



NEMO EVALUATIONS REPORT

Report No.: NER-GRT-001.A
Revision 0: 2026-10-13
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Greenrise Technologies

FL48492

Nemo|cert.

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INSPECT

CERTIFY

EVALUATE

VALIDATE

QUALIFY

NEMO EVALUATION REPORT (NER)



Greenrise Technologies

1500 Medical Center Pkwy
Murfreesboro, TN 37129
(629) 230-2150

SUBJECT: Greenrise Technologies Pedestal Systems over Tremco Waterproofing Systems

SCOPE: This NEMO Evaluation Report (henceforth 'NER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing Product Approval of construction materials in the State of Florida and ISO/IEC 17065 via [NEMO|cert.](#) NEMO Evaluations has evaluated the product described herein for compliance with the [Code sections noted herein](#).

CODE: 2026 Florida Building Code, 9th Edition

JURISDICTION: Non-HVHZ and HVHZ

NEMO CATEGORY: Flooring

FBC CATEGORY: Roofing

FBC SUB-CATEGORY: Roofing Accessories that are an Integral Part of the Roofing System

CSI DIVISION: N/A

METHOD: Method 1, Option C – Codified Material, Evaluation by Evaluation Entity

COMPLIANCE STATEMENT: Greenrise Technologies Pedestal Systems, as produced by Greenrise Technologies, have demonstrated compliance with the [Code sections noted herein](#) through testing in accordance with the referenced Standards, rational analysis and an ongoing quality assurance program. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

QUALITY ASSURANCE: Evidence of current quality assurance shall be listing and/or labeling in accordance with the requirements of [NEMO|cert.](#)

PACKAGING AND IDENTIFICATION: Reference is made to [FBC 3115.2.5](#)

CONTINUED COMPLIANCE: This NER is valid until such time the named product(s) change, the referenced Quality Assurance changes, or the evaluated Code provisions change. NEMO Evaluations requires, at minimum, a complete review of this NER with each 3-year Code Cycle.

BUILDING PERMIT REQUIREMENTS: As required by the Building Official or Authority Having Jurisdiction to evaluate the installation of this product.

ADVERTISEMENT: "NEMO Evaluated" may be displayed in advertising literature. If any portion of the NER is displayed, it shall be displayed in its entirety.

CERTIFICATION OF INDEPENDENCE:

- ✓ NEMO CERT, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
- ✓ NEMO CERT, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- ✓ This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance.

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[LINK TO TOP OF ATTACHMENT REQUIREMENTS](#)



ISO/IEC 17065



PCA-145



ISO/IEC 17020



AA-779

1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2026 Florida Building Code, 9 th Edition	3115.1.1	Attached Exterior Elevated Flooring Systems	
	3115.2.4 / 2615.2	Tensile Properties	ASTM D638
	3115.2.4 / 2615.2	Accelerated Weathering	ASTM G155
	M-D Checklist #0445	Rate of Burning	ASTM D635
	M-D Checklist #0445	Self-Ignition Temperature	ASTM D1929
	M-D Checklist #0445	Density of Smoke	ASTM D2843
	TAS 110	Wind resistance	TAS 114, Appendix D

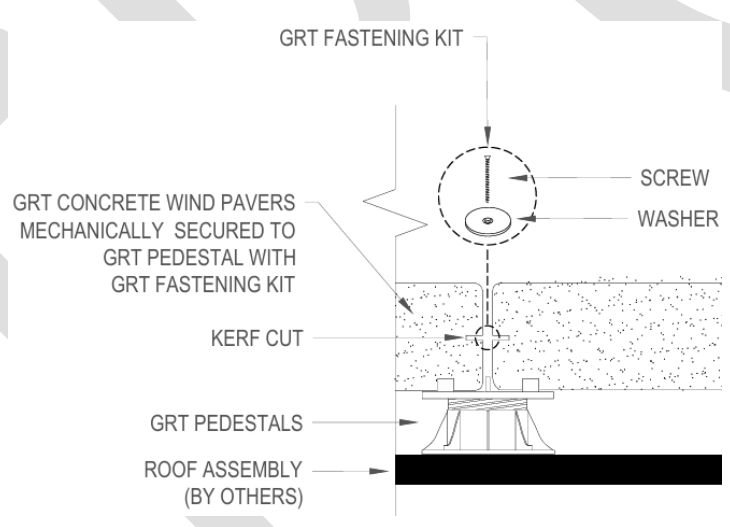
2. PRODUCTS:

TABLE 1: EVALUATED COMPONENTS

(Contact contact@nemocert.com for production location(s) of non-Certified products)

GRT CONCRETE PAVER SYSTEM FOR WIND UPLIFT, CONSISTING OF:

TRADE NAME	DESCRIPTION
Greenrise Concrete Paver	Min. 8,000 psi concrete walking pavers designed with a kerf at corners to receive washer from the GRT Fastening Kit.
3M™ Scotch-Weld™	Adhesive to bond GRT Pedestal Base to waterproofing top surface.
GRT Fastening Kit	A #9 x 2.5-inch, ASTM A240, Type A305, stainless steel screw with a 1/8-inch thick x 2.5-inch diameter, Type 305 stainless steel washer. Refer to assembly listings as to which washer(s) to install.

GRT Pedestal with GRT Fastening Kit		
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ISO/IEC 17065



ACCREDITED
Product Certification
Agency

PCA-145

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TABLE 1: EVALUATED COMPONENTS

(Contact contact@nemocert.com for production location(s) of non-Certified products)

GRT PORCELAIN PAVER SYSTEM FOR WIND UPLIFT, CONSISTING OF:

TRADE NAME	DESCRIPTION
Greenrise Porcelain Paver	Min. 0.43 psi, nominal 0.75-inch, porcelain walking pavers.
3M™ 550 Adhesive	Adhesive to bond porcelain paver to GRT Structural Grate.
GRT Structural Grate	23.5 x 23.5-inch x 1.15-inch thick molded plastic resin grate designed to be secured to the GRT Pedestal.
3M™ Scotch-Weld™	Adhesive to bond GRT Pedestal Base to waterproofing top surface.
GRT Fastening Kit	A #9 x 2.5-inch, ASTM A240, Type A305, stainless steel screw with a 1/8-inch x 2.5-inch diameter, Type 305 stainless steel washer. Refer to assembly listings as to which washer(s) to install.

GRT Pedestal with
GRT Fastening Kit

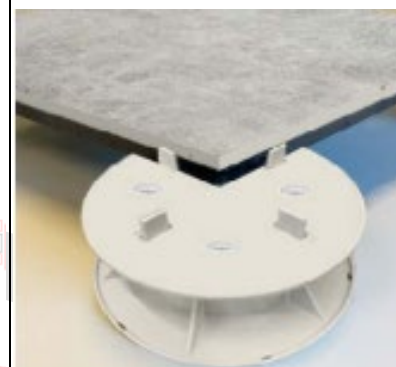
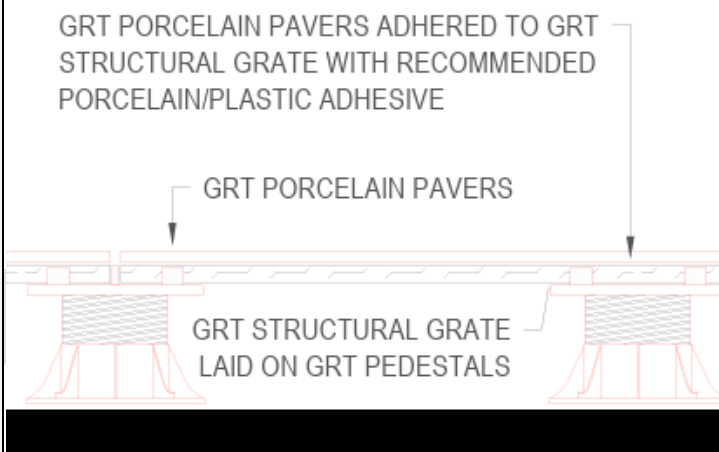


TABLE 2: COMPONENTS BY OTHERS (4.1.3)

(Refer to [NOA](#) if listed version was superseded to ensure use of latest version)

TYPE	PRODUCT	BY	FBC	NOA
MEMBRANE (LIQUID-APPLIED):	PUMA BC	Tremco	FL16129	N/A
	PUMA TC	Tremco	FL16129	N/A
	TREMproof 6100	Tremco	FL16129	26-0302.09
PROTECTION SHEET:	POWERply Standard White Granular	Tremco	FL16129	26-0302.09
PRIMER:	PUMA primer	Tremco	FL16129	N/A
	TREMprime QD Low-Odor Primer	Tremco	FL16129	26-0302.09

3. INSTALLATION:

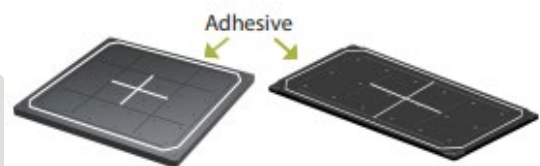
3.1 **Greenrise Technologies Pedestal Systems over Tremco Waterproofing Systems** shall be installed in accordance with **Greenrise Technologies** published installation instructions, subject to the [Limitations of Use](#) noted herein and specifics noted below.

3.1.1 Greenrise Technologies As-Tested Specifics:

(a) Unless otherwise noted, the GRT Pedestal is fully adhered to the waterproofing top-surface using 3M™ Scotch-Weld™ DP6330NS applied at 1.35 fl. oz. per base.



(b) Unless otherwise noted, GRT Porcelain Pavers are partially adhered atop GRT Structural Grates using 3M™ 550 adhesive in ½-inch diameter bead applied ¾-inch from the edge and around the perimeter of the Grate and in a cross pattern in the center of the Grate.



3.1.2 Waterproofing:

(a) Waterproofing shall be installed in accordance with the requirements of the waterproofing manufacturer and the associated [Florida Product Approval](#) or [NOA](#), subject to the limitations herein.

(b) Unless otherwise noted, refer to the following for application rates.

TABLE 3: WATERPROOFING APPLICATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			BASE COAT	REINFORCEMENT	TOP COAT
Tremco PUMA Waterproofing System	Waterproofing	Cold fluid-applied, PUMA membrane	PUMA BC at 20 ft ² /gal (80-wet-mils)	N/A	PUMA TC at 80 ft ² /gal (20-wet-mils)
Tremco TREMproof 6100 Waterproofing System	Waterproofing	Hot applied, rubberized asphalt membrane	TREMproof 6100 at min. 90-wet-mils	Tremco REEMAY #2014 fabric	TREMproof 6100 at min. 125-wet-mils

(c) Bearing capacity and drainage of the waterproofing system shall comply with [FBC 3115.5](#).

(d) The Authority Having Jurisdiction may require integrity flood testing (ASTM D5957) or Electric Field Vector Mapping tests of all waterproofing systems prior to placement of overburden materials. Testing, if required by the Authority Having Jurisdiction, should be conducted by a qualified testing agency or professional.



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4. LIMITATIONS OF USE:

4.1 General:

4.1.1 This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance. NERs are not to be construed as representing any attributes not specifically listed, nor are NERs to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by NEMO CERT, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.

4.1.2 This NER pertains to paver/pedestal overburden components as an Attached Exterior Elevated Flooring System per [FBC 3115.1.1](#).

(a) Structural members and roof decks shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.

4.1.3 Products listed in [Rule 61G20-3, F.A.C.](#), shall be manufactured under a quality assurance program audited by an approved quality assurance entity. For components listed herein that are produced by a manufacturer other than the report holder on [Page 1](#) of this NER, refer to the [Florida Product Approval](#) or [NOA](#) of the component manufacturer.

4.2 Jurisdiction Specific:

	Non-HVHZ	HVHZ
4.2.1	This NER does not include evaluation of fire classification. Refer to FBC 1505 and the fire classification certificate for the waterproofing manufacturer for requirements and limitations regarding roof assembly fire classification. Refer to FBC 2603 for requirements and limitations concerning the use of foam plastic insulation.	This NER does not include evaluation of fire classification. Refer to FBC HVHZ 1516 and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification. Refer to FBC 2603 for requirements and limitations concerning the use of foam plastic insulation.
4.2.2	This NER does not include evaluation of roof edge termination. Refer to FBC 1504.5 for requirements and limitations regarding edge securement for low-slope roofs.	This NER does not include evaluation of roof edge termination. Refer to RAS 111 for requirements and limitations regarding edge securement for low-slope roofs.
4.2.3	Refer to FBC 1511 for requirements and limitations regarding recover installations.	Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations.
	(a) For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with ANSI/SPRI IA-1 , FM Loss Prevention Data Sheet 1-52 or TAS 124 shall be conducted on mock-ups of the proposed interface.	For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with TAS 124 shall be conducted on mock-ups of the proposed interface.
4.2.4	<u>Wind Load Resistance:</u>	
	(a) Refer to Section 4.3 for a tabulated summary of assembly listings and maximum allowable design pressures.	
	(b) "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (<i>the 2 to 1 margin of safety per FBC 1504.9 has already been applied</i>). Refer to FBC 1609 for determination of design wind loads.	"MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (<i>the 2 to 1 margin of safety per TAS 114 has already been applied</i>). Refer to FBC HVHZ 1620 or RAS 128 for determination of design wind loads.
	(c) For fully-adhered installations, the maximum design pressure for the selected assembly shall meet or exceed the critical design pressure. Rational analysis is not permitted.	The maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.



4.3 System Listings and Allowable Design Pressures: See [Section 4.2.4](#)

TABLE 4: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)							
SYSTEM TYPE F: NON-INSULATED, BONDED WATERPROOFING, ATTACHED EXTERIOR ELEVATED FLOORING SYSTEM							
System No.	Deck (4.1.2)	Primer	Quartz	Waterproofing (3.1.2)	Protection	Attached Exterior Elevated Flooring System per FBC 3115.1.1	MDP (psf)*
TREMCO PUMA WATERPROOFING SYSTEM:							
C-1.	Structural concrete	Tremco PUMA Primer, 90 ft ² /gal (17 wet-mils)	Silica 20-40 mesh aggregate, 0.7 lbs/ft ²	Tremco PUMA Waterproofing System	N/A	Greenrise Technologies 24x24-inch GRT Porcelain Paver & GRT Structural Grate System: ✓ installed in accordance with Greenrise Technologies requirements ✓ GRT Pedestal is fully-adhered using 3M™ Scotch-Weld™ DP6330NS. (See 3.1.1) ✓ GRT Structural Grate is attached to GRT Pedestal using GRT Fastening Kits. ➤ Kit washer(s): One (1) at 2.5-inch diameter x 1/8-inch thick ✓ GRT Porcelain Pavers are partially adhered to GRT Structural Grate using 3M™ Polyurethane Adhesive Sealant Fast Cure 550 (See 3.1.1)	-120.0
C-2.	Structural concrete	Tremco PUMA Primer, 90 ft ² /gal (17 wet-mils)	Silica 20-40 mesh aggregate, 0.7 lbs/ft ²	Tremco PUMA Waterproofing System	N/A	Greenrise Technologies 24x24-inch GRT Concrete Wind Pavers System: ✓ installed in accordance with Greenrise Technologies requirements. ✓ GRT Pedestal is fully adhered to the waterproofing surface using 3M™ Scotch-Weld™ DP6330NS. (See 3.1.1) ✓ 2-inch GRT Concrete Pavers fastened to GRT Pedestal using GRT Fastening Kit. ➤ Kit washer(s): One (1) at 2.5-inch diameter x 1/8-inch thick.	-172.5
TREMCO TREMPROOF 6100 WATERPROOFING SYSTEM:							
C-3.	Structural concrete	TREMPprime QD Low-Odor Primer, 150-300 ft ² /gal	N/A	Tremco TREMPproof 6100 Waterproofing System	POWERply Standard White Granular	Greenrise Technologies 24x24-inch GRT Porcelain Paver & GRT Structural Grate System: ✓ installed in accordance with Greenrise Technologies requirements ✓ GRT Pedestal Base is fully-adhered using 3M™ Scotch-Weld™ DP6330NS. (See 3.1.1) ✓ GRT Structural Grate is attached to GRT Pedestal using GRT Fastening Kits. ➤ Kit washer(s): One (1) at 2.5-inch diameter x 1/8-inch thick ✓ GRT Porcelain Pavers are partially adhered to GRT Structural Grate using 3M™ Polyurethane Adhesive Sealant Fast Cure 550 (See 3.1.1)	-115.0
C-4.	Structural concrete	TREMPprime QD Low-Odor Primer, 150-300 ft ² /gal	N/A	Tremco TREMPproof 6100 Waterproofing System	POWERply Standard White Granular	Greenrise Technologies 24x24-inch GRT Concrete Wind Pavers System: ✓ installed in accordance with Greenrise Technologies requirements. ✓ GRT Pedestal Base is fully adhered to the waterproofing surface using 3M™ Scotch-Weld™ DP6330NS. (See 3.1.1) ✓ 2-inch GRT Concrete Pavers fastened to GRT Pedestal using GRT Fastening Kit. ➤ Kit washer(s): One (1) at 2.5-inch diameter x 1/8-inch thick.	-165.0