



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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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, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, RhinoRoof® Metal, Tri-Built, ABC Pro Guard 20, 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. 19-0904.01 and consists of pages 1 through 6.
The submitted documentation was reviewed by *Freddy Semino*



NOA No.: 20-0818.08
Expiration Date: 08/08/23
Approval Date: 02/25/21
Page 1 of 6

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: Polypropylene

SCOPE:

This acceptance is for **Titanium® UDL25, Titanium® UDL30, Titanium® UDL50, Titanium® X30, Titanium® PSU30, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, RhinoRoof® Metal, Tri-Built, ABC Pro Guard 20, and SRS TopShield TS20 Underlayments** as described in this Notice of Acceptance, for use with approved prepared roof assemblies where ASTM D226 Type II (Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof U10, RhinoRoof® U20, Titanium® UDL25, ABC Pro Guard 20, Tri-Built, SRS TopShield TS20) or ASTM D1970 (RhinoRoof® Granulated, RhinoRoof® Metal, and Titanium® PSU30 only) underlayment is specified and installed with prescribed approved fasteners and fastener densities. Designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code

PRODUCT DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Titanium UDL25 <i>Manufacturing Location #1</i>	48" x 250' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium® UDL-30 <i>Manufacturing Location #1</i>	48" x 250' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium® UDL-50 <i>Manufacturing Location #1</i>	48" x 250' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
RhinoRoof U20 <i>Manufacturing Location #1,2</i>	42" x 286' rolls	ASTM D226 Type I and II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
RhinoRoof U10 <i>Manufacturing Location #1,2</i>	42" x 286' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
RhinoRoof Granulated <i>Manufacturing Location #3,4</i>	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.
RhinoRoof Metal <i>Manufacturing Location #3</i>	36"x71.3" rolls	ASTM D1970	SBS self-adhering asphalt sheet material with a film facer; for use as an underlayment in sloped roof assemblies



PRODUCT DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
ABC Pro Guard 20 <i>Manufacturing Location #1,#2</i>	42" x 286' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Tri-Built <i>Manufacturing Location #1,#2</i>	42" x 286' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
SRS TopShield TS20 <i>Manufacturing Location #1,#2</i>	42" x 286' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium PSU30 <i>Manufacturing Location #3</i>	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 X30 <i>Manufacturing Location #1</i>	48"x250' Rolls	ASTM D226 Type II	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. ML1
2. ML2
3. ML3
4. ML4



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Intertek Testing Services	3118010COQ-003	ASTM D226	02/20/08
	3130639COQ-002A	ASTM D226	02/20/08
	100539395COQ-006	ASTM D226	06/02/14
PRI Construction Materials Technologies, LLC	101863861COQ-001A	ASTM D226	10/28/14
	101823107COQ-011	ASTM D226	12/09/14
	OCF-332-02-01	ASTM D226	05/07/19
	OCF-334-02-01	ASTM D226	05/07/19
	OCF-331-02-01	ASTM D226	05/07/19
	OCF-341-02-01	ASTM D1970	11/28/17
	OCF-392-02-02	ASTM D226	08/28/18
	OCF-393-02-02	ASTM D226	08/28/18
	OCF-394-02-02	ASTM D226	04/15/19
	OCF-395-02-02	ASTM D226	04/15/19
	OCF-282-02-03	ASTM D1970	02/19/18
	OCF-293-02-02	ASTM D1970	12/28/17
	OCF-394-02-07	ASTM D226	04/15/19
	OCF-394-02-02.2	ASTM D226	07/29/19
	OCF-464-02-02	ASTM D226/TAS 110	12/10/19
1378T0059-.2	ASTM D226	08/11/20	
1378T0100	ASTM D1970	09/17/20	

APPROVED ASSEMBLIES:

- Deck Type 1:** Wood
- Deck Description:** 19/32" or greater plywood or wood plank
- System E (1):** Base sheet mechanically fastened to deck, subsequent cap membrane self- adhered.

All General and System Limitations shall apply.

- Base sheet:** One or more plies of ASTM D226, Type II or ASTM D2626 applied with minimum 4" side laps and minimum 6" vertical laps and mechanically fastened as noted below.
- Fastening:** Miami-Dade approved nails & metal/tin caps spaced 6"o.c. at the 4" side laps and two staggered rows 12"o.c. in the field of the sheet.
- Membrane:** One or more plies of Titanium® PSU-30 or RhinoRoof® Metal, self-adhered, with 3" horizontal laps and minimum 6" vertical laps. Place the first course of Titanium® PSU-30 parallel to the eave, using a heavy pressure roller under safe conditions to further secure the membrane.
- Surfacing:** Titanium® PSU-30 or RhinoRoof® Metal underlayments are 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.



INSTALLATION SPECIFICATIONS:

1. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 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, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, and SRS TopShield TS20 underlayments shall be installed with a minimum 4-inch side lap in a shingle layer fashion. Titanium® PSU30 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, and SRS TopShield TS20 underlayments shall be fastened with Miami-Dade approved corrosion resistant tin-caps and 12 gauge 1 ¼” annular ring-shank nails, spaced 6” o.c. at all laps and three staggered rows fastened 12” o.c. in the field of the roll.
4. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, 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, RhinoRoof® Metal, 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, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 and Titanium® PSU30 Underlayments, refer to a current Approved Roofing Materials Directory for fire ratings of this product.

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.

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. 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, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 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.

LIMITATIONS:

4. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 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, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 and Titanium® PSU30 underlayments shall not be applied over an existing roof membrane as a recover system.
6. RhinoRoof® U10, RhinoRoof® U20, ABC Pro Guard 20, and SRS TopShield TS20 underlayments shall not be left exposed as a temporary roof for longer than 60 days after application. Titanium® X30, Titanium® UDL25, Titanium® UDL30, Titanium® UDL50, and Titanium® PSU30 self-adhering underlayment shall not be left exposed as a temporary roof for longer than 180 days after application. RhinoRoof® Metal self-adhering underlayment shall not be left exposed as a temporary roof for longer than 90 days after application. TriBuilt and 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, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 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. Titanium® X30, Titanium® UDL30, Titanium® UDL50, RhinoRoof® U10, RhinoRoof® U20, RhinoRoof® Granulated, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 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, RhinoRoof® Metal, Titanium® UDL25, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20 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, RhinoRoof® Metal, TriBuilt, ABC Pro Guard 20, SRS TopShield TS20, 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.
9. 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.



10. 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

