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Product Approval
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OFFICE OF THE SECRETARY

| FL # | FL620-R28 | | | | | | | | |
|--|---|-----------------|-------------|------------|------|---------|------|---------|------|
| Application Type | Revision | | | | | | | | |
| Code Version | 2020 | | | | | | | | |
| Application Status | Approved | | | | | | | | |
| Comments | | | | | | | | | |
| Archived | <input type="checkbox"/> | | | | | | | | |
| Product Manufacturer | GAF | | | | | | | | |
| Address/Phone/Email | 1 Campus Drive Parispany, NJ 07054 (800) 766-3411 mstieh@gaf.com | | | | | | | | |
| Authorized Signature | Robert Nieminen lreith@nemoetc.com | | | | | | | | |
| Technical Representative | William Broussard | | | | | | | | |
| Address/Phone/Email | 1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 TechnicalQuestionsGAF@gaf.com | | | | | | | | |
| Quality Assurance Representative | | | | | | | | | |
| Address/Phone/Email | | | | | | | | | |
| Category | Roofing | | | | | | | | |
| Subcategory | Cements-Adhesives-Coatings | | | | | | | | |
| Compliance Method | Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received | | | | | | | | |
| Florida Engineer or Architect Name who developed the Evaluation Report | Robert Nieminen | | | | | | | | |
| Florida License | PE-59166 | | | | | | | | |
| Quality Assurance Entity | UL LLC | | | | | | | | |
| Quality Assurance Contract Expiration Date | 07/12/2025 | | | | | | | | |
| Validated By | John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received | | | | | | | | |
| Certificate of Independence | FL620_R28_COI_2022_01_COI_NIEMINEN.pdf | | | | | | | | |
| Referenced Standard and Year (of Standard) | <table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM D6083</td> <td>2018</td> </tr> <tr> <td>TAS 110</td> <td>2000</td> </tr> <tr> <td>TAS 139</td> <td>1995</td> </tr> </tbody> </table> | <u>Standard</u> | <u>Year</u> | ASTM D6083 | 2018 | TAS 110 | 2000 | TAS 139 | 1995 |
| <u>Standard</u> | <u>Year</u> | | | | | | | | |
| ASTM D6083 | 2018 | | | | | | | | |
| TAS 110 | 2000 | | | | | | | | |
| TAS 139 | 1995 | | | | | | | | |
| Equivalence of Product Standards Certified By | | | | | | | | | |
| Sections from the Code | | | | | | | | | |

Product Approval Method Method 1 Option D

Date Submitted 10/16/2022
 Date Validated 10/17/2022
 Date Pending FBC Approval 10/25/2022
 Date Approved 12/13/2022

Summary of Products

| FL # | Model, Number or Name | Description |
|---|--|--|
| 620.1 | GAF Roof Maintenance Coatings for FBC non-HVHZ jurisdictions | Liquid applied roof coatings |
| Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Refer to ER Section 5. | | Installation Instructions FL620_R28_II_2022_10_12_FINAL_ER_GAF_C-A-C_FL620-R28.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL620_R28_AE_2022_10_12_FINAL_ER_GAF_C-A-C_FL620-R28.pdf Created by Independent Third Party: Yes |

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Product Approval Accepts:





NEMO|etc.

Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

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-R27

FL620-R28

Date of Issuance: 01/05/2009

Revision 27: 10/12/2022

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: 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.

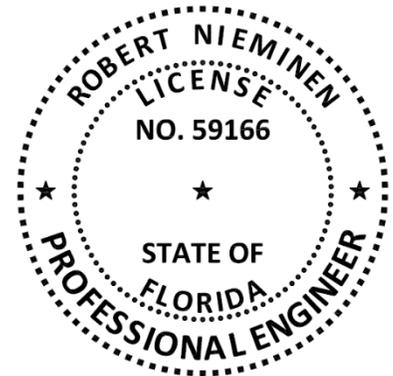
ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

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 8.

Prepared by: **Digitally signed
by Robert
Nieminen
Date: 2022.10.13
'11:42:44 -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 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 **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 |
|--|-------------------|------------|------|
| 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:

| ENTITY | EXAMINATION | REFERENCE | Date |
|-----------------|-----------------------------|-------------------------|----------|
| GAF | Equivalency | Declaration | 08/03/22 |
| NEMO (TST 6049) | ASTM D6083 (C-SC) | 4p-GAF-19-SSLAP-01.A-R1 | 07/19/19 |
| 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 (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 (S-SC) | GAF-676-02-01 | 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) | 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-692-02-01 | 06/21/16 |
| PRI (TST 5878) | Adhesion (AZ) | GAF-694-02-01 | 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-678-02-01 | 07/05/16 |
| PRI (TST 5878) | Physical Properties (AZ) | GAF-712-02-01 | 07/15/16 |
| 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 (MA) | GAF-873-02-01 | 01/23/19 |
| 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 |

| ENTITY | EXAMINATION | REFERENCE | Date |
|--------------------|--------------------------|----------------------|----------|
| 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 |
| PRI (TST 5878) | Physical Properties (MA) | 376T0270 | 01/14/22 |
| UL, LLC. (QUA9625) | Quality Assurance | Service Confirmation | 07/12/22 |
| UL, LLC. (QUA9625) | Quality Assurance | Florida BCIS | Current |

4. PRODUCT DESCRIPTION:

| TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES | | | |
|---|--|---------------------|-------------------------------|
| USE | PRODUCT | MATERIAL STANDARD | MANUFACTURING |
| COATING | GAF Acrylic Top Coat | ASTM D6083 | Charleston, SC Phoenix, AZ |
| | GAF Premium Acrylic HydroStop® Top Coat | ASTM D6083 | Charleston, SC Phoenix, AZ |
| | GAF I.S. Acrylic Top Coat | ASTM D6083, Type II | Charleston, SC |
| | GAF Surface Seal SB Roof Coating | ASTM D6083 (film) | Walpole, MA |
| | GAF Sky-Lite | N/A | Walpole, MA |
| BASE COAT | GAF Acrylic Base Coat | N/A | Charleston, SC Phoenix, AZ |
| | GAF Premium Acrylic HydroStop® Base Coat | N/A | Charleston, SC Phoenix, AZ |
| REINFORCEMENT | GAF Premium Fabric | N/A | Spartanburg, SC |
| FLASHING/DETAILING | GAF Premium Brush-Grade Acrylic Flashing | N/A | Phoenix, AZ |
| | GAF FlexSeal™ Sealant | TAS 139 | Walpole, MA |
| | GAF FlexSeal™ Caulk Grade Sealant | TAS 139 | Walpole, MA |
| | GAF RepairPro Sealant | TAS 139 | Walpole, MA |
| | GAF RepairPro Caulk Grade Sealant | TAS 139 | Walpole, MA |
| | GAF Spray-Grade Acrylic Flashing | TAS 139 | Walpole, MA |
| CLEANING AGENT | GAF Cleaning Concentrate | N/A | Olympia, WA |
| PRIMER | GAF Bleed-Block Acrylic Base Coat | N/A | Walpole, MA |
| | GAF UniBase Primer | N/A | Charleston, SC Phoenix, AZ |
| | GAF EPDM Activator | N/A | Fountain Inn, SC |
| | GAF BarrierGuard® Surface Coating | N/A | Charleston, SC Phoenix, AZ |
| | GAF SureBond Primer | N/A | Charleston, SC Phoenix, AZ |
| | GAF Lock-Down Primer | N/A | Richmond, MO |
| | GAF Metal Roof Primer | N/A | Charleston, SC Phoenix, AZ |
| | GAF Epoxy Primer | N/A | Charleston, SC Phoenix, AZ |
| | GAF TPO Red Primer | N/A | Walpole, MA |
| TOUCH-UP (ENERGYCAP™ MEMBRANES) | GAF EnergyCote™ Roof Coating | N/A | Phoenix, AZ Walpole, MA |
| FIRE BARRIER | GAF FireOut™ Fire Barrier Coating | N/A | Walpole, MA |

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 | | | | | |
|--|--|-----------------|----------------------------------|---------------------------|----------|
| 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 | GAF 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 | GAF 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 | GAF 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 | GAF 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 | GAF Surface Seal SB Roof Coating | 2 @ 0.5 gal./sq. per coat | 1.5 |
| Single ply, TPO, existing or new | None | N/A | GAF Surface Seal SB Roof Coating | 2 @ 0.5 gal./sq. per coat | 1.5 |
| Structural concrete | None | N/A | GAF Surface Seal SB Roof Coating | 1.0 to 1.25 | 1.75 |

| TABLE 3: SUBSTRATES & APPLICATION RATES | | | | | |
|---|--|-----------------|----------------------------------|-----------------|----------|
| GAF FIREOUT™ FIRE BARRIER COATING | | | | | |
| SUBSTRATE | PRIMER | | PRODUCT | RATE (GAL./SQ.) | |
| | PRODUCT | RATE (GAL./SQ.) | | BASE COAT | TOP COAT |
| Wood | None | N/A | GAF 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 4: SUBSTRATES & APPLICATION RATES | | | | |
|--|--|---|--|--------------------------------------|
| GAF ACRYLIC TOP COAT | | | | |
| SUBSTRATE | PRIMER | BASE COAT | INTERMEDIATE COAT | FINISH COAT |
| Galvanized Metal | (Optional) GAF Metal Roof Primer at 0.5 gal./sq. | GAF Acrylic Base Coat at 1.5 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Built-up roof (BUR), smooth-surfaced, existing | GAF Cleaning Concentrate | GAF Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| 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 | GAF Bleed-Block Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| 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 | GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Built-up roof (BUR), granule-surfaced, existing or new or SBS modified bitumen, granule-surfaced, existing or new | None | GAF Bleed-Block Acrylic Base Coat or GAF Acrylic Base Coat at 1.0 gal./sq.. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Built-up roof (BUR), granule-surfaced, existing or new or SBS modified bitumen, granule-surfaced, existing or new | None | GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq.. | GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| APP modified bitumen, granule-surfaced, existing or new or SBS modified bitumen, granule- or smooth-surfaced, existing or new | None | GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | (Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Single Ply, EPDM, existing or new | GAF EPDM Activator at 0.2 gal./sq. | GAF Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Single Ply, EPDM, existing or new | None | GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | (Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Single Ply, CSPE (Hypalon), existing | GAF Cleaning Concentrate | GAF Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Single Ply, PVC, existing or new | None | GAF Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |

TABLE 4: SUBSTRATES & APPLICATION RATES
GAF ACRYLIC TOP COAT

| SUBSTRATE | PRIMER | BASE COAT | INTERMEDIATE COAT | FINISH COAT |
|--|--|---|---|---|
| Single Ply, TPO, existing or new | GAF TPO Red Primer at 0.5 gal./sq. | GAF Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Single Ply, TPO, existing or new | None | GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | (Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Spray-Applied Polyurethane Foam (SPUF) | None | (Optional) GAF Acrylic Base Coat at 1.0 to 1.5 gal./sq. | One or two coats, GAF Acrylic Top Coat at 1.0 to 1.5 gal./sq. per coat. | GAF Acrylic Top Coat at 1.0 to 1.5 gal./sq. |
| Structural concrete | (Optional) GAF Epoxy Primer at 0.4 gal./sq. or GAF SureBond Primer at 0.4 gal./sq. | GAF Acrylic Base Coat at 1.0 gal./sq. | (Optional) GAF Acrylic Top Coat at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |
| Structural concrete | None | GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | (Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF Acrylic Top Coat at 1.0 gal./sq. |

TABLE 5: SUBSTRATES & APPLICATION RATES
GAF PREMIUM ACRYLIC HYDROSTOP®

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

| SUBSTRATE | PRIMER | BASE COAT | REINFORCE* | FINISH COAT(S) |
|---|--|---|------------|--|
| Galvanized Metal | (Optional) GAF Metal Roof Primer at 0.5 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| APP modified bitumen, granule-surfaced, existing or new | United Coatings Unisil A/B Primer at 1.16 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| APP modified bitumen, smooth-surfaced, existing | United Coatings Unisil A/B Primer at 0.83 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Built-up roof (BUR), granule-surfaced, existing or new | (Optional) United Coatings Unisil A/B Primer at 1.16 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Built-up roof (BUR), smooth-surfaced, existing or new | United Coatings Unisil A/B Primer at 0.83 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| SBS modified bitumen, granule-surfaced, existing or new | (Optional) United Coatings Unisil A/B Primer at 1.16 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| SBS modified bitumen, smooth-surfaced, existing or new | (Optional) United Coatings Unisil A/B Primer at 0.83 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Single Ply, PVC, existing or new | (Optional) United Coatings Unisil A/B Primer at 0.33 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Single Ply, TPO, existing or new | GAF TPO Red Primer at 0.5 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Single Ply, TPO, existing | United Coatings Unisil A/B Primer at 0.33 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Spray-Applied Polyurethane Foam (SPUF) | None | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |
| Structural concrete | (Optional) GAF Epoxy Primer at 0.4 gal./sq. or GAF SureBond Primer at 0.4 gal./sq. | GAF Premium Acrylic HydroStop Base Coat | See Note | GAF Premium Acrylic HydroStop Top Coat |

**TABLE 5: SUBSTRATES & APPLICATION RATES
GAF PREMIUM ACRYLIC HYDROSTOP®**

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

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

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

| SUBSTRATE | TREATMENT | PRIMER | COATING |
|---|-------------------------------------|---|--|
| Galvanized metal | None | (Optional) GAF Metal Roof Primer at 0.33 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Built-up roof (BUR), granule-surfaced, existing | GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Built-up roof (BUR), granule-surfaced, new | (Optional) GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Built-up roof (BUR), smooth-surfaced, existing or new | None | GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| APP modified bitumen, granule-surfaced, existing | GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| APP modified bitumen, granule-surfaced, new | (Optional) GAF Cleaning Concentrate | (Optional) GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| APP modified bitumen, smooth-surfaced, existing | GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| SBS modified bitumen, granule-surfaced, existing | GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| SBS modified bitumen, granule-surfaced, new | GAF Cleaning Concentrate | (Optional) GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| SBS modified bitumen, smooth-surfaced, existing | GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 0.5 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| SBS modified bitumen, smooth-surfaced, new | (Optional) GAF Cleaning Concentrate | GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 0.5 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Single Ply, PVC, existing or new | None | (Optional) United Coatings Unisil A/B Primer at 0.33 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Single Ply, EPDM, existing or new | GAF EPDM Activator at 0.2 gal./sq. | None | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Single Ply, TPO, existing or new | None | GAF TPO Red Primer at 0.25 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |
| Structural concrete | None | (Optional) GAF SureBond Primer at 0.4 gal./sq. | GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq. |

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

- END OF EVALUATION REPORT -