



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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**Polytuff Systems International**  
14722 Spring Ave.  
Santa Fe Springs, CA 90670

**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: Flexideck C-WD Waterproofing System**

**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 consists of pages 1 through 4.

The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 11-0118.02  
Expiration Date: 03/06/19  
Approval Date: 03/06/14  
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## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Waterproofing  
**Deck Type:** Concrete  
**Material:** Elastomeric  
**Maximum Design Pressure:** -502.5 psf.

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Topshield® 5600EF	4.4 gallon kit: contains 5 gallon Side A ½ gallon Side B	ASTM C957	Two-component, rapidly curing, high solids, hybrid aliphatic polyurea elastomeric waterproofing Top coat membrane.
P-Tuff® Classic	1 gallon 5 gallon 55 gallon	ASTM C957	Solvent free, single component, liquid applied, elastomeric, polyurethane, waterproofing Base coat membrane.
Enviro-Grip® EP#1	75 gallon kit	ASTM C957	Two-component, 100% solids, epoxy-poly elastomeric waterproofing Top coat membrane.

### PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Aggregate	N/A	N/A	16-30 mesh clean silica sand which imparts the non-slip texture and contributes to wear resistance.	Generic

### EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
Momentum Technologies, Inc.	PX22F1A	ASMT C957	09/19/11
Atlantic & Caribbean Roof Consulting, LLC	ACRC 10-024	TAS 114-D	12/17/10
QAI Laboratories	RJ2044F-2	ASTM E108	04/23/13



## APPROVED ASSEMBLIES

<b>Deck Type 1:</b>	Concrete Decks, Non-Insulated
<b>Deck Description:</b>	Min. 3000 psi concrete
<b>System Type F:</b>	FLEXIDECK™ C-WD Liquid Applied Waterproofing Membrane
<b>Surface Condition:</b>	All surfaces must be free from dirt, grease, oil, dust and other contaminants. New concrete must be cured 14-28 days. Surface preparation and repair requirements should comply with the manufacturer published specification guidelines.
<b>Primer:</b>	Apply onto prepared concrete surface PSI Envirogrip EP#1 primer at a rate of 1 gallon (Mixture of Part A and Part B) per 300 sq.ft. Apply using a brush or phenolic core roller resulting in a minimum coating thickness of 3 dry mils. Allow primer to become tack free, and free of any puddling before applying base coat.
<b>Base Coat:</b>	Apply onto primed concrete surface PSI P-Tuff Classic at a rate of 2½ gallons per 100 sq.ft. Apply using a notched trowel or squeegee resulting in a minimum coating thickness of 32 (± 2) dry mils. Once the base coating begins to slightly gel (or thumb print tacky) but is still wet broadcast 16-30 mesh clean silica sand at a rate of 20 pounds per 100 sq.ft. till refusal. Once base coat is dry, carefully remove all the loose aggregate, preferably by vacuum.
<b>Top Coat:</b>	Apply onto base coat PSI Topshield 5600EF at a rate of 1 gallon per 100 sq.ft. Apply using a notched trowel or squeegee resulting in a minimum coating thickness of 14 (± 2) dry mils. Optional second coating may be applied using the same rate of application and method as the first coat.
<b>Integrity Test:</b>	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water may be maintained for a period longer than 24 hours if required.
<b>Inspection:</b>	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration.
<b>Surfacing</b>	None.
<b>Maximum Design Pressure:</b>	502.5 psf. (See General Limitation #9.)



## GENERAL 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. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Polytuff Systems International and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/ waterproofing and be a Manufacturer Trained 'Qualified Applicator' approved and licensed by Polytuff Systems International. Polytuff Systems International shall supply a list of approved applicators to the authority having jurisdiction.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
8. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



9. The maximum designed pressure limitation listed 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). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
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**

