dade approved nails & metal/tin caps spaced 6"o.c. at the 4" side laps and staggered rows in a 12"o.c. grid pattern in the field of the sheet.
Roof Coverings:	Asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate roof assemblies. Reliabilt Synthetic Underlayment is approved for asphalt shingles, and wood shakes & shingles, metal roofing, wood shakes & shingles, and quarry slate. **Tile Roofing is Not an approved roof covering for use with this assembly.** (See Installation Specifications and Limitations)

Deck Type 1:	Wood, non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood or wood plank
System F(1):	Membrane self-adhered directly to deck.
Membrane:	One or more plies of Titanium® FR, Titanium® PSU30 or RhinoRoof® Granulated self-adhered, with 3" horizontal laps and minimum 6" vertical laps with slopes ≥ 3:12 back nailed with 12 gage ring shank roofing nails @ 12" o.c. Place the first course of Titanium® FR, Titanium® PSU30 underlayment parallel to the eave using a heavy pressure roller under safe conditions to further secure the membrane.
Roof Covering:	Titanium® PSU30 underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate roof assemblies. RhinoRoof® Granulated is approved for asphalt shingles, and wood shakes & shingles. Titanium® FR underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles and quarry slate. **Tile Roofing is not an approved roof covering for use with this assembly.** (See Installation Specifications and Limitations)

APPROVED ASSEMBLIES: (CONTINUED)

Deck Type 1: Wood, non-insulated

Deck Description: 19/32" APA rated, 40/20 span rating, CDX, 4-ply or greater plywood or wood plank fastened with 2-3/8" ring shank nails spaced 4" o.c. at panel edges and intermediate framing members that are spaced at max. 24" o.c.

System F(2): Membrane self-adhered directly to deck.

Membrane: One or more plies of Titanium® PSU30 self-adhered, with 3" horizontal laps and minimum 6" vertical laps with slopes ≥ 3:12 back nailed with 12 gage ring shank roofing nails @ 12" o.c. Place the first course of Titanium® PSU30 underlayment parallel to the eave using a heavy pressure roller under safe conditions to further secure the membrane.

Roof Covering: Titanium® PSU30 underlayment is approved for asphalt shingles, metal roofing, wood shakes & shingles, and quarry slate roof assemblies.
Tile Roofing is not an approved roof covering for use with this assembly.
(See Installation Specifications and Limitations)

Underlayment Uplift Design Pressure: -75 psf.*

***Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system.**

Deck Type 1: Wood, non-insulated

Deck Description: 19/32" APA rated, 40/20 span rating, CDX, 4-ply or greater plywood or wood plank fastened with 2-1/2" #8 Quick Drive Screws spaced 6" o.c. at panel edges and intermediate framing members that are spaced at max. 24" o.c.

System F(3): Membrane self-adhered directly to deck.

Membrane: One or more plies of Titanium® FR self-adhered, with 3" horizontal laps and minimum 6" vertical laps with slopes ≥ 3:12 back nailed with 12 gage ring shank roofing nails @ 12" o.c. Place the first course of Titanium® FR underlayment parallel to the eave using a heavy pressure roller under safe conditions to further secure the membrane.

Roof Covering: Titanium® FR is approved for use with mechanically fastened tile.
Adhered Tile Roofing is not an approved roof covering for use with this assembly.
(See Installation Specifications and Limitations)

Underlayment Uplift Design Pressure: -187.5 psf.*

***Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system.**

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 material.

INSTALLATION SPECIFICATIONS:

1. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** Titanium® FR, and Titanium® PSU30 Underlayments shall be installed in strict compliance with applicable Building Code.
2. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, Reliabilt Synthetic Underlayment**,** and SRS TopShield TS20 underlayments shall be installed with a minimum 4-inch side lap in a shingle layer fashion. Titanium® PSU30 and Titanium® FR shall be installed with a 3-inch side lap in a shingle layer fashion.
3. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, Reliabilt Synthetic Underlayment**,** and SRS TopShield TS20 underlayments shall be fastened with Miami-Dade approved corrosion resistant tin-caps and minimum 12 gauge 1 ¼" annular ring-shank nails, spaced 6" o.c. at all laps and staggered rows fastened 12" o.c. in a grid pattern in the field of the roll.
4. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, Reliabilt Synthetic Underlayment**,** and SRS TopShield TS20 underlayments may be used with Asphaltic shingles, Wood shakes and shingles, Non-structural metal roofing, and quarry slate. Titanium® X30, Titanium® PSU30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, and SRS TopShield TS20 Synthetic Underlayments shall not be used as roof tile underlayments.
5. For fire classification of specific roof assemblies using Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, Reliabilt Synthetic Underlayment**,** SRS TopShield TS20, Titanium® FR, and Titanium® PSU30 Underlayments, refer to a current Approved Roofing Materials Directory for fire classification(s) of this product.

LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire classification(s) of this product.
2. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code.
3. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, Reliabilt Synthetic Underlayment**,** SRS TopShield TS20, Titanium® FR, and Titanium® PSU30 underlayments shall be applied to a smooth, clean and dry surface with deck free of irregularities. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose decking panels. Sweep the deck thoroughly to remove any dust and debris prior to application.
4. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** Titanium® FR, and Titanium® PSU30 underlayments shall not be hot mopped. Refer to manufacturer's published literature for product compatibility.
5. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** Titanium® FR, and Titanium® PSU30 underlayments shall not be applied over an existing roof membrane as a recover system.

LIMITATIONS:

6. RhinoRoof® U10, RhinoRoof® U20, ABC Pro Guard 20, TriBuilt, Reliabilt Synthetic Underlayment**,** and SRS TopShield TS20 underlayments shall not be left exposed as a temporary roof for longer than 90 days after application. Titanium® X30, Titanium® UDL25, Titanium® UDL30, Titanium® UDL50, Titanium® FR, and Titanium® PSU30 self-adhering underlayment shall not be left exposed as a temporary roof for longer than 180 days after application. RhinoRoof® Granulated self-adhering underlayment shall not be left exposed as a temporary roof for longer than 30 days after application.

7. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** Titanium® FR, and Titanium® PSU30 underlayments are components used in roof system assemblies. Roof system assemblies are approved under a specific Notice of Acceptance. Refer to Prepared Roofing System Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products.

8. When loading roof tiles on Titanium® FR underlayment for (direct-to-deck) tile assemblies, the stack of maximum 10 tiles shall be at a maximum roof slope of 6 in.:12 in. This tile loading slope limitations can be exceeded only by using battens in accordance with the Approved Tile System Notice of Acceptance and applicable Florida Building Code requirements. When battens are required, they shall be utilized during loading and installation of tiles.

9. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** and Titanium® PSU30 underlayments may be used with any approved roof covering Notice of Acceptance listing Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** Titanium® FR, and Titanium® PSU30 underlayments as a component part of an assembly in the Notice of Acceptance. If Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, Reliabilt Synthetic Underlayment**,** Titanium® UDL25, and Titanium® PSU30 underlayments are not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.

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

MIAMI-DADE COUNTY APPROVED

11. 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.

END OF THIS ACCEPTANCE