



NEMO EVALUATION REPORT



W. R. Meadows, Inc.

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SUBJECT: KS Silicone Roof Coatings

SCOPE: This Evaluation Report is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing Product Approval of construction materials in the State of Florida. NEMO Evaluations has evaluated the product described herein for compliance with the [Code sections noted herein](#). This Evaluation Report consists of pages 1 through 4.

CODE: 2020 Florida Building Code, 7th Edition

JURISDICTION: Non-HVHZ and HVHZ

NEMO CATEGORY: Liquid Applications

FBC CATEGORY: Roofing

FBC SUB-CATEGORY: Cements – Adhesives – Coatings

CSI DIVISION:
07 00 00 Thermal and Moisture Protection
07 56 00 Fluid-Applied Roofing
07 57 00 Coated Foam Roofing

METHOD: Method 1, Option C – Codified Material, Evaluation by Evaluation Entity

COMPLIANCE STATEMENT: **KS Silicone Roof Coatings**, as produced by **W. R. Meadows, Inc.**, have demonstrated compliance with the Code sections noted herein through testing in accordance with the referenced Standards, rational analysis and an ongoing quality assurance program. Compliance is subject to the Installation Requirements and Limitations of Use set forth herein.

QUALITY ASSURANCE: Evidence of current quality assurance shall be listing and labeling in accordance with the requirements of [NEMO|cert](#).

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time the named product(s) change, the referenced Quality Assurance changes, or the evaluated Code provisions change. NEMO Evaluations requires, at minimum, a complete review of this Evaluation Report with each 3-year Code Cycle.

BUILDING PERMIT REQUIREMENTS: As required by the Building Official or Authority Having Jurisdiction to evaluate the installation of this product.

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

CERTIFICATION OF INDEPENDENCE:

- ✓ 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.
- ✓ NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- ✓ This is a building code evaluation. NEMO ETC, LLC is not, 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.



1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD	YEAR
2020 Florida Building Code, 7 th Edition	1507.14.3, 1507.15.2, R905.14.3, R905.15.2, TAS 110	Material standard	ASTM D6694	2013

2. PRODUCTS:

TABLE 1: EVALUATED COATINGS & ACCESSORIES				
USE	PRODUCT	MATERIAL STANDARD	PLANT(S)	DESCRIPTION / APPROVED USE
ROOF COATINGS	KS-5100 High Solids Silicone Roof Coating	ASTM D6694	Guelph, ON Canada	High solids, single-component, moisture cure, white or tinted, silicone roof coating.
PRIMERS / TREATMENTS:	KS-5800 Primer	N/A	Brookfield, WI	Two-component epoxy primer

3. INSTALLATION:

- 3.1 **KS Silicone Roof Coatings** shall be installed in accordance with **W. R. Meadows, Inc.** published installation instructions, subject to the [Limitations of Use](#) noted herein. In case of conflict between published installation instructions and this evaluation report, this report governs.
- 3.1.2 Foundation coat(s), reinforcing fabric (when installed) and/or finish coat(s) shall be in accordance with W. R. Meadows wet-mil and dry-mil thickness requirements.
- 3.2 Allowable Substrates:

TABLE 2: ALLOWABLE SUBSTRATES, KS-5100				
SUBSTRATE			PRIMER	FOUNDATION COAT(S) AND/OR FINISH COAT
TYPE	SURFACE	CONDITION		
Aluminum	N/A	New	None	KS-5100
Galvanized Steel	N/A	New	None	KS-5100
Single Ply, CSPE	N/A	New	KS-5800 at 0.3 gal./sq.	KS-5100
Single Ply, EPDM	N/A	New	KS-5800 at 0.3 gal./sq.	KS-5100
Single Ply, PVC	N/A	New	KS-5800 at 0.3 gal./sq.	KS-5100
Single Ply, TPO	N/A	New	KS-5800 at 0.3 gal./sq.	KS-5100
Modified Bitumen, APP	Sanded	New	KS-5800 at 0.5 gal./sq.	KS-5100
Modified Bitumen, APP	Granule	New	KS-5800 at 0.7 gal./sq.	KS-5100
Modified Bitumen, SBS	Sanded	New	KS-5800 at 0.5 gal./sq.	KS-5100
Modified Bitumen, SBS	Granule	New	KS-5800 at 0.7 gal./sq.	KS-5100
Spray Applied Polyurethane Foam	N/A	New	None	KS-5100
Structural Concrete	N/A	New	(Optional) KS-5800 at 0.5 gal./sq.	KS-5100



4. LIMITATIONS OF USE:

- 4.1 This is a building code evaluation. NEMO ETC, LLC is not, 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. NEMO Evaluation Reports are not to be construed as representing any attributes not specifically listed, nor are NEMO Evaluation Reports to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by NEMO ETC, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.
- 4.2 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.
- 4.3 This Evaluation Report does not include evaluation of fire classification. Refer to **FBC 1505** or **FBC HVHZ 1516** and UL [TGFU.R41024](#) for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 4.4 **KS Silicone Roof Coatings** are components for use in Approved roof assemblies. Refer to the "Approved Use" in [Section 2](#) for each component. The 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.
- 4.5 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 4.6 All products listed herein shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3** requirements.

- END OF EVALUATION -