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ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Inland Coatings, Inc

1320 Litton Drive
Salisbury, NC 28147
(608) 359-9508

PEER-IC-001.A

FL47055

Date of Issuance: 10/22/2024

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the **8th Edition (2023) Florida Building Code** [sections noted herein](#).

DESCRIPTION: Inland Coatings Cements, Adhesives and Coatings

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

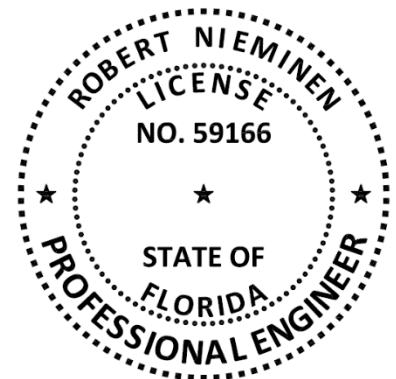
CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire PEER 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 PEER consists of pages 1 through 5.

Prepared by:



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, 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.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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ROOFING COMPONENT EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Cements – Adhesives - Coatings
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: Inland Coatings Cements, Adhesives and Coatings, as produced by [Inland Coatings, Inc](#), have demonstrated compliance with the following sections of the **8th Edition (2023) Florida Building Code** through testing in accordance with the Standards set forth herein. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
1507.10.2, 1507.14.3, 1509.2, R905.9.2, R905.11.2, R905.14.3, TAS 110	Material standard	ASTM D6083

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO	PEER	PEER-PLYG-004.A.R22	02/18/2024
NEMO	Traceability	FBC CLA	07/11/2024
UL LLC (QUA9625)	Quality Control	Service Confirmation Req (AZ,FL)	10/21/2024

4. PRODUCT DESCRIPTION:

TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES			
PRODUCT	MATERIAL STANDARD	DESCRIPTION / APPROVED USE	MANUFACTURING
COATINGS:			
AldoCoat 400S	ASTM D6083	Water-based, white or tinted elastomeric acrylic roof coating	Phoenix, AZ Winter Haven, FL
AldoCoat 374C	ASTM D6083	Water-based, white or tinted elastomeric acrylic roof coating	Phoenix, AZ Winter Haven, FL
AldoCoat SB+	ASTM D6083, Type II	High solids, water-based, white or tinted elastomeric coating	Phoenix, AZ
	ASTM D6083, Type I		Winter Haven, FL
AldoCoat TE+	ASTM D6083	High tensile, water-based, white or tinted, elastomeric coating.	Phoenix, AZ Winter Haven, FL
PRIMERS:			
AldoPrime TPO	N/A	Solvent-based primer for use on aged TPO and PVC membranes.	Phoenix, AZ
AldoPrime 710	N/A	Single component, rust-inhibitive primer to enhance adhesion of elastomeric roof coatings to metal surfaces	Phoenix, AZ Winter Haven, FL
AldoBlock 708	N/A	Single component, acrylic primer to enhance adhesion of acrylic roof coatings	Phoenix, AZ Winter Haven, FL

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.

- 5.3 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** or **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.4 Inland Coatings Cements, Adhesives and Coatings are components for use in Approved roof assemblies. Refer to the “Approved Use” in [Section 4](#) for each component. The Cements, Adhesives and Coatings noted herein are not purported to be Roofing Systems, and their use shall be governed by and limited to applications where Roof System Product Approval is not necessary (e.g., maintenance and repair) or where the components are called out in a Roof System Product Approval.
- 5.5 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 5.6 All products listed herein shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3** requirements.

6. INSTALLATION:

- 6.1 **Inland Coatings Cements, Adhesives and Coatings** shall be installed in accordance with [Inland Coatings, Inc](#) published installation instructions, subject to the Approved Use in [Section 4](#) and [Limitations of Use](#) herein.
 - 6.1.1 Foundation coat(s) and finish coat(s) shall be in accordance with Inland Coatings wet-mil and dry-mil thickness requirements.
 - 6.1.2 For metal substrates, exposed fasteners, seams and joints shall be treated in accordance with Inland Coatings’ requirements.
 - 6.1.3 For wood substrates, joints shall be treated in accordance with Inland Coatings’ requirements.
- 6.2 Allowable Substrates:

TABLE 2: ALLOWABLE SUBSTRATES FOR WINTER HAVEN, FL PRODUCTION					
TYPE	SUBSTRATE		PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
	SURFACE	CONDITION			
Built-up roof (BUR)	Granule or Sanded	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
			AldoBlock 708	AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
	Granule	Existing (aged)	AldoBlock 708	AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Metal, Galvanized Steel	N/A	New or Existing (aged)	(Optional) AldoPrime 710	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Modified bitumen, APP	Granule	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
			AldoBlock 708	AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
	Granule	Existing (aged)	AldoBlock 708	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
			None	AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Modified bitumen, SBS	Granule	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
	Granule	New or Existing (aged)	AldoBlock 708	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
	Granule	Existing (aged)	None	AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Sanded	New or Existing (aged)	None	AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
Single Ply, CSPE	N/A	Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Single Ply, PVC	N/A	Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S

TABLE 2: ALLOWABLE SUBSTRATES FOR WINTER HAVEN, FL PRODUCTION					
SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Single Ply, TPO	N/A	Existing (aged)	AldoPrime TPO	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
Spray Applied Polyurethane Foam	N/A	New	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat 374C	AldoCoat 374C, AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Structural Concrete	N/A	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S
Wood	N/A	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S

TABLE 3: ALLOWABLE SUBSTRATES FOR PHOENIX, AZ PRODUCTION						
SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)	
TYPE	SURFACE	CONDITION				
Built-up roof (BUR)	Granule	Existing (aged)	AldoBlock 708	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
Metal, Galvanized Steel	N/A	New or Existing (aged)	(Optional) AldoPrime 710	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
Modified bitumen, APP	Granule	New or Existing (aged)	None	AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
				AldoBlock 708	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
	Granule	Existing (aged)	(Optional) AldoBlock 708	AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
Modified bitumen, SBS	Granule	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoBlock 708	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
	AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S				
Granule	Existing (aged)	None	AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S		
Sanded	New or Existing (aged)	None	AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+		
Single Ply, CSPE	N/A	Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
Single Ply, PVC	N/A	Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
Single Ply, TPO	N/A	Existing (aged)	AldoPrime TPO	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
Spray Applied Polyurethane Foam	N/A	New	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat 374C	AldoCoat 374C, AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
Structural Concrete	N/A	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	
Wood	N/A	New or Existing (aged)	None	AldoCoat 400S	AldoCoat 400S or AldoCoat TE+	
				AldoCoat SB+	AldoCoat SB+, AldoCoat 400S or AldoCoat TE+	
				AldoCoat TE+	AldoCoat TE+ or AldoCoat 400S	

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by F.A.C. Rule [61G20-3](#) QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

[UL, LLC – QUA9625](#): (360) 817-5512; bsai.inspections@ul.com

- END OF PEER -

2023 FBC