



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**Tremco, Inc.  
3735 Green Road  
Beachwood, OH 44122**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee 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 BCCO (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. BCCO reserves the right to revoke this acceptance, if it is determined by BCCO 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 and the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Vulkem® 350 360NF/950NF/951NF**

**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 5.

The submitted documentation was reviewed by Jorge L. Acebo.



**NOA No.: 08-0723.02  
Expiration Date: 02/10/15  
Approval Date: 02/10/10  
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## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Waterproofing  
**Material:** Polyurethane  
**Maximum Design Pressure:** -465 psf

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

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Vulkem® 350	Available in 5. and 55 gallons	ASTM C 836	One part, self-leveling polyurethane base coat urethane waterproofing membrane.
Vulkem® 360NF	Available in 5 gallon pails	ASTM C 957	Low order, VOC compliant, two part water-cured, rapid setting polyurethane basecoat.
Vulkem® 950 NF	Available in 5 and 55 gallons	ASTM C 957	Two part, sand filled, intermediate coat aromatic polyurethane waterproofing membrane.
Vulkem® 951 NF	Available in 5 and 55 gallons	ASTM C 957	Two part top coat Aliphatic Polyurethane waterproofing membrane coating to provide additional chemical and UV resistance to the coating system.
Vulkem® 227 Sealant	N/A	N/A	Two part, polyurethane sealant for use in sealing cracks, expansion joints, control joints and for use in forming cants.
Dymeric 240 FC	N/A	N/A	Two part, polyurethane sealant for use in sealing cracks, expansion joints, control joints and for use in forming cants.
Vulkem® Primer #171	N/A	N/A	A one part, film forming primer to be used on porous surfaces to improve adhesion and reduce pinholes in the membrane. Also used in expansion joints subject to continuous immersion or subject to water intrusion from hydrostatic conditions.
TREMprime Nonporous Primer	N/A	N/A	A one part, film forming primer for use on metal or nonporous substrates.
Vulkem® #191 or the VOC primer	N/A	N/A	A one part interlaminary primer for use when applying a fresh coat of Vulkem urethane after preceding coat has been exposed for 24 hours or longer and/or has lost its surface tack.
Aggregate	N/A	N/A	20-30 mesh silica sand or alumina oxide, which imparts the non slip texture and contributes to wear resistance as approved by Tremco.



## EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Product Date</u>
Underwriters Laboratories, Inc.	R10845	UL 790	04/15/08
PRI Construction Materials	TRE-035-02-01	ASTM C 957	01/15/09
Technologies, Inc.	TRE-035-02-02REV	ASTM C 957	01/15/09
	TRE-037-02-01	TAS 114-D	11/30/09

## APPROVED APPLICATIONS:

<b>Deck Type 1</b>	Concrete Decks, Terraces, Balconies, Roof Plaza Decks, New & Restoration Construction.
<b>Deck Description:</b>	Min. 2500 psi, structural concrete.
<b>System Types F(1):</b>	Vulkem® 350 or 360NF/951NF
<b>Substrate Preparation:</b>	All surfaces must be dry and clean, free of depressions, spalled areas, honeycombs, or voids. Clean and free of any non-compatible curing compounds, release agents and other surface contaminants. Substrate shall be smooth with a hair broom finish. Preferably water cured.
<b>Primer:</b>	Optional based on manufacturer's recommendation or code requirements.
<b>Base Coat:</b>	Apply 40 wet mils of Vulkem 360NF or Vulkem 350 to the entire area to be coated, including all detail coats, but excluding expansion joints. A higher millage may be applied per the specification or as required per Tremco Sales Representative. Use a V-notched squeegee, followed by back rolling to evenly distribute coating and eliminate pinholes. Base coat shall be allowed to cure a minimum of 6 hours at 70 degrees and 50% relative humidity cured to a firm but tacky rubber.
<b>Top Coat:</b>	Apply one or more coats of Vulkem 951NF with a solvent resistant roller sleeve at a rate of 125 ft <sup>2</sup> /gal to a minimum thickness of 24 wet mils.
<b>Integrity Test:</b>	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required. A water test is required by Tremco's local sales representative; contact them before proceeding with the remainder of the job.
<b>Inspection:</b>	A representative of the membrane manufacturer, or Tremco approved inspection consultant or approved Tremco Distributor Technical Representative shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.
<b>Surfacing:</b>	Structural Concrete Slab, minimum 2500 psi. in compliance with the applicable Building Code.
<b>Maximum Design Pressure:</b>	N/A



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**Deck Type 1** Concrete Decks, Roof Decks, Roof Parking Decks, Parking Decks, New and Restoration Construction

**Deck Description:** Min. 2500 psi, structural concrete.

**System Types F(2):** Vulkem® 350 or 360NF/950NF/951NF

**Substrate Preparation:** All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, release agents and other surface contaminants. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Preferably water cured.

**Primer:** Optional based on manufacturer's recommendation or code requirements.

**Base Coat:** Apply 25 wet mils of Vulkem 350 or 360 NF to the entire area to be coated, including all detail coats, but excluding expansion joints. Use a V-notched squeegee, followed by backrolling to evenly distribute coating and eliminate pinholes. Vulkem 350 can be applied with a roller or by airless spray equipment in accordance with manufacture's published literature. Vulkem 360 NF can be applied with a V-notched squeegee or roller. Base coat shall be allowed to cure overnight.

**Intermediate Coat:** First coat of Vulkem 950NF is applied with a heavy duty roller (1/2" to 3/4" nap) to a minimum thickness of 12 wet mils. Immediately following the application of the Vulkem 950NF, broadcast 20 to 30 mesh silica sand in to wet Vulkem 950NF at a rate of 15-18 lbs per gallon of Vulkem 950NF or flood to refusal. Allow the membrane to cure. Sweep away excess silica after the coating has cured. Repeat the application for a second coat of the Vulkem 950NF if required by Tremco Sales Representative or specification. Allow to cure.

**Top Coat:** Apply Vulkem 951NF with a roller at a rate of 125 ft<sup>2</sup>/gal to a minimum thickness of 12 wet mils. Apply this final coat to the entire coated area.

**Integrity Test:** Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required. A water test is required by Tremco's local sales representative; contact them before proceeding with the remainder of the job.

**Inspection:** A representative of the membrane manufacturer, or Tremco approved inspection consultant or approved Tremco Distributor Technical Representative shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

**Surfacing:** None.

**Maximum Design Pressure:** -465 psf; using Vulkem 350 Base Coat, (See General Limitation #8)  
-390 psf; using Vulkem 360 NF Base Coat, (See General Limitation #8)



## **GENERAL LIMITATIONS:**

1. Required integrity flood testing report shall be provided to the Building Official for review at time of final inspection.
2. Vulkem Systems described herein shall be installed solely by approved applicators familiar with the details and approved by Tremco, Inc., and only with approved equipment.
3. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Tremco, Inc., shall be submitted to the Building Official for review.
4. Tremco, Inc., Vulkem Systems shall not be installed without consultation with Tremco, Inc., if ambient or surface temperature is below 40°F. Do not apply to wet or frozen concrete surface.
5. Tremco, Inc., Vulkem Systems shall not be installed over lightweight insulating concrete or plywood decking.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.
8. 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).
9. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
10. All approved products listed herein shall be labeled in compliance with TAS 121 and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below



**END OF THIS ACCEPTANCE**



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