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)

ITW Polymers Sealants North America, Inc.
12055 Cutten Rd.
Houston, TX 77066

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: Elasto-Deck BT Waterproofing Systems

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 renews NOA No. 13-0923.08 and consists of pages 1 through 5.
The submitted documentation was reviewed by Jorge L. Acebo.

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub–Category:	Waterproofing
Material:	Polyurethane
Deck Type:	Concrete
Maximum Design Pressure:	-657.50 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
Elasto-Deck BT	5 gallons	ASTM C 836	Single component moisture cured polyurethane membrane
Elasto-Poxy Primer VOC	1.5 gallons & 15 gallons	Proprietary	Two-component solvent based VOC compliant epoxy resin based primer

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY OTHERS:

Product	Dimensions	Test Specification	Product Description	Manufacturer
GreenGuard PB6 Waterproofing Protection Board	4’ x 50’ x ⅜” Fanfold Bundles	TAS 110	Extruded polystyrene (XPS) board.	Kingspan Insulation, LLC
J-DRain® 400 **J-DRain® 420**	4’ x 50’ rolls 6.5’ x 50’ rolls 8’ x 50’ rolls	Proprietary	Impermeable polypropylene cuspated sheet bonded to a layer of non-woven filter fabric.	JDR Enterprises, Inc.
J-DRain® 700	4’ x 50’ rolls 8’ x 50’ rolls	Proprietary	Heavy duty impermeable polymeric cuspated sheet bonded to a layer of woven filter fabric.	JDR Enterprises, Inc.
J-DRain® 990	4’ x 50’ rolls	Proprietary	Heavy duty impermeable polypropylene cuspated sheet bonded to a layer of woven filter fabric.	JDR Enterprises, Inc.
J-DRain® 1000	4’ x 50’ rolls	Proprietary	Heavy duty impermeable polyethylene cuspated sheet bonded to a layer of non-woven filter fabric and an additional layer of heavy fabric bonded to the backside.	JDR Enterprises, Inc.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Date
Momentum Technologies, Inc.	MX23G2A	ASTM C836	04/05/13
Intertek	F0255.01-109-18	TAS 114-D	11/29/15
UL LLC	TGFU.R12094	UL 790	02/13/20

APPROVED ASSEMBLIES

Deck Type 3:	Concrete Decks
Deck Description:	Min. 2500 psi, dual slab construction.
System Type F(1):	Elasto-Deck BT Waterproofing Membrane
Surface Condition:	All surfaces must be free from dirt, grease, oil, dust and other contaminants. Surface irregularities greater than $^{1}/_{16}$" in width must be repaired and covered with an approved sealant. Extremely porous substrates should be filled prior to coating.
Primer:	Primer surfaces with Elasto-Poxy Primer VOC, as required in the manufacturer's application instructions.
Application:	Apply Elasto-Deck BT at a minimum rate of 1 gal/20 ft^2 for a minimum dry mil thickness of 60 mils. Allow a 24 hour cure time between multiple coats. Application must be made uniformly to avoid thin spots and care must be taken to avoid pinholes and repair them should they occur.
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 ITW Polymers Sealants North America, Inc., shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.
Protection Course:	GreenGuard PB6 Waterproofing Protection Board must be loose laid prior to pouring the concrete topping slab. Refer to manufacturer's instructions for additional installation requirements. Or JD-Drain® 400, JD-Drain® 420, JD-Drain® 700, JD-Drain® 990 or JD-Drain® 1000 must be loose laid prior to pouring the concrete topping slab. Refer to manufacturer's instructions for additional installation requirements.
Surfacing	Structural Concrete Slab, minimum 2500 psi. All surfacing shall comply with applicable building code requirements. **No portion of Elasto-Deck BT shall remain exposed.**
Maximum Design Pressure:	N/A

Deck Type 3:	Concrete Decks
Deck Description:	Min. 2500 psi, Planters
System Type F(2):	Elasto-Deck BT Waterproofing Membrane
Surface Condition:	All surfaces must be free from dirt, grease, oil, dust and other contaminants. Surface irregularities greater than $^{1}/_{16}$" in width must be repaired and covered with an approved sealant. Extremely porous substrates should be filled prior to coating.
Primer:	Primer surfaces with Elasto-Poxy Primer VOC, as required in the manufacturer's application instructions.
Application:	Apply Elasto-Deck BT at a minimum rate of 1 gal/20 ft^2 for a minimum dry mil thickness of 60 mils. Allow a 24 hour cure time between multiple coats. Application must be made uniformly to avoid thin spots and care must be taken to avoid pinholes and repair them should they occur.
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 ITW Polymers Sealants North America, Inc., shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.
Protection Course:	JD-Drain® 400, JD-Drain® 420, JD-Drain® 700, JD-Drain® 990 or JD-Drain® 1000 must be loose laid prior to backfilling. Refer to manufacturer's instructions for additional installation requirements.
Surfacing	Backfill the planter with soil medium to a minimum depth of 24 inches. **No portion of Elasto-Deck BT shall remain exposed.**
Maximum Design Pressure:	-657.50 psf. (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 D 5957 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 ITW Polymers Sealants North America, Inc., 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 ITW Polymers Sealants North America, Inc. ITW Polymers Sealants North America, Inc. 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. 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 and/or RAS 137. 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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.

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.

END OF THIS ACCEPTANCE