



NEMO|etc.

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ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

SOPREMA, Inc.

310 Quadral Drive
Wadsworth, OH 44281
(800) 356-3521

PEER-SOP-002.A.R15

FL9779-R17 (NON-HVHZ)

Date of Issuance: 04/02/2009

Revision 15: 04/19/2024

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: SOPREMA Cements, Adhesives and Coatings (NON-HVHZ)

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

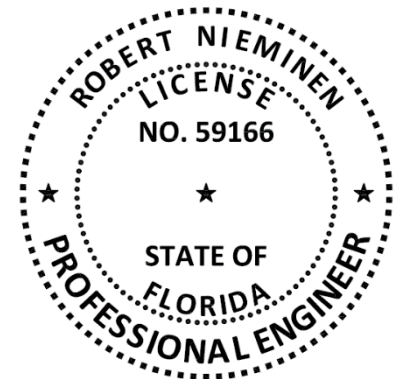
CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO 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: The Florida Product Approval Number (FL#) preceded by the words "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 6.

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: SOPREMA Cements, Adhesives and Coatings, as produced by SOPREMA, 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
1504.6	Physical Properties	ASTM G154
1507.10.2, 1514.2.3	Material standard	ASTM D41
1507.10.2	Material standard	ASTM D3019
1507.10.2	Material standard	ASTM D4586
1507.15.2	Material standard	ASTM C836
TAS 110	Material standard	TAS 138

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST 6049)	M-D 13-1362	S42600.08.15-R2	03/21/2016
ERD (TST 6049)	Physical Properties	SOP-SC12130.09.16	09/14/2016
NEMO (TST 6049)	Physical Properties	SOP-SC16600.01.18-1-R1	03/23/2018
NEMO (TST 6049)	M-D 13-1362	4S-SOP-18-002.02.19	02/04/2019
NEMO (TST 6049)	ASTM D4586	4p-SOP-19-SSLAP-01.A	07/29/2019
NEMO (TST 6049)	Physical Properties	4p-SOP-19-SSLAP-05.A	03/25/2020
NEMO (TST 6049)	Physical Properties	4p-SOP-20-SSLAP-03.C	03/09/2021
NEMO (TST 6049)	Physical Properties	4p-SOP-21-SSLAP-04.A	06/22/2022
NEMO (TST 6049)	Physical Properties	4P-SOP-21-SSLAP-04.B	06/22/2022
NEMO (TST 6049)	ASTM C836	4p-SOP-22-SSLAP-05.A	03/15/2023
NEMO (TST 6049)	Physical Properties	4p-SOP-23-SSLAP-02.A.R1	10/03/2023
PRI (TST5878)	ASTM D4586 & ASTM D3409	TRA-160-02-01	08/03/2017
PRI (TST5878)	ASTM D3019	817T0017	01/21/2021
SOPREMA	Traceability	Equivalency declaration	01/25/2021
UL, LLC (QUA 9625)	Quality Control	Service Confirmation	03/02/2022
UL, LLC (QUA 9625)	Quality Control	Service Confirmation (FL)	01/12/2023

4. PRODUCT DESCRIPTION:

The following SOPREMA products are acceptable for use in any roof system approval or – for roof coatings – any fire rating directory listing, which refers to the specific product or to the codified ASTM designation for the product.

TABLE 1A: PRIMERS					
PRODUCT	MATERIAL STANDARD	PLANT(s)	CONTAINER	APPROVED USE	RATE
ELASTOCOL 500	ASTM D41	Drummondville, QC	5 gallon	Brush, roller or spray applied, asphalt-primer for concrete, metal or wood substrates.	100 – 150 ft ² /gal. depending on substrate porosity
ELASTOCOL Stick	(See Product Data Sheet for Physical Properties)	Drummondville, QC	5 gallon	Brush, roller or spray applied solvent/synthetic rubber primer for concrete, metal or wood substrates or as an inter-ply primer in self-adhering applications.	100 – 150 ft ² /gal. depending on substrate porosity
ELASTOCOL Stick Zero	(See Product Data Sheet for Physical Properties)	Drummondville, QC	3.78 & 19 Liter	Brush or roller applied, polymer-emulsion primer for masonry, concrete, wood or gypsum substrates to receive self-adhering membranes or as an inter-ply primer in self-adhering applications.	100 – 400 ft ² /gal. depending on substrate porosity
ALSAN RS 222 Primer	(See Product Data Sheet for Physical Properties)	Wadsworth, OH	10 kg container	Primer for asphaltic, roof coverboards and other substrates prior to application of ALSAN RS System	15 to 30 wet mils, depending on substrate condition
ALSAN RS 276 Primer	(See Product Data Sheet for Physical Properties)	Wadsworth, OH	10 kg container	Primer for wood, concrete and other substrates prior to application of ALSAN RS System	15 to 30 wet mils, depending on substrate condition

TABLE 1B: MASTICS, SEALANTS & FLASHING MATERIALS					
PRODUCT	MATERIAL STANDARD	PLANT(s)	CONTAINER	APPROVED USE	RATE
ALSAN Flashing System (aka, RESISTOFLASH Coating)	ASTM C836	Drummondville, QC	Flashing Cement: 1, 5 gal.	Polyurethane/bitumen resin, liquid applied flashing with reinforcing fleece for use with BUR and Mod Bit systems	Base Coat: Min. 30 wet mils Finish Coat: Min. 30 wet mils
		Fort Mill, SC	PolyFleece, various		
COLPLY Flashing Cement	ASTM D4586, Type I and ASTM D3409	Hallandale, FL	5 gallon	Asbestos free flashing compound with high-grade oxidized base asphalts	70 to 140 ft ² /gal.
COLPLY EF Flashing Cement	(See Product Data Sheet for Physical Properties)	Schoolcraft, MI	3.5 gallon	Moisture cure, single component elastomeric liquid applied flashing adhesive	2 to 2.5 gal/square
SOPRAMASTIC SBS Elastic Cement	ASTM D4586, Type I	Kansas City, MO	Caulking tube 10.4 oz	Synthetic rubber plasticized with bitumen and solvents used as a sealant to fill the void area on all self-adhered field and flashing base ply membrane side lap edges not having a bitumen bleed-out and on self-adhering membrane T-joints.	Varies

TABLE 1C: COATINGS					
PRODUCT	MATERIAL STANDARD	PLANT(S)	CONTAINER	APPROVED USE	RATE
ALSAN RS 230 Field or Flash ¹	M-D 13-1362	Wadsworth, OH	25-kg (Field) or 12-kg (Flash) container	Two-component, rapid curing PMMA acrylic resin used to coat existing low slope roof systems	Base Coat: 3.91 gal/sq. Top Coat: 1.95 gal/sq.
ALSAN RS 260 LO Field or Flash ¹	M-D 13-1362	Wadsworth, OH	25-kg (Field) or 12-kg (Flash) container	Two-component, rapid curing, low-odor PMMA acrylic resin used to coat existing low slope roof systems	Base Coat: 3.91 gal/sq. Top Coat: 1.95 gal/sq.
ALSAN TRAFIK RS 730 Field or Flash ¹	M-D 13-1362	Wadsworth, OH	25-kg (Field) or 12-kg (Flash) container	Two-component, rapid curing PMMA acrylic resin used to coat existing low slope roof systems	Base Coat: 3.91 gal/sq. Top Coat: 1.95 gal/sq.
ALSAN RS 285 CF	(See Product Data Sheet for Physical Properties)	Wadsworth, OH	8.5-kg container	Two-component color finish resin for use with ALSAN RS 230 and ALSAN RS 260 LO	Refer to published data sheet

TABLE 1D: MEMBRANE ADHESIVES					
PRODUCT	MATERIAL STANDARD	PLANT(S)	CONTAINER	APPROVED USE	RATE
COLPLY Adhesive	ASTM D3019, Type III	Kansas City, MO	5 gal. pails; 55 gal. drums; 350 gal. steel totes	Modified bitumen membrane adhesive that is squeegee applied	1.5 to 2.5 gal/sq.
COLPLY EF Adhesive	(See Product Data Sheet for Physical Properties)	Schoolcraft, MI	5 gal. pails; 50 gal. drums	Modified bitumen membrane adhesive that is squeegee spray applied	1.5 to 2.5 gal/sq.

TABLE 1E: INSULATION ADHESIVES					
PRODUCT	SPECIFICATION	PLANT(S)	CONTAINER	APPROVED USE	RATE
DUOTACK 365 or RESISTOBOND	(See Product Data Sheet for Physical Properties)	Drummondville, QC	Four (4) 1500 ml component caulk gun cartridges (dual set) per case or 5-gallon bag-in-box.	Two component adhesive for adhering insulation	Continuous ½ to ¾-inch beads spaced per roof system approval
DUOTACK SPF	(See Product Data Sheet for Physical Properties)	New Berlin, WI	Kit containing A & B side components with hose and nozzle	Two component adhesive for adhering insulation or fleece back membrane	INSULATION: Continuous 2.5-inch ribbons spaced per roof system approval FLEECE BACK MEMBRANE: 'spatter' applied at 2.5 to 3.7 lbs/square

¹ [NEMO Certified.](#)

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 is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 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.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 **SOPREMA 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 as a fire inhibitive coating on roof systems) or where the components are called out in a Roof System Product Approval.
- 5.5.1 Existing roofs shall be examined for compliance with **FBC 1511** to the satisfaction of the Authority Having Jurisdiction
- 5.5.2 Existing roof systems 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 **SOPREMA Cements, Adhesives and Coatings** shall be installed in accordance with **SOPREMA, Inc.** installation instructions, subject to the Approved Use in [Section 4](#) and [Limitations of Use](#) herein.
- 6.1.1 Primers, foundation coat(s), fabric (when installed) and finish coat(s) shall be in accordance with **SOPREMA** wet-mil and dry-mil thickness requirements.
- 6.2 **Allowable Substrates (Coatings):**

TABLE 2: ALLOWABLE SUBSTRATES FOR ALSAN RS 230 FIELD OR FLASH, ALSAN TRAFIX RS 730 FIELD OR FLASH OR ALSAN RS 260 LO FIELD OR FLASH							
SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FABRIC	FINISH COAT(S)	SURFACING
TYPE	SURFACE	CONDITION					
Modified bitumen, APP	Granule	New or Existing (aged)	ALSAN RS 222	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF
Modified bitumen, SBS	Granule	New or Existing (aged)	ALSAN RS 222	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF
	Smooth	New or Existing (aged)	ALSAN RS 222	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF
Single Ply, CSPE	N/A	Existing (aged)	ALSAN RS Cleaner	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF
Single Ply, PVC	N/A	Existing (aged)	ALSAN RS Cleaner	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF
Structural Concrete	N/A	New or Existing (aged)	ALSAN RS 276	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF

TABLE 2: ALLOWABLE SUBSTRATES FOR ALSAN RS 230 FIELD OR FLASH, ALSAN TRAFIX RS 730 FIELD OR FLASH OR ALSAN RS 260 LO FIELD OR FLASH							
SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FABRIC	FINISH COAT(S)	SURFACING
TYPE	SURFACE	CONDITION					
Wood	N/A	New or Existing (aged)	ALSAN RS 276	3.91 gal/sq.	ALSAN RS Fleece	1.95 gal/sq.	(Optional) ALSAN RS 285 CF

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 -