



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)

Valcon Industries
6321 Porter Road Unit #11
Sarasota, Florida 34240

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: Flexcrete 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 new NOA consists of pages 1 through 4.

The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 17-1206.01
 Expiration Date: 05/17/23
 Approval Date: 05/17/18
 Page 1 of 4

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Deck Type: Concrete
Material: Cementitious Polymer
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>
Flexcrete Polymer	1 gal. (3.7 liter) or 5 gal. (18.9 liter)	Proprietary	Two-component, rapidly curing, high solids, hybrid aliphatic polyurea elastomeric waterproofing Top coat membrane.
Flexcrete Compound	50 lbs. (922.7 kg) black, white or gray Bags	Proprietary	Highly specialized blend of aggregates, cements, graded sands and proprietary additives.
Flexcrete Fiberglass Mesh	Various	Proprietary	A fiberglass mesh utilized for reinforcement as required by jobsite conditions.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
PRI Construction Materials Technologies	VALC-001-02-01 Rev1	Physical Properties TAS 114-D ASTM E 108	05/24/17

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Ceramic Tiles	12" x 12" x 0.25"	ASTM C56 & ANSI A137.1	Ceramic plaza deck walking tiles, 5% water absorption max.	Generic
Marble Paver	12" x 12" x 0.5"	ASTM C902	Marble plaza deck walking pavers.	Generic
Brick Paver	6" x 6" x 0.375"	ASTM C936	High density concrete walking pavers.	Generic
Mortar	Various	ANSI A118.1	A thin-set mortar used to adhere tiles or pavers.	Generic



APPROVED ASSEMBLIES

Deck Type 1:	Concrete Decks, Non-Insulated
Deck Description:	Min. 2500 psi concrete
System Type F:	Waterproofing Membrane
Surface Condition:	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.
Base Coat:	Apply Flexcrete mix with Flexcrete Polymer using a ¾” nap roller in a 0.125” thick coat.
Top Coat:	Apply Flexcrete mix with Flexcrete Polymer using a ¾” nap roller in a 0.125” thick coat. Allow 24 hours to cure.
Integrity Test:	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.
Inspection:	Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.
Overburden (Optional):	Minimum 12” x 12” x 0.25” Ceramic tiles shall be placed over the cured top coat and adhered using ANSI A118.1 mortar installed using a ¼” notched trowel. Overburden shall be allowed to cure for 28 days. Or Minimum 12” x 12” x 0.5” Marble Pavers shall be placed over the cured top coat and adhered using ANSI A118.1 mortar installed using a ¼” notched trowel. Overburden shall be allowed to cure for 28 days. Or Minimum 6” x 6” x 0.375” Brick Pavers shall be placed over the cured top coat and adhered using ANSI A118.1 mortar installed using a ¼” notched trowel. Overburden shall be allowed to cure for 28 days.
Maximum Design Pressure:	-502.5 psf. with No Overburden (See General Limitation #9.) -502.5 psf. with Brick Pavers Overburden (See General Limitation #9.) -480 psf. with Marble Paver Overburden (See General Limitation #9.) -467.5 psf. with Ceramic Tile Overburden (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 from an approved lab 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 Valcon Industries 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 Valcon Industries. Valcon Industries shall supply a list of approved applicators to the authority having jurisdiction.
6. Systems shall not be installed over lightweight insulating concrete.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. 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.
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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
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

