MIAMI-DADE COUNTY

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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NOTICE OF ACCEPTANCE (NOA)

Interwrap, Inc.
32923 Mission Way
Mission, BC, Canada V2V-6E4

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 PERA - 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. PERA 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-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic 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. 10-0526.01 and consists of pages 1 through 4.
The submitted documentation was reviewed by Jorge L. Acebo.

MIAMI-DADE COUNTY APPROVED

NOA No.: 11-0509.01
Expiration Date: 08/08/13
Approval Date: 12/08/11

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: Polypropylene

SCOPE:

This acceptance is for **Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic Underlayments,** as described in this Notice of Acceptance, for use with approved prepared roof assemblies where ASTM D226 Type II underlayment is specified and installed with prescribed approved fasteners and fastener densities.

PRODUCT DESCRIPTION:

Product	Dimensions	Test Specification	Product Description
Titanium-UDL™ 25 PLUS *Manufacturing Location* **#1 & #3**	48" x 250' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with one side coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
Titanium-UDL™ 30 *Manufacturing Location* **#1& #3**	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 *Manufacturing Location* **#1& #3**	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.
UDL™ TT *Manufacturing Location* **#1**	48" x 250' rolls	ASTM D226 Type I & II	Woven synthetic polymer underlayment with one side coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
UDL™ TF *Manufacturing Location* **#1**	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.
UDL-TTMC-300 *Manufacturing Location* **#2**	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.

MANUFACTURING LOCATIONS:

1. ML1
2. ML2
3. ML3

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Intertek Testing Services	#3031783	TAS 104	02/19/03
	3119607COQ-003B	ICC-ES AC48	02/20/08
	3124826-01	ASTM E108	02/19/08
	3124826MID-007	ASTM E108	02/25/08
	3118010COQ-003	ASTM D226	02/20/08
	3130639COQ-002A	ASTM D226	02/20/08
	3146738COQ-003A	ASTM D226	06/20/11
	3146738COQ-003B	ASTM D 1876/ TAS 117	03/28/08
Trinity | ERD	I15010.05.10	ASTM D4798 / D226	05/14/10
	I38010.08.11	ASTM D226	08/11/11
	I35520.08.11	ASTM D2523 / D1781	08/17/11

INSTALLATION SPECIFICATIONS:
Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF

1. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF Synthetic Underlayments shall be installed in strict compliance with applicable Building Code.
2. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF Synthetic Underlayments shall be installed with a minimum 4-inch head lap in a shingle layer fashion.
3. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF Synthetic 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-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF Synthetic Underlayments may be used with Asphaltic shingles, Wood shakes and shingles, Non-structural metal roofing, and quarry slate. Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF Synthetic Underlayments shall not be used as roof tile underlayments.
5. For Roof Tile applications; Titanium-UDL™ 25 PLUS may be used as an anchor sheet in roof tile applications when used in combination with a top membrane layer, consisting of a Miami-Dade approved TAS 103 self-adhering underlayment. (See current NOA listing of approved TAS 103 self-adhering underlayment for installation guidelines and limitations of use).
6. For fire classification of specific roof assemblies using Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL-TTMC-300, UDL™ TT & UDL™ TF Synthetic 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-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic 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-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic Underlayments shall not be hot mopped, refer to manufacturer's published literature for product compatibility.
5. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic Underlayments shall not be applied over an existing roof membrane as a recover system.
6. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT & UDL™ TF Synthetic Underlayments shall not be left exposed as a temporary roof for longer than 30 days of application.
7. UDL-TTMC-300 Synthetic Underlayment shall not be left exposed as a temporary roof for longer than 180 days of application.
8. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic 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.
9. Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic Underlayments may be used with any approved roof covering Notice of Acceptance listing Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic Underlayments as a component part of an assembly in the Notice of Acceptance. If Titanium-UDL™ 25 PLUS, Titanium-UDL™ 30, Titanium-UDL™ 50, UDL™ TT, UDL™ TF & UDL-TTMC-300 Synthetic 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

END OF THIS ACCEPTANCE