MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

GAF
1 Campus Drive
Parsippany, NJ 07054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Premium Acrylic HydroStop® System over Concrete Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

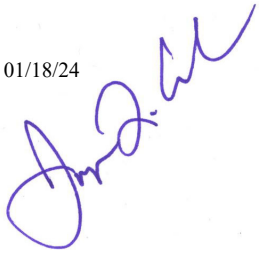
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA 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 NOA revises NOA No. 23-0502.01 and consists of pages 1 through 14.
The submitted documentation was reviewed by Jorge L. Acebo.

01/18/24



ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Liquid Applied Roof System
Deck Type: Concrete
Material: Elastomeric
Maximum Design Pressure: -610 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Container Sizes	Test Specification	Product Description
GAF Cleaning Concentrate (formerly known as United Cleaning Concentrate)	1 & 5 Gallon	Proprietary	Biodegradable cleaning agent with specific functional ingredients for degreasing and removing soils and biological residues for proper cleaning of roof surfaces.
GAF BarrierGuard® Surface Coating (formerly known as HydroStop® BarrierGuard® Waterproofing)	2 & 5 Gallon	Proprietary	Priming and waterproofing compound for masonry surfaces.
GAF SureBond Primer	2 & 5 Gallon	Proprietary	Acrylic primer used for sealing masonry and chalky surfaces.
GAF Unibase Primer	5 Gallon	Proprietary	Low viscosity, highly penetrating, acrylic polymer primer.
GAF Lock-Down Primer	1 & 5 Gallon	Proprietary	Moisture-Cure Urethane Primer for Corrosion Protection on Metal Surfaces
GAF Metal Roof Primer (formerly known as Acrylex 400 Primer)	1 & 5 Gallon	Proprietary	Acrylic latex primer for use over metal, masonry and wood surfaces.
GAF FlexSeal™ Sealant	1 & 5 Gallon or 1 qt. Tube	TAS 139	Solvent-based, elastomeric sealant.
GAF Premium Acrylic HydroStop® Base Coat	2 & 5 Gallon	Proprietary	An acrylic elastomeric compound used as a base layer in the GAF Premium Acrylic HydroStop® System.
GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric)	Rolls	Proprietary	Reinforcing fabric for the GAF Premium Acrylic HydroStop® System and/or BarrierGuard®.
GAF Premium Brush-Grade Acrylic Flashing (formerly known as HydroStop® PremiumCoat® Butter Grade Flashing)	2 & 5 Gallon	Proprietary	Acrylic elastomeric sealant for bridging gaps, filling voids and low-lying roof areas.
GAF Spray-Grade Acrylic Flashing (formerly known as United Coatings™ Roof Mate Liquid Fabric)	5 & 55 Gallon	TAS 139	Water based, sprayable high elastic flashing compound.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Container Sizes	Test Specification	Product Description
GAF Premium Acrylic HydroStop® Top Coat	2 & 5 Gallon	ASTM D6083	An acrylic elastomeric compound used as a top layer in the GAF Premium Acrylic HydroStop® System.
GAF TrafficCoat Pedestrian Surface Coating	2 & 5 Gallon	Proprietary	Acrylic elastomeric compound used as a smooth or textured non-skid surfacing layer over the GAF Premium Acrylic HydroStop® System.
LRF Adhesive M	1:1 Applicator	Proprietary	A two-part VOC free polyurethane foam adhesive.
LRF Adhesive XF	1:1 Applicator	Proprietary	A two-part polyurethane foam adhesive.
GAF Surface Seal SB	5 or 55 gal	ASTM D6083	Solvent based sprayable thermoplastic rubber sealant designed to protect various types of roofing surfaces.
GAF Bonding Primer	1 or 5 gal	Proprietary	A two-part solvent-based epoxy primer.
Matrix™ 307 Premium Asphalt Primer	15oz. spray can; 1, 5, 55 gallons	ASTM D41	A general-purpose asphalt based primer used as a bonding coat for preparation of roof surfaces prior to the application of subsequent roofing materials.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
EnergyGuard™ Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ Tapered Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ Ultra Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ Ultra Tapered Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RA Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RA Tapered Polyiso Insulation	Polyisocyanurate foam insulation	GAF
Dens Deck®	Gypsum Board	Georgia Pacific Gypsum LLC
Dens Deck® Prime®	Gypsum Board	Georgia Pacific Gypsum LLC
Securock® Gypsum Fiber Roof Board	Gypsum Board	USG Corporation

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Atlantic & Caribbean Roof Consulting, LLC	09-019	TAS 114	10/27/09
	09-020	TAS 114	10/28/09
	12-020	TAS 114	05/08/12
FM Approvals	3031350	FM 4470	09/27/07
	3036182	FM 4470	07/31/09
	3041769	FM 4470	05/26/11
	3045166	FM 4470	07/24/12
	3047636	FM 4470	08/08/13
	FM Letter 3048066	FM 4470	12/13/13
	RR204740	FM 4470	03/29/16
	RR204845	FM 4470	04/08/16
	RR204846	FM 4470	04/08/16
	PR455417	FM 4470	12/23/20
PRI Construction Materials Technologies LLC	GAF-498-02-01	ASTM D6083	09/16/16
	GAF-629-02-01	ASTM C1289	02/26/16
	GAF-658-02-01	Proprietary	06/07/16
	GAF-659-02-01	Proprietary	06/03/16
	GAF-660-02-01	Proprietary	06/03/16
	GAF-661-02-01	Proprietary	06/03/16
	GAF-662-02-01	Proprietary	06/07/16
	GAF-664-02-01	Proprietary	06/03/16
	GAF-665-02-01	Proprietary	06/03/16
	GAF-667-02-01	TAS 139 & Proprietary	07/01/16
	GAF-668-02-01	TAS 139	07/01/16
	GAF-671-02-01	TAS 139	07/01/16
	GAF-674-02-01	Proprietary	06/01/16
	GAF-676-02-01	Proprietary	06/01/16
	GAF-678-02-01	Proprietary	07/14/16
	GAF-679-02-01	Proprietary	06/01/16
	GAF-680-02-01	Proprietary	06/01/16
	GAF-755-02-01	TAS 114	02/02/17
	HSI-007-02-01	ASTM D6083	05/20/16
	HSI-009-02-01	ASTM D6083	05/20/16
	376T0006-1	TAS 114	09/16/19
	376T0038	TAS 114	01/09/20
	376T0063	TAS 114	04/02/20
	376T0066	TAS 114	10/26/20
	376T0340	Proprietary	10/28/22
	376T0341	Proprietary	10/28/22
	376T0339	TAS 114	01/20/23
	376T0338	TAS 114	01/20/23
	376T0398	Proprietary	04/13/23
Exterior Research & Design	4697.12.00-1	TAS 114	12/07/00
NEMO ETC, LLC	GAF-SC16825.05.18	TAS 114	05/22/18
	4a-GAF-22-LSWUS-01.A	TAS 114	04/27/23
	4a-GAF-22-LSWUS-01.B	TAS 114	04/27/23
UL LLC	R6935	UL790	05/11/23

APPROVED ASSEMBLIES

Membrane Type: Liquid Applied Membrane

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Structural Concrete

System Type A(1): Insulation adhered to roof deck. Membrane fully adhered to insulation.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System Limitations apply.

One or more layers of the following insulations.

Insulation:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation, EnergyGuard™ Ultra Polyiso Insulation, EnergyGuard™ Ultra Tapered Polyiso Insulation		
Minimum 1" thick	**N/A**	**N/A**

Note: Insulation is adhered with OlyBond® 500 Adhesive, OlyBond® 500 Green, LRF Adhesive M, Millennium One Step™ Foamable Adhesive, Millennium One Step Green® Foamable Adhesive applied in 1" wide ribbons spaced 12" o.c. OR LRF Adhesive XF applied in 0.75 – 1 in wide ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Insulation Joint Treatment Note: GAF Premium Acrylic HydroStop® Base Coat is brush applied over all top insulation layer joints in a 6 in. width at a rate of 1.25 gal./sq. centered about each joint. 6 in. wide GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat. The fabric is then saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at 1.25 gal/sq.

Membrane: GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat base coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions.
*Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -223 psf. (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Structural Concrete

System Type A(2): Insulation adhered to roof deck. Membrane fully adhered to insulation.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System Limitations apply.

Vapor Retarder (Optional): Matrix™ 307 Premium Asphault Primer is applied at a minimum rate of 0.5 gal/sq. One ply GAF Ruberoid® HW 25 Smooth is heat welded on to the primed substrate.

One or more layers of the following insulations.

Base Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation, EnergyGuard™ Ultra Polyiso Insulation, EnergyGuard™ Ultra Tapered Polyiso Insulation		
Minimum 1/2" thick	**N/A**	**N/A**

Top Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
Dens Deck®		
Minimum ¼" thick	**N/A**	**N/A**

Note: Insulation is adhered with LRF Adhesive XF applied in 0.75 – 1 in wide ribbons spaced 12" o.c. OR with OlyBond® 500 Adhesive, OlyBond® 500 Green, LRF Adhesive M, Millennium One Step™ Foamable Adhesive, Millennium One Step Green® Foamable Adhesive applied in 0.75" – 1.0" wide ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as Base Layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Insulation Joint Treatment Note: GAF Premium Acrylic HydroStop® Base Coat is brush applied over all top insulation layer joints in a 6 in. width at a rate of 1.25 gal./sq. centered about each joint. 6 in. wide GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat. The fabric is then saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at 1.25 gal/sq.

Membrane: GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat base coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions. *Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -135 psf. (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Structural Concrete

System Type A(3): Insulation adhered to roof deck. Membrane fully adhered to insulation.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System Limitations apply.

One or more layers of the following insulations.

Base Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation, EnergyGuard™ Ultra Polyiso Insulation, EnergyGuard™ Ultra Tapered Polyiso Insulation		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Dens Deck® Prime®		
Minimum ¼" thick	**N/A**	**N/A**

Note: Insulation is adhered with OlyBond® 500 Adhesive, OlyBond® 500 Green or LRF Adhesive M applied in 1" wide ribbons spaced 12" o.c. OR with LRF Adhesive XF applied in 0.75 – 1 in wide ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as Base Layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Insulation Joint Treatment Note: GAF Premium Acrylic HydroStop® Base Coat is brush applied over all top insulation layer joints in a 6 in. width at a rate of 1.25 gal./sq. centered about each joint. 6 in. wide GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat. The fabric is then saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at 1.25 gal/sq.

Membrane: GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet HydroStop® PremiumCoat® Foundation Coat base coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions. *Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -240 psf . (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Structural Concrete

System Type A(4): Insulation adhered to roof deck. Membrane fully adhered to insulation.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System Limitations apply.

Vapor Retarder (Optional): Matrix™ 307 Premium Asphault Primer is applied at a minimum rate of 0.5 gal/sq. One ply GAF Ruberoid ® HW 25 Smooth is heat welded on to the primed substrate.

One or more layers of the following insulations.

Base Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation, EnergyGuard™ Ultra Polyiso Insulation, EnergyGuard™ Ultra Tapered Polyiso Insulation		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
Dens Deck® Prime®		
Minimum ¼" thick	**N/A**	**N/A**

Note: Insulation is adhered with OlyBond® 500 Adhesive, OlyBond® 500 Green or LRF Adhesive M applied in 1" wide ribbons spaced 12" o.c. OR with LRF Adhesive XF applied in 0.75 – 1 in wide ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as Base Layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Insulation Joint Treatment Note: GAF Premium Acrylic HydroStop® Base Coat is brush applied over all top insulation layer joints in a 6 in. width at a rate of 1.25 gal./sq. centered about each joint. 6 in. wide GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat. The fabric is then saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at 1.25 gal/sq.

Membrane: GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet HydroStop® PremiumCoat® Foundation Coat base coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions. *Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -240 psf. (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Structural Concrete

System Type A(5): Insulation adhered to roof deck. Membrane fully adhered to insulation.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System Limitations apply.

One or more layers of the following insulation.

Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RA Tapered Polyiso Insulation Minimum 1.5" thick	**N/A**	**N/A**

Note: Insulation is adhered with LRF Adhesive XF applied in 0.75 – 1 in wide ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Insulation Joint Treatment Note: GAF Premium Acrylic HydroStop® Base Coat is brush applied over all top insulation layer joints in a 6 in. width at a rate of 1.25 gal./sq. centered about each joint. 6 in. wide GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat. The fabric is then saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at 1.25 gal/sq.

Membrane: GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat base coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions.
*Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -307.5 psf. (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Structural Concrete

System Type A(6): Insulation adhered to roof deck. Membrane fully adhered to insulation.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System Limitations apply.

One or more layers of the following insulation.

Base Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation, EnergyGuard™ Ultra Polyiso Insulation, EnergyGuard™ Ultra Tapered Polyiso Insulation		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer:	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Securock® Gypsum Fiber Roof Board		
Minimum ¼" thick	**N/A**	**N/A**

Note: All Insulation layers are adhered with LRF Adhesive M, LRF Adhesive XF, or OlyBond 500 applied in 0.75 – 1 in wide ribbons spaced 12" o.c.

Insulation Joint Treatment Note: GAF Premium Acrylic HydroStop® Base Coat is brush applied over all top insulation layer joints in a 6 in. width at a rate of 1.25 gal./sq. centered about each joint. 6 in. wide GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat. The fabric is then saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at 1.25 gal/sq.

Membrane: GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat base coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions.
*Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -510 psf. (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3: Structural Concrete, non-insulated

Deck: Structural Concrete

System Type F(1): GAF Premium Acrylic HydroStop® System applied to a structural concrete deck.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System limitations apply.

Membrane: GAF BarrierGuard® Surface Coating (formerly known as HydroStop® BarrierGuard® Waterproofing) applied in two (2) coats at a rate of 0.67 gal./sq. per coat.

GAF SureBond Primer applied at rate of 0.5 gal./sq.

GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions. *Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -610 psf. (See General Limitation #9)

Membrane Type: Liquid Applied Membrane

Deck Type 3: Structural Concrete, non-insulated

Deck: Structural Concrete

System Type F(2): GAF Premium Acrylic HydroStop® System applied to a structural concrete deck.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

All General and System limitations apply.

Membrane: GAF Bonding Primer applied at rate of 0.2 – 0.25 gal./sq.

GAF Premium Acrylic HydroStop® Base Coat is brush applied at a minimum rate of 1.25 gal./sq.

GAF Premium Fabric (formerly known as HydroStop® PremiumCoat® Fabric) is embedded in the wet GAF Premium Acrylic HydroStop® Base Coat within 4 in. wide seams and is saturated with additional GAF Premium Acrylic HydroStop® Base Coat brush applied at a minimum rate of 1.25 gal./sq.

Two (2) or more coats of GAF Premium Acrylic HydroStop® Top Coat are applied at a minimum rate of 0.75 gal./sq. per coat.

Surfacing: (Optional) GAF TrafficCoat Pedestrian Surface Coating applied per manufacturer's installation instructions. *Note: See Concrete Deck Limitation #2.

Maximum Design Pressure: -502.5 psf. (See General Limitation #9)

Membrane Type:	Liquid Applied Membrane
Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(3):	Fully adhered liquid applied system.

All General Limitations apply.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

Substrate Preparation:	All surfaces must be dry and free of depressions, voids protrusions; clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.
Primer (optional):	Apply one coat of GAF Bonding Primer at 0.20-0.25 gal/100ft^2.
Base Coat:	Apply one coat of GAF Surface Seal SB at a rate of 1 to 1.25 gallon per square per coat. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface.
Finish Coat(s):	Apply two or more coats of GAF Surface Seal SB at a rate of 1 to 1.25 gallon per square per coat. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface. *Note: See Concrete Deck Limitation #2.
Maximum Design Pressure:	–502.5 psf. (See General Limitation #9

MANUFACTURER'S REQUIREMENTS:

1. Contractor must be a GAF HydroStop® "Approved Applicator", trained and familiar with the details and specifications published by the manufacturer. Proof of this qualification shall be provided in written form from the manufacturer.
2. Refer to GAF's published installation instructions for detailed installation requirements and recommendations.

CONCRETE DECK SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.
2. The assemblies listed herein are not approved as and shall not be used for Waterproofings System jobs as required by the Florida Building Code Chapter 15 HVHZ.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer.
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt and/or adhesives panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
   Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant
   (When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
   (When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE