



**NEMO|etc.**

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ENGINEER

EVALUATE

TEST

CONSULT

**EVALUATION REPORT BY FLORIDA P.E.**

**GAF**

1 Campus Drive  
Parsippany, NJ 07054  
**(800) 766-3411**

**Evaluation Report 01506.01.09-CAC-R25**

**FL620-R26**

**Date of Issuance: 2009-01-05**

**Revision 25: 2022-02-14**

**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 **7<sup>th</sup> Edition (2020) Florida Building Code** sections noted herein.

**DESCRIPTION: GAF Roof Maintenance Coatings for use in FBC non-HVHZ jurisdictions**

**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 P.E. 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 10.

**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 2022-02-14. 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  
**Product Approval Method:** Method 1, Option D – Codified Material, Evaluation by Engineer  
**Compliance Statement:** **GAF Roof Maintenance Coatings**, as outlined herein and produced by **GAF**, have demonstrated compliance with the **7<sup>th</sup> 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:**

<u>SECTION</u>	<u>PROPERTY</u>	<u>STANDARD</u>	<u>YEAR</u>
1507.10.2, 1507.14.3, R905.9.2, R905.11.2, R905.14.3	Material standard	ASTM D6083	2018
TAS 110	Material standard	TAS 139	1995
1523.1.1	Material standard	TAS 110	2000

**3. REFERENCES:**

<u>ENTITY</u>	<u>EXAMINATION</u>	<u>REFERENCE</u>	<u>Date</u>
NEMO (TST 6049)	ASTM D6083 (C-SC)	4p-GAF-19-SSLAP-01.A-R1	07/19/19
PRI (TST 5878)	ASTM D6083 (MA)	GAF-499-02-01	03/11/14
PRI (TST 5878)	Physical Properties (MA)	GAF-500-02-01	03/11/14
PRI (TST 5878)	Physical Properties (MA)	GAF-508-02-01	03/11/14
PRI (TST 5878)	Physical Properties (S-SC)	GAF-666-02-01	05/31/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-672-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-673-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-674-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-675-02-01	05/31/16
PRI (TST 5878)	Physical Properties (S-SC)	GAF-676-02-01	05/31/16
PRI (TST 5878)	Physical Properties (S-SC)	GAF-677-02-01	05/31/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-679-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-680-02-01	05/31/16
PRI (TST 5878)	Physical Properties (MA)	GAF-657-02-01	06/02/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-659-02-01	06/02/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-660-02-01	06/02/16
PRI (TST 5878)	Physical Properties (MO)	GAF-661-02-01	06/02/16
PRI (TST 5878)	Physical Properties (FI-SC)	GAF-663-02-01	06/02/16
PRI (TST 5878)	Physical Properties (WA)	GAF-664-02-01	06/02/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-665-02-01	06/02/16
PRI (TST 5878)	Physical Properties (MA)	GAF-658-02-01	06/06/16
PRI (TST 5878)	Adhesion (AZ)	GAF-687-02-01	06/06/16
PRI (TST 5878)	Adhesion (C-SC)	GAF-688-02-01	06/06/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-662-02-01	06/07/16
PRI (TST 5878)	Adhesion (AZ)	GAF-689-02-02	06/21/16
PRI (TST 5878)	Adhesion (MA)	GAF-691-02-02	06/21/16
PRI (TST 5878)	Adhesion (MA)	GAF-692-02-01	06/21/16
PRI (TST 5878)	Adhesion (AZ)	GAF-694-02-01	06/21/16
PRI (TST 5878)	Physical Properties	GAF-694-02-03	06/21/16
PRI (TST 5878)	TAS 139 (MA)	GAF-667-02-01	06/30/16
PRI (TST 5878)	TAS 139 (MA)	GAF-671-02-01	06/30/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-669-02-01	07/05/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-678-02-01	07/05/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-712-02-01	07/15/16

ENTITY	EXAMINATION	REFERENCE	Date
PRI (TST 5878)	ASTM D6083, Table 2 (MA)	GAF-498-02-01	09/16/16
PRI (TST 5878)	ASTM D6083, FIN (SC)	GAF-777-02-01	09/15/17
PRI (TST 5878)	ASTM D6083 (C-SC)	GAF-778-02-01	09/15/17
PRI (TST 5878)	Physical Properties (C-SC)	GAF-907-02-01	01/25/19
PRI (TST 5878)	Physical Properties (SC)	GAF-908-02-01	01/25/19
PRI (TST 5878)	Adhesion (C-SC)	GAF-911-02-01.01	05/24/19
PRI (TST 5878)	Physical Properties (C-SC)	376T0048	12/04/19
PRI (TST 5878)	Physical Properties (AZ)	376T0077	06/15/20
PRI (TST 5878)	Physical Properties (AZ)	376T0172	07/07/21
PRI (TST 5878)	ASTM D6083, FIN (AZ)	376T0159	08/31/21
UL, LLC. (QUA9625)	Quality Assurance	Service Confirmation	05/10/2021

#### 4. PRODUCT DESCRIPTION:

TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES				
BRAND	PRODUCT	MATERIAL STANDARD	MANUFACTURING	USE
GAF	Acrylic Top Coat	ASTM D6083	Charleston, SC Phoenix, AZ	Coating
	Acrylic Base Coat	N/A	Charleston, SC Phoenix, AZ	Base coat
	Premium Acrylic HydroStop® Top Coat	ASTM D6083	Charleston, SC Phoenix, AZ	Coating
	Premium Acrylic HydroStop® Base Coat	N/A	Charleston, SC Phoenix, AZ	Base coat
	Premium Fabric	N/A	Spartanburg, SC	Reinforcement
	Metal Fastener Fabric	N/A	Spartanburg, SC	Flashing/detailing (fastener heads)
	Surface Seal SB Roof Coating	ASTM D6083 (film)	Walpole, MA	Coating
	Sky-Lite (formerly TOPCOAT® Sky-Lite)	N/A	Walpole, MA	Coating
	Premium Brush-Grade Acrylic Flashing	N/A	Phoenix, AZ	Flashing/detailing
	HydroStop® BarrierGuard® Surface Coating	N/A	Charleston, SC Phoenix, AZ	Primer (masonry)
	HydroStop® TrafficCoat Deck Coating	N/A	Charleston, SC	Surfacing (non-skid)
	FireOut™ Fire Barrier Coating	N/A	Walpole, MA	Fire barrier
	FlexSeal™ Caulk Grade Sealant	TAS 139	Walpole, MA	Flashing/detailing
	FlexSeal™ Sealant	TAS 139	Walpole, MA	Flashing/detailing
	RepairPro Sealant	TAS 139	Walpole, MA	Flashing/detailing
	RepairPro Caulk Grade Sealant	TAS 139	Walpole, MA	Flashing/detailing
	Spray-Grade Acrylic Flashing (formerly United Coatings™ Roof Mate™ Spray Grade Flashing)	TAS 139	Walpole, MA	Flashing/detailing
	TPO Red Primer	N/A	Walpole, MA	Primer (TPO)
	XR-2000 Primer	N/A	Walpole, MA	Primer (coated metal)
	EnergyCote™ Roof Coating	N/A	Phoenix, AZ Walpole, MA	Touch-up (EnergyCap™ membranes)
I.S. Acrylic Top Coat	ASTM D6083, Type II	Charleston, SC	Coating	
Bleed-Block Acrylic Base Coat (formerly TOPCOAT® MB Plus and United Coatings™ Roof Mate™ MB Plus Coating)	N/A	Walpole, MA	Primer (asphaltic surfaces)	

**TABLE 1 (CONTINUED): EVALUATED MAINTENANCE COATINGS & ACCESSORIES**

BRAND	PRODUCT	MATERIAL STANDARD	MANUFACTURING	USE
<b>GAF</b>	Lock-Down Primer	N/A	Richmond, MO	Primer (metal)
	Metal Roof Primer <i>(formerly Acrylex 400)</i>	N/A	Charleston, SC Phoenix, AZ	Primer (masonry, metal, wood)
	Epoxy Primer	N/A	Charleston, SC Phoenix, AZ	Primer (porous surfaces)
	SureBond Primer	N/A	Charleston, SC Phoenix, AZ	Primer (masonry, chalky surfaces)
	UniBase Primer	N/A	Charleston, SC Phoenix, AZ	Primer (BUR, modified bitumen, coatings)
	EPDM Activator <i>(formerly CleanAct Rinseable Primer)</i>	N/A	Fountain Inn, SC	Primer (EPDM)
	Cleaning Concentrate <i>(formerly United Cleaning Concentrate (UCC))</i>	N/A	Olympia, WA	Cleaning agent
<b>TOPCOAT®</b>	Membrane	ASTM D6083	Walpole, MA	Coating
	MP-300	N/A	Walpole, MA	Primer
<b>United Coatings™</b>	Roof Mate™ TCM Coating	ASTM D6083	Walpole, MA	Coating
	Roof Mate™ Fabric	N/A	Spartanburg, SC	Reinforcement

## 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 **GAF Roof Maintenance Coatings** are components for use in Approved roof assemblies. Refer to the “Approved Use” in Section 4 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.
- 5.6 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 5.7 All products listed herein shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3** requirements.

**6. INSTALLATION:**

6.1 **GAF Roof Maintenance Coating** products shall be installed in accordance with **GAF** published installation instructions, subject to the Limitations in Section 5 and the Approved Use in Section 4.

TABLE 2: SUBSTRATES & APPLICATION RATES TOPCOAT® MEMBRANE COATING					
SUBSTRATE	PRIMER		PRODUCT	RATE (GAL/SQ.)	
	PRODUCT	RATE (GAL/SQ.)		BASE COAT	TOP COAT(S)
Galvanized Metal	(Optional) TOPCOAT MP-300	1.0	TOPCOAT Membrane	1.0 to 1.5	1.0 to 1.75
Built-up roof (BUR), smooth-surfaced, existing or new	Bleed-Block Acrylic Base Coat	1.0 to 1.25	TOPCOAT Membrane	1.0 to 1.5	1.75
APP modified bitumen, smooth-surfaced, existing	Bleed-Block Acrylic Base Coat	1.0 to 1.25	TOPCOAT Membrane	1.0 to 1.5	1.75
SBS modified bitumen, granule-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	TOPCOAT Membrane	1.0 to 1.5	1.75
Single ply, PVC, existing	None	N/A	TOPCOAT Membrane	1.0	1.5
Single ply, TPO, existing or new	None	N/A	TOPCOAT Membrane	1.0	1.5

TABLE 3: SUBSTRATES & APPLICATION RATES GAF SURFACE SEAL SB APPLICATION RATES					
SUBSTRATE	PRIMER		PRODUCT	RATE (GAL/SQ.)	
	PRODUCT	RATE (GAL/SQ.)		BASE COAT	TOP COAT
Built-up roof (BUR), smooth-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	Surface Seal SB Roof Coating	1.0 to 1.25	1.75
SBS modified bitumen, granule- or smooth-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	Surface Seal SB Roof Coating	1.0 to 1.25	1.75
APP modified bitumen, granule-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	Surface Seal SB Roof Coating	1.0 to 1.25	1.75
APP modified bitumen, smooth-surfaced, existing	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	Surface Seal SB Roof Coating	1.0 to 1.25	1.75
Single ply, EPDM, existing or new <i>(fully adhered only)</i>	None	N/A	Surface Seal SB Roof Coating	2 @ 0.5 gal/sq. per coat	1.5
Single ply, TPO, existing or new	None	N/A	Surface Seal SB Roof Coating	2 @ 0.5 gal/sq. per coat	1.5
Structural concrete	None	N/A	Surface Seal SB Roof Coating	1.0 to 1.25	1.75

TABLE 4: SUBSTRATES & APPLICATION RATES					
FIREOUT™ FIRE BARRIER COATING					
SUBSTRATE	PRIMER		PRODUCT	RATE (GAL/SQ.)	
	PRODUCT	RATE (GAL/SQ.)		BASE COAT	TOP COAT
Wood	None	N/A	FireOut Fire Barrier Coating	None	1.0
	Allow to dry completely prior to membrane installation.				
	Consult a current Fire Resistance Directory for applicable fire ratings of roof systems installed atop GAF FireOut Fire Barrier Coating.				

TABLE 5: SUBSTRATES & APPLICATION RATES				
UNITED COATINGS™ ROOF MATE™ TCM COATING				
SUBSTRATE	PRIMER	BASE COAT	INTERMEDIATE COAT	FINISH COAT
Galvanized Metal	(Optional) Metal Roof Primer at 0.5 gal/square	Roof Mate TCM Coating at 1.0 gal/square.	(Optional) Roof Mate TCM Coating at 1.0 gal/square.	Roof Mate TCM Coating at 1.0 gal/square.
APP modified bitumen, granule-surfaced, existing or new; Built-up roof (BUR), granule- or smooth-surfaced, existing or new or SBS modified bitumen, granule- or smooth-surfaced, existing or new	None	Bleed-Block Acrylic Base Coat or Roof Mate TCM Coating at 1.0 gal/square	(Optional) Roof Mate TCM Coating at 1.0 gal/square.	Roof Mate TCM Coating at 1.0 gal/square.
APP modified bitumen, granule-surfaced, existing or new; Built-up roof (BUR), granule- or smooth-surfaced, existing or new or SBS modified bitumen, granule- or smooth-surfaced, existing or new	None	Bleed-Block Acrylic Base Coat at 0.5 gal/square	Roof Mate TCM Coating at 1.0 gal/square.	Roof Mate TCM Coating at 1.0 gal/square.
APP modified bitumen, granule-surfaced, existing or new; APP modified bitumen, smooth-surfaced, existing or SBS modified bitumen, granule- or smooth-surfaced, existing or new	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Roof Mate TCM Coating at 1.0 gal/square
Single Ply, EPDM, existing or new	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Roof Mate TCM Coating at 1.0 gal/square
Single Ply, PVC, existing or new	None	Roof Mate TCM Coating at 1.0 gal/square.	(Optional) Roof Mate TCM Coating at 1.0 gal/square.	Roof Mate TCM Coating at 1.0 gal/square.
Single Ply, TPO, existing or new	TPO Red Primer at 0.5 gal/square	Roof Mate TCM Coating at 1.0 gal/square.	(Optional) Roof Mate TCM Coating at 1.0 gal/square.	Roof Mate TCM Coating at 1.0 gal/square.
Single Ply, TPO, existing or new	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Roof Mate TCM Coating at 1.0 gal/square
Structural concrete	None	Roof Mate TCM Coating at 1.0 gal/square	(Optional) Roof Mate TCM Coating at 1.0 gal/square	Roof Mate TCM Coating at 1.0 gal/square
Structural concrete	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Roof Mate TCM Coating at 1.0 gal/square

**TABLE 6: SUBSTRATES & APPLICATION RATES**  
**GAF ACRYLIC TOP COAT**

SUBSTRATE	PRIMER	BASE COAT	INTERMEDIATE COAT	FINISH COAT
Galvanized Metal	(Optional) Metal Roof Primer at 0.5 gal/square	Acrylic Base Coat at 1.5 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Built-up roof (BUR), smooth-surfaced, existing	Cleaning Concentrate	Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
APP modified bitumen, granule-surfaced, existing or new; Built-up roof (BUR), smooth-surfaced, existing or new or SBS modified bitumen, smooth-surfaced, existing	None	Bleed-Block Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
APP modified bitumen, granule-surfaced, existing or new; Built-up roof (BUR), smooth-surfaced, existing or new or SBS modified bitumen, smooth-surfaced, existing or new	None	Bleed-Block Acrylic Base Coat at 0.5 gal/square	Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Built-up roof (BUR), granule-surfaced, existing or new or SBS modified bitumen, granule-surfaced, existing or new	None	Bleed-Block Acrylic Base Coat or Acrylic Base Coat at 1.0 gal/square.	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Built-up roof (BUR), granule-surfaced, existing or new or SBS modified bitumen, granule-surfaced, existing or new	None	Bleed-Block Acrylic Base Coat at 0.5 gal/square.	Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
APP modified bitumen, granule-surfaced, existing or new or SBS modified bitumen, granule- or smooth-surfaced, existing or new	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Single Ply, EPDM, existing or new	EPDM Activator at 0.2 gal/square	Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.5 gal/square
Single Ply, EPDM, existing or new	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Single Ply, CSPE (Hypalon), existing	Cleaning Concentrate	Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Single Ply, PVC, existing or new	None	Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Single Ply, TPO, existing or new	TPO Red Primer at 0.5 gal/square	Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Single Ply, TPO, existing or new	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square

TABLE 6: SUBSTRATES & APPLICATION RATES				
GAF ACRYLIC TOP COAT				
SUBSTRATE	PRIMER	BASE COAT	INTERMEDIATE COAT	FINISH COAT
Spray-Applied Polyurethane Foam (SPUF)	None	(Optional) Acrylic Base Coat at 1.0 to 1.5 gal/square	One or two coats, Acrylic Top Coat at 1.0 to 1.5 gal/square per coat.	Acrylic Top Coat at 1.0 to 1.5 gal/square
Structural concrete	(Optional) Epoxy Primer at 0.4 gal/square or SureBond Primer at 0.4 gal/square	Acrylic Base Coat at 1.0 gal/square	(Optional) Acrylic Top Coat at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square
Structural concrete	None	SurfaceSeal SB Roof Coating at 1.0 gal/square	(Optional) SurfaceSeal SB Roof Coating at 1.0 gal/square	Acrylic Top Coat at 1.0 gal/square

TABLE 7: SUBSTRATES & APPLICATION RATES				
PREMIUM ACRYLIC HYDROSTOP®				
<b>Note:</b> Application consists of Premium Acrylic HydroStop Base Coat at 1.25 gal/square followed by Premium Fabric embedded into the wet Premium Acrylic HydroStop Base Coat, with minimum 4" wide seams, and a saturation coat of Premium Acrylic HydroStop Base Coat applied at a minimum rate of 1.25 gal/square. Premium Acrylic HydroStop Top Coat is then applied in two or more coats, at 0.75 gal/square per coat.				
SUBSTRATE	PRIMER	BASE COAT	REINFORCE	FINISH COAT(S)
Galvanized Metal	(Optional) Metal Roof Primer at 0.5 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
APP modified bitumen, granule-surfaced, existing or new	Unisil A/B Primer at 1.16 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
APP modified bitumen, smooth-surfaced, existing	Unisil A/B Primer at 0.83 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Built-up roof (BUR), granule-surfaced, existing or new	(Optional) Unisil A/B Primer at 1.16 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Built-up roof (BUR), smooth-surfaced, existing or new	Unisil A/B Primer at 0.83 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
SBS modified bitumen, granule-surfaced, existing or new	(Optional) Unisil A/B Primer at 1.16 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
SBS modified bitumen, smooth-surfaced, existing or new	(Optional) Unisil A/B Primer at 0.83 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Single Ply, PVC, existing or new	(Optional) Unisil A/B Primer at 0.33 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Single Ply, TPO, existing or new	TPO Red Primer at 0.5 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Single Ply, TPO, existing	Unisil A/B Primer at 0.33 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Spray-Applied Polyurethane Foam (SPUF)	None	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Structural concrete	(Optional) Epoxy Primer at 0.4 gal/square or SureBond Primer at 0.4 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat



**TABLE 7: SUBSTRATES & APPLICATION RATES  
PREMIUM ACRYLIC HYDROSTOP®**

*Note: Application consists of Premium Acrylic HydroStop Base Coat at 1.25 gal/square followed by Premium Fabric embedded into the wet Premium Acrylic HydroStop Base Coat, with minimum 4" wide seams, and a saturation coat of Premium Acrylic HydroStop Base Coat applied at a minimum rate of 1.25 gal/square. Premium Acrylic HydroStop Top Coat is then applied in two or more coats, at 0.75 gal/square per coat.*

SUBSTRATE	PRIMER	BASE COAT	REINFORCE	FINISH COAT(S)
Structural concrete	Treatment: HydroStop BarrierGuard Surface Coating, two coats at 0.67 gal/square per coat Primer (Optional): SureBond Primer at 0.4 gal/square	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat
Plywood	None	Premium Acrylic HydroStop Base Coat	See Note	Premium Acrylic HydroStop Top Coat

**TABLE 8: SUBSTRATES & APPLICATION RATES  
I.S. ACRYLIC TOP COAT**

SUBSTRATE	TREATMENT	PRIMER	COATING
Galvanized metal	None	(Optional) Metal Roof Primer at 0.33 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
Built-up roof (BUR), granule-surfaced, existing	Cleaning Concentrate	Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 1.0 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
Built-up roof (BUR), granule-surfaced, new	(Optional) Cleaning Concentrate	Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 1.0 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
Built-up roof (BUR), smooth-surfaced, existing or new	None	Bleed-Block Acrylic Base Coat at 0.5 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
APP modified bitumen, granule-surfaced, existing	Cleaning Concentrate	Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 1.0 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
APP modified bitumen, granule-surfaced, new	(Optional) Cleaning Concentrate	(Optional) Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 1.0 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
APP modified bitumen, smooth-surfaced, existing	Cleaning Concentrate	Bleed-Block Acrylic Base Coat at 0.5 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
SBS modified bitumen, granule-surfaced, existing	Cleaning Concentrate	Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 1.0 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
SBS modified bitumen, granule-surfaced, new	Cleaning Concentrate	(Optional) Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 1.0 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
SBS modified bitumen, smooth-surfaced, existing	Cleaning Concentrate	Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 0.5 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
SBS modified bitumen, smooth-surfaced, new	(Optional) Cleaning Concentrate	Bleed-Block Acrylic Base Coat or SurfaceSeal SB Roof Coating at 0.5 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
Single Ply, PVC, existing or new	None	(Optional) Unisil A/B Primer at 0.33 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square

**TABLE 8: SUBSTRATES & APPLICATION RATES**  
**I.S. ACRYLIC TOP COAT**

SUBSTRATE	TREATMENT	PRIMER	COATING
Single Ply, EPDM, existing or new	EPDM Activator at 0.2 gal/square	None	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
Single Ply, TPO, existing or new	None	TPO Red Primer at 0.25 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square
Structural concrete	None	(Optional) SureBond Primer at 0.4 gal/square	I.S. Acrylic Top Coat at 3.0 to 3.5 gal/square

**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: (613) 371-2765; [Jacob.Stewart@ul.com](mailto:Jacob.Stewart@ul.com)

**- END OF EVALUATION REPORT -**