



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

NOTICE OF ACCEPTANCE (NOA)

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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www.miamidade.gov/economy

Freedom Chemical Corporation
19685 Descartes
Foothill Ranch, CA 92610

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: Guardian-PD 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.



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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Deck Type: Concrete
Material: Plural Component Spray Polyurea
Maximum Design Pressure: N/A.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
FreedomTuff® 2214 (FT-2214)	55 Gallon drums each Part A and Part B	ASTM C836	A two-component, rapidly curing, 100 % solids, hybrid aromatic polyurea elastomeric waterproofing top coat membrane. To be applied and used within 6 months of manufacturing date.
FreedomTuff® 6160 (FT-6160)	3 Gallon Kit: 2 Gallons Part A 1 Gallon Part B	Proprietary	A Solvent free, two-component, liquid applied, epoxy primer.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
PRI Construction Materials Technologies LLC.	2444T0003	Physical Properties ASTM C836	08/01/22
	2444T0002/		10/05/22
	2444T0005		



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APPROVED ASSEMBLIES

Deck Type 1:	Concrete Decks, Non-Insulated
Deck Description:	Min. 3000 psi, concrete, dual slab construction
System Type F:	Guardian-PD Liquid Applied 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.
Primer:	Apply onto prepared concrete surface FreedomTuff® (FT-6160) primer at a rate of 0.5 gallon per 100 sq.ft. Apply using a brush or phenolic core roller resulting in a minimum coating thickness of 8 dry mils. Allow primer to become tack free, and free of any puddling before applying top coat.
Base Coat:	NA
Top Coat:	Apply onto primer FreedomTuff® 2214 (FT-2214)* at a rate of 6 gallon per 100 sq.ft. Apply using a high-pressure plural component machine with minimum 2500 psi static pressure resulting in a minimum coating thickness of 96 (± 8) dry mils. * To be applied and used within 6 months of manufacturing date.
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. Test the entire surface of the protective liner by spark testing at 100 volts per dry mil of lining thickness as per NACE Standard RPO 18B or ASTM D-4787 (concrete).
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. In the case of leak free warranties 3 rd party inspection hired by the project owner is required by the manufacture.
Surfacing	Structural Concrete Slab, minimum 3000 psi, in compliance with applicable Building Code.
Maximum Design Pressure:	N/A



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 Freedom Chemical 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 Freedom Chemical. Freedom Chemical 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.
- A black oval seal with the text "MIAMI-DADE COUNTY" in white, bold, uppercase letters on the top line and "APPROVED" in white, bold, uppercase letters on the bottom line.
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.
 11. FreedomTuff® 2214 (FT-2214) shall be applied and used within 6 months of manufacturing date.

END OF THIS ACCEPTANCE



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