



NEMO|etc.

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ENGINEER

EVALUATE

TEST

CONSULT

EVALUATION REPORT

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

Evaluation Report 3m-CTR-20-FBCER.A-R1
FL31572-R1
Date of Issuance: 02/13/2020
Revision 1: 07/27/2020

SCOPE:

This Evaluation Report is issued under **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 **7th Edition (2020) Florida Building Code** sections noted herein.

DESCRIPTION: SmartFlash® ONE

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

CONTINUED COMPLIANCE: This Evaluation Report 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 Evaluation Reports 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 Evaluation Report relative to updated Code requirements with each Code Cycle.

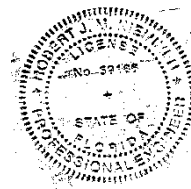
ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO|etc. Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire Evaluation Report 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 Evaluation Report consists of pages 1 through 3.

Prepared by:

Robert J.M. Nieminen, P.E.
Florida Registration No. 59166, Florida DCA ANE1983



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 07/27/2020. This does not serve as an electronically signed document.

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 evaluation reports 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 Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Cements – Adhesives - Coatings
Compliance Statement: SmartFlash® ONE, as produced by CertainTeed, has demonstrated compliance with the following sections of the 7th Edition (2020) Florida Building Code through testing in accordance with the Standards set forth herein. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

Section	Property	Standard	Year
1504.6	Physical properties	ASTM G154	2012
1507.15.2	Material standard	ASTM C836	2015

3. REFERENCES:

Entity	Examination	Reference	Date
NEMO ETC	Traceability	FBC Cross-Listing	02/13/2020
PRI (TST5878)	Physical Properties	SOP-021-02-02	02/06/2012
PRI (TST5878)	Physical Properties	SOP-021-02-03	02/06/2012
PRI (TST5878)	Physical Properties	SOP-021-02-04	02/06/2012
PRI (TST5878)	Physical Properties	SOP-021-02-01	02/14/2012
UL, LLC (QUA 9625)	Quality Control	Service Confirmation (QC)	02/13/2020

4. PRODUCT DESCRIPTION:

The following CertainTeed 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.

MASTICS, SEALANTS & FLASHING MATERIALS					
Product	Material Standard	Plant(s)	Container	Approved Use	Rate
SmartFlash ONE	ASTM C836	Drummondville, QC	Polyurethane bitumen resin: Flash Pack, 1 gal. or 5 gal.	Polyurethane/bitumen resin, liquid applied flashing with reinforcing fabric	Base Coat: Min. 30 wet mils Saturation Coat: Min. 30 wet mils Finish Coat: Min. 30 wet mils
			Polyester reinforcement fabric: various roll sizes		

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 Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in FBC High Velocity Hurricane Zone jurisdictions (i.e., Broward and Miami-Dade Counties).
- 5.3 This Evaluation Report 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 Evaluation Report 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 **SmartFlash® ONE** is a component for use in Approved roof assemblies. Refer to the “Approved Use” in Section 4 for each component. **SmartFlash® ONE** is not purported to be Roofing Systems, 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.
- 5.5.1 Allowable Substrates:
- ✓ bituminous low-slope roof systems (flashing or crack-repair) or
 - ✓ asphalt shingles (crack-repair).
- 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** shall be installed in accordance with **CertainTeed** installation instructions, subject to the Limitations in Section 5 and the Approved Use noted in Section 4.

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, LLC. – QUA9625; (414) 248-6409, Karen.buchmann@ul.com

- END OF EVALUATION REPORT -