



NEMO EVALUATIONS REPORT

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Revision 0: 2026-09-25
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GMX, Inc.
FL48459

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INSPECT

CERTIFY

EVALUATE

VALIDATE

QUALIFY

NEMO EVALUATION REPORT



GMX, Inc.
3014 Chamber Drive
Monroe, NC 28110
(704) 334-8222

SUBJECT: GMX Horizontal 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: 2024 International Building Code TDI [Third-Party Evaluation Report](#) acceptance
2026 Florida Building Code, 9th Edition
2023 Florida Building Code, 8th Edition
2026 City of Los Angeles Building Code

FBC JURISDICTION: Non-HVHZ and HVHZ

CATEGORY: **FBC:** Roofing **NEMO:** Waterproofing

SUB-CATEGORY: **FBC:** Waterproofing

CSI DIVISION: 07 00 00 Thermal and Moisture Protection
07 56 00 Fluid-Applied Roofing

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

COMPLIANCE STATEMENT: **GMX Horizontal Waterproofing Systems**, as produced by **GMX, Inc.**, 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.](#)

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 has not, nor does it intend to acquire or will they 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



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1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2024 International Building Code	104.2.3	Alternate materials	CGSB 37.50-M89
	1504.4.1	Wind resistance	FM 4474
	1504.5	Design Standard (ballasted)	ANSI/SPRI RP-4
	1505.1	Fire classification	ASTM E108
	1507.14.2	Material standard	ASTM C836
2026 Florida Building Code, 9 th Edition	1504.3.1	Wind resistance	FM 4474
	1504.4	Design Standard (ballasted)	ANSI/SPRI RP-4
	1505.1, 1516.1	Fire classification	ASTM E108
	1523.6.2, TAS 110	Wind resistance	TAS 114, Appendix D
	1507.15.2	Materials standard	ASTM C836
	TAS 110	Material standard	CGSB 37.50-M89
2023 Florida Building Code, 8 th Edition	1504.3.1	Wind resistance	FM 4474
	1504.4	Design Standard (ballasted)	ANSI/SPRI RP-4
	1505.1, 1516.1	Fire classification	ASTM E108
	1523.6.2, TAS 110	Wind resistance	TAS 114, Appendix D
	1507.15.2	Materials standard	ASTM C836
	TAS 110	Material standard	CGSB 37.50-M89
2026 City of Los Angeles Building Code	104.2.6 (Section 98.0501)	Evaluation Reports	ISO/IEC 17065
	1.2.3	Alternate materials	CGSB 37.50-M89
	1504.4.1	Wind resistance	FM 4474
	1504.5	Design Standard (ballasted)	ANSI/SPRI RP-4
	1505.1	Fire classification	ASTM E108
	1507.14.2	Material standard	ASTM C836

2. PRODUCTS:

TABLE 1A: EVALUATED GMX COMPONENTS (NEMO Certified. Consult Directory of Certified Products for production location(s))		
TYPE	PRODUCT	MATERIAL STANDARD
LIQUID APPLIED ELASTOMERIC	Ultra-Guard™ Elastomeric HB	ASTM C836
REINFORCEMENT:	Ultra-Guard™ Reinforcing Fabric	N/A
NON-ASPHALTIC PROTECTION BOARD	TegoBase	Various
ADHESIVE:	UltraGuard EFS Adhesive	Various

TABLE 1B: EVALUATED GMX COMPONENTS (Contact contact@nemocert.com for production location(s) of products pending certification)		
TYPE	PRODUCT	MATERIAL STANDARD
HOT RUBBERIZED ASPHALT:	Ultra-Guard™ HA-551	CGSB 37.50-M89



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TABLE 2: ACCESSORY COMPONENTS (4.1.5)

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

TYPE	ACCEPTABLE ALTERNATE	FBC	NOA
INSULATION:	Styrofoam Roofmate	FL38732	23-1121.01
	Styrofoam Roofmate ST-100	N/A	23-1121.01
	Styrofoam Plazamate	FL38732	23-1121.01
	Styrofoam Plazamate ST-100	N/A	23-1121.01
	Styrofoam High Load 60	FL38732	23-1121.01
	Styrofoam High Load 60 ST-100	N/A	23-1121.01
	Kingspan® GreenGuard® XPS	N/A	23-0522.05
	GreenGuard® LG XPS Insulation Board CM	N/A	23-0522.05
	Kingspan® GreenGuard® XPS	N/A	23-0522.05
	GreenGuard® LG XPS Insulation Board DC	N/A	23-0522.05
	Kingspan® GreenGuard® XPS	N/A	23-0522.05
	Kingspan® GreenGuard® Roofing Recovery Board PB6/PB38	N/A	23-0522.05
	Duro-Guard XPS	N/A	23-0522.05
	Kingspan® GreenGuard® Roofing Recovery Board PB6W	FL14164	23-0522.05
	Kingspan® GreenGuard® Roofing Recovery Board PB6 PLUS	FL14164	23-0522.05
	Kingspan® GreenGuard® Roofing Recovery Board PB6HD	FL14164	23-0522.05
	Cellofoam Type IX EPS Insulation	FL17650	N/A
	Cellofoam Type IX EPS Tapered Insulation	FL17650	N/A
	Cellofoam Type IX FR Composite Insulation	FL17650	N/A
	Cellofoam Holey Board	FL17650	N/A
	Insulfoam EPS	FL29563	24-1015.10
	Carlisle Sure Seal EPS	FL29563	24-1015.10
	Insultaper	FL29563	24-1015.10
	Insulfoam EPS Type IX+, 60psi	N/A	24-1015.10
	R-TECH	FL29563	24-1015.10
	R-TECH Fan Fold	FL29563	24-1015.10
	Insulfoam SP	FL29563	24-1015.10
	Insul-Lam	FL29563	24-1015.10
	Tuff Roof	FL29563	24-1015.10
	Insul-Vent	FL29563	24-1015.10
ADHESIVE:	APOC Polyset Commercial Roof Adhesive	FL1365	25-1219.04
PRIMER:	Ultra-Guard HA Primer	N/A	N/A
OVERBURDEN:	GRT Pedestal / GRT Concrete Wind Paver Systems	FL41859 FL46910	23-1102.04



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3. INSTALLATION:

3.1 **GMX Horizontal Waterproofing Systems** shall be installed in accordance with **GMX, Inc.** published installation instructions, subject to the [Limitations of Use](#) noted herein.

3.1.1 Insulation Adhesives:

- (a) Unless otherwise noted, insulation adhesive application rate is continuous ribbons, maximum 12-inch o.c. Ribbons shall be applied and insulation boards shall be set in accordance with the manufacturer's published instructions. When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, boards shall be staggered from layer-to-layer. The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing. When applied to profiled steel roof deck, ribbons shall be applied to the top-flange so as to establish positive-contact with the overlying insulation board.

TABLE 3: INSULATION ADHESIVE REFERENCES		
ADHESIVE	REFERENCE	MINIMUM RATE
APOC Polyset Commercial Roof Adhesive	N/A	Continuous ribbons, max. 12-inch o.c.

- (b) Unless otherwise noted, all adhered insulations are flat-stock or taper board of the minimum thickness noted.

(c) Adhered Insulation, Board Size:

- IBC and FBC Non-HVHZ: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet 1-29](#).
- FBC HVHZ: Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.

3.1.2 Waterproofing Components:

Unless otherwise noted, refer to the following for bonded and liquid applied waterproofing application rates.

WATERPROOFING APPLICATIONS	
PRODUCT	RATE
Ultra-Guard™ Elastomeric HB	Base coat of Ultra-Guard™ Elastomeric HB applied by spray, roller squeegee or trowel at maximum rate of 60 mil (27 ft ² /gal) per coat in accordance with manufacture's published literature. Apply Ultra-Guard™ Reinforcing Fabric set into wet base coat.
	Top coat of Ultra-Guard™ Elastomeric HB applied by spray, roller squeegee or trowel at maximum rate of 60 mil (27 ft ² /gal) per coat in accordance with manufacture's published literature.
Ultra-Guard™ HA 551	Base coat of Ultra-Guard™ HA 551 applied by spray, roller squeegee or trowel at maximum rate of 115 mil in accordance with manufacture's published literature. Apply Ultra-Guard™ Reinforcing Fabric set into wet base coat.
	Top coat of Ultra-Guard™ HA 551 applied by spray, roller squeegee or trowel at maximum rate of 100 mil in accordance with manufacture's published literature.

3.1.3 Overburden:

- (a) Overburden of soil and plantings (for 'garden roofs', root barriers, filter fabric, drainage components, EPS / XPS insulation, etc.) or concrete topping slabs, that are specified by the Designer of Record, acceptable to the Authority Having Jurisdiction and do not form part of the load path to the waterproofing system, are permissible over the assemblies noted herein with no adverse effect on the wind uplift performance of the waterproofing system.
- (b) 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.
- (c) For proprietary overburden components referenced herein, produced by a Product Manufacturer other than the report holder on Page 1 of this NER:
- NEMO CERT, LLC does not purport to have evaluated said components for Code compliance. The scope of evaluation is limited to the as-tested interface of said components with the waterproofing systems.
 - Refer to the Approval documentation held by the component manufacturer to confirm Quality Assurance in accordance with **F.A.C. Rule 61G20-3**.
 - Florida Specific: Proprietary exterior elevated flooring systems shall demonstrate compliance with [FBC 3115](#) to the satisfaction of the Authority Having Jurisdiction.



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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 Decks:

- (a) This NER pertains to above-deck waterproofing components. Decks and structural members shall be in accordance with applicable Code requirements to the satisfaction of the Authority Having Jurisdiction.
- (b) Unless otherwise noted, reference to 'structural concrete' pertains to min. 2,500 psi structural concrete, and excludes 'structural lightweight concrete'.

4.1.3 Fire Classification:

- (a) This NER does not include evaluation of fire classification. Refer to **IBC**, **FBC 1505** or **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification.
- (b) Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

4.1.4 Corrosion Resistance – Saltwater Environments:

Fasteners and connectors, if applicable, in areas within 3,000 feet of a saltwater coastline shall demonstrate compliance with FBC 1711 to the satisfaction of the Authority Having Jurisdiction.

4.1.5 Quality Assurance:

Products listed in [Rule 61G20-3.001, 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 [Florida Product Approval](#) or [NOA](#) of the component manufacturer.



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4.2 Jurisdiction Specific:

	IBC, FBC Non-HVHZ	FBC HVHZ
4.2.1	This NER does not include evaluation of roof edge termination. Refer to IBC 1504.6 or 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.
4.2.2	Refer to IBC 1512 or FBC 1511 for requirements and limitations regarding recover installations.	Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations.
	(a) RESERVED	RESERVED
	(b) 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.
	(c) RESERVED	RESERVED
4.2.3	<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 (the 2 to 1 margin of safety per FBC 1504.9 has already been applied). Refer to IBC / 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 (the 2 to 1 margin of safety per TAS 114 has already been applied). Refer to FBC HVHZ 1620 or RAS 128 for determination of design wind loads.
	(c) The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with IBC / FBC Chapter 16 . Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are ANSI/SPRI WD1 , FM Loss Prevention Data Sheet 1-29 , RAS 117 and RAS 137 . Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29 for Zone 2/3 enhancements.	Assemblies having a MDP < 45.0 psf are not permitted in FBC HVHZ jurisdictions. The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or RAS 128 . Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with RAS 117 or RAS 137 .
	(d) 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.
	(e) For protected membrane waterproofing designs involving ballast, the ballast design shall comply with ANSI/SPRI RP-4.	Ballasted systems are not permitted in FBC HVHZ jurisdictions.

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4.3 System Listings and Allowable Design Pressures: See [Section 4.2.3](#)**4.3.1 Roof Assemblies:**

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE					
TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
4A	Structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Waterproofing, Bonded Insulation(s)	7
4B	Structural concrete	New, Reroof (Tear-Off)	F	Non-Insulated, Bonded Waterproofing Cover	8

TABLE 4A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED WATERPROOFING, BONDED INSULATION(S)

System No.	Deck (4.1.2)	Primer	Waterproofing (3.1.2)	Protection Course	Insulation		Overburden (3.1.3)	MDP (psf)
					Type	Attach (3.1.1)		
C-1.	Structural concrete	Ultra-Guard HA Primer	Ultra-Guard™ HA 551 system	TegoBase	(Optional) Any approved EPS or XPS Insulation (seen in Table 2 above)	APOC Polyset Commercial Roof Adhesive, 12-inch o.c.	Structural concrete topping slab	N/A
C-2.	Structural concrete	None	Ultra-Guard™ Elastomeric HB system	TegoBase	(Optional) Any approved EPS or XPS Insulation (seen in Table 2 above)	APOC Polyset Commercial Roof Adhesive, 12-inch o.c.	Structural concrete topping slab	N/A
C-3.	Structural concrete	None	Ultra-Guard™ Elastomeric HB system	TegoBase	(Optional) Any approved EPS or XPS Insulation (seen in Table 2 above)	APOC Polyset Commercial Roof Adhesive, 12-inch o.c.	Structural concrete topping slab	N/A
C-4.	Structural concrete	None	Ultra-Guard™ Elastomeric HB system	None	Min. 2.0-inch Styrofoam High Load 60 (XPS)	Note: Styrofoam High Load 60 (XPS) adhered in 60-mil topcoat of Ultra-Guard™ Elastomeric HB	Greenrise Technologies 12x12-inch GRT Pedestal / Paver System: ✓ installed in accordance with Greenrise Technologies requirements with 2-inch GRT Concrete Wind Pavers fastened using GRT Fastening Kit, ✓ GRT Pedestal base is fully adhered using UltraGuard EFS Adhesive.	-75.0
C-5.	Structural concrete	None	Ultra-Guard™ Elastomeric HB system	None	Min. 3.0-inch Styrofoam High Load 60 (XPS)	Note: Styrofoam High Load 60 (XPS) adhered in 60-mil topcoat of Ultra-Guard™ Elastomeric HB	Greenrise Technologies 24x24-inch GRT Pedestal / Paver System: ✓ installed in accordance with Greenrise Technologies requirements with 2-inch GRT Concrete Wind Pavers fastened using GRT Fastening Kit, ✓ GRT Pedestal base is fully adhered using UltraGuard EFS Adhesive.	-117.5

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TABLE 4B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED WATERPROOFING COVER

System No.	Deck (4.1.2)	Primer	Waterproofing (3.1.2)	Protection Course	Overburden (3.1.3)	MDP (psf)
C-6.	Structural concrete	None	Ultra-Guard™ Elastomeric HB system	TegoBase into top coat	Greenrise Technologies 12x12-inch GRT Pedestal / Paver System: ✓ installed in accordance with Greenrise Technologies requirements with 2-inch GRT Concrete Wind Pavers fastened using GRT Fastening Kit, ✓ GRT Pedestal base is fully adhered using UltraGuard EFS Adhesive.	-58.1
C-7.	Structural concrete	None	Ultra-Guard™ Elastomeric HB system	TegoBase into top coat	N/A	-502.5