MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Gaco a div. of Holcim Solutions and Products US, LLC
200 4th Ave. South
Nashville, TN 37201

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: GacoRoofFoam™ over Gypsum Decks

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city and state of manufacturing facility, 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. 23-0405.11 and consists of pages 1 through 4.
The submitted documentation was reviewed by Jorge L. Acebo.

09/26/24

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Spray Applied Polyurethane Roof System
Materials:	Polyurethane
Deck Type:	Gypsum
Maximum Design Pressure:	-222.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specifications	Product Description
GacoRoofFoam™ 2733	2.5 to 3.0 lbs./ft^3 density	TAS 110	Polyurethane spray applied foam that utilizes an HFC blowing agent intended for roofing applications.
GacoFlex® A-31	3 coats, 3.75gal/100ft^2 min. total	ASTM D6083	Acrylic one-component elastomeric coating.
GacoFlex® S-21	1 or 2 coats, 1.5gal/100ft^2 min. total	ASTM D6694	Silicone one-component, solvent-free, moisture-cured, elastomeric coating
GacoFlex® S-42	1 or 2 coats, 1.25 gal/100ft^2 min. total	ASTM D6694	Silicone one-component, solvent-free, moisture-cured, elastomeric coating.
GacoFlex® S-20	1 or 2 coats, 1.5gal/100ft^2 min. total	ASTM D6694	Silicone one-component, solvent-free, moisture-cured, elastomeric coating.
GacoRoof® GR-16	1 or 2 coats, 2.0gal/100ft^2 min. total	ASTM D6694	Silicone one-component elastomeric coating.
GacoFlex® S-10	1 or 2 coats, 2.2gal/100ft^2 min. total	ASTM D6694	Silicone one-component elastomeric Coating.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Intertek	102219761MID-001	TAS 110 SPUF Physical Properties	07/22/15
	102206114MID-001	ASTM C273/D1622	07/22/15
PRI Construction Materials	GWI-046-02-01	Proprietary	05/24/17
	GWI-045-02-01	ASTM D6083	07/21/17
	GWI-042-02-01	ASTM D6694	01/09/18
	GWI-050-02-01	Proprietary	05/22/18
	GWI-044-02-01	ASTM D6694	01/09/18
	GWI-067-02-02A	FM 4474 / TAS 114 J	12/07/18
	GWI-024-02-02	ASTM D6694	06/01/16
	GWI-026-02-01	ASTM D6694	12/11/15
	GWI-071-02-01	ASTM D6694	09/15/19
	GWI-043-02-02	ASTM D6694	01/09/18
UL LLC	R5663	UL 790	09/10/24

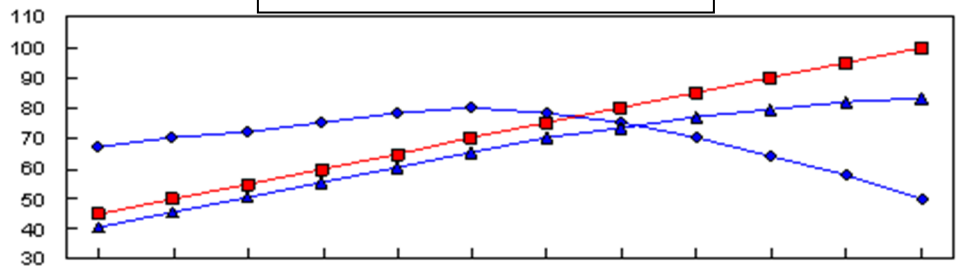
Deck Type 6:	Gypsum, Non-Insulated
Deck Description:	Poured Gypsum
System Type F:	Sprayed polyurethane foam applied directly to deck and covered with the specified Miami-Dade Approved roof coating.

All General and System Limitations apply.

Surface Preparation:	Substrate shall be free of loose dirt, grease, oil or other contaminants prior to priming or foam application. Remove all loose dirt or debris by use of compressed air, vacuum or brooming. No washing shall be permitted. Oil, grease, release agents or other contaminants shall be removed with proper cleaning solutions.
Polyurethane Foam Application:	**GacoRoofFoam™ 2733** shall be applied uniformly over the entire surface at the specified thickness in compliance with the requirements set forth in Roofing Application Standard RAS 109, but in no case shall it be less than 1" thick. The sprayed polyurethane foam shall be feathered at the edges to produce a smooth transition.
Protective Coating Application:	**GacoFlex® A-31, GacoFlex® S-21, GacoFlex® S-20, GacoRoof® GR-16, GacoFlex® S-10 or GacoFlex® S-42** shall be applied according to the coating manufacturer's current published application instructions. Polyurethane foam surface shall be free of moisture, dust, debris, oils, tars, grease or other materials that will impair adhesion of the protective coverings. Any damage or defects to the polyurethane foam surface shall be repaired prior to the coating application. The coating shall be applied the same day as the foam when possible. If more than 72 hours elapse prior to the application of the coatings, the polyurethane foam shall be inspected for UV degradation.
Maximum Design Pressure:	-222.5 psf. (See General Limitation #9)

TABLE 1
AMBIENT HUMIDITY APPLICATION LIMITS
SPRAYED POLYURETHANE FOAM

Gaco a div. of Holcim Solutions and Products US, LLC
Air Temp/ Humidity/ Dew Point Guideline



	45	67	40.5	50	70	45.5	55	72	50.5	60	75	55.5
Air	45	50	55	60	65	70	75	80	85	90	95	100
Hu	67	70	72	75	78	80	78	75	70	64	58	50
De	40.5	45.5	50.5	55.5	60.5	65.5	70	73.5	77	79.5	82	83

Dew point and relative humidity for given dry bulb temperature.

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. Spray polyurethane foam shall not be sprayed when ambient temperature is within 5 degrees of the dew point. Ambient humidity applications limits shall be as listed in Table 1 herein. Contractor shall monitor and record environmental conditions in the Job Log in compliance with RAS 109. Job Log shall be maintained at the job site and accessible to The Building Official.
3. Flashings and waterproof coverings for expansion joints shall be of compatible materials and according to the sprayed polyurethane foam manufacture's published literature.
4. Miscellaneous materials such as adhesives, elastomeric caulking compounds, metal, vents and drains shall be a composite part of the roof system and shall be compatible with the foam and coating.
5. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
6. 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.
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.)**

END OF THIS ACCEPTANCE