



NEMO|etc.

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ENGINEER

EVALUATE

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

CertainTeed, LLC

20 Moores Road
Malvern, PA 19355
(610) 893-5400

PEER-CTR-005.A.R2

FL31572-R2

Date of Issuance: 02/13/2020

Revision 2: 09/25/2023

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: SmartFlash® ONE Flashing System

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein and TAS 121.

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 3.

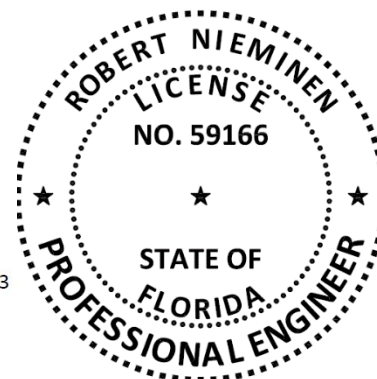
Prepared by:

**Digitally signed by
Robert Nieminen
Date: 2023.09.25
'10:24:12 -04'00**

This item has been digitally signed and sealed by Robert Nieminen, P.E.

Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



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: **SmartFlash® ONE Flashing System**, as produced by **CertainTeed**, has 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 her.

2. STANDARDS:

SECTION	PROPERTY	STANDARD	YEAR
1504.6	Physical properties	ASTM G154	2016
1507.15.2	Material standard	ASTM C836	2018
1523.6.5.2.11.1	Physical properties	TAS 121	1995

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
M-D (CER1592)	FBC HVHZ compliance	23-0718.02	09/07/2023
NEMO (TST6049)	Physical properties (fleece)	4p-SOP-22-SSLAP-02.A	01/31/2023
NEMO (TST6049)	ASTM C836, G154	4p-SOP-22-SSLAP-05.A	03/15/2023
NEMO ETC	Traceability	FBC Cross-Listing	02/13/2020
UL, LLC (QUA 9625)	Quality Control	Service Confirmation (QC)	02/13/2020
UL, LLC (QUA 9625)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

TABLE 1: EVALUATED FLASHING MATERIALS SMARTFLASH® ONE FLASHING SYSTEM					
PRODUCT	MATERIAL STANDARD	PLANT(S)	CONTAINER	APPROVED USE	RATE
SmartFlash ONE (resin)	ASTM C836	Drummondville, QC	Polyurethane bitumen resin: Flash Pack, 1 gal. or 5 gal.	Polyurethane/bitumen resin, liquid applied flashing with reinforcing fabric for use with BUR and modified bitumen systems	Base Coat: Min. 30 wet mils Saturation Coat: Min. 30 wet mils
SmartFlash ONE (fabric)		Fort Mill, SC	Polyester reinforcement fabric: various roll sizes		Finish Coat: Min. 30 wet mils

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 **SmartFlash® ONE Flashing System** is a component for use in Approved roof assemblies. Refer to the “Approved Use” in Section 4 for each component. **SmartFlash® ONE Flashing System** is not purported to be a Roofing System, and its use shall be governed by and limited to applications where Roof System Product Approval is not necessary 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 **SmartFlash® ONE Flashing System** shall be installed in accordance with **CertainTeed** published installation instructions, subject to the Approved Use in [Section 4](#) and [Limitations of Use](#) herein.
- 6.1.1 Allowable Substrates:
- ✓ bituminous low-slope roof systems (flashing or crack-repair) or
 - ✓ asphalt shingles (crack-repair).

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction in order 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 \(QUA9625\)](#): (360) 817-5512; bsai.inspections@ul.com

- END OF PEER -