



NEMO|etc.

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ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Gaco (Amrize Building Envelope LLC)

1245 Chapman Drive
Waukesha, WI 53186
(800) 331-0196

PEER-HSP-001.A.R5

FL14724-R15

Date of Issuance: 02/10/2021

Revision 5: 10/21/2025

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. 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 compliance with the **8th Edition (2023) Florida Building Code** [sections noted herein](#).

DESCRIPTION: GacoFlex™ Roof Coatings

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This PEER 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 PEERs by the named applicant 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 PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

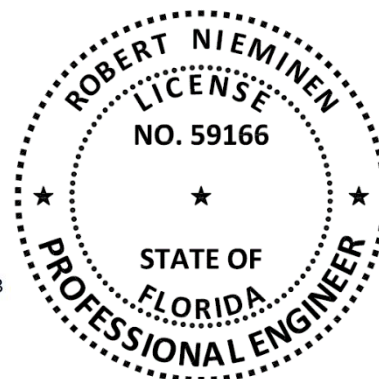
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 10.

Prepared by:

Digitally signed by
Robert Nieminen
Date: 2025.10.21
'12:14:07 -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 PEERs 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 PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing

Sub-Category: Cements – Adhesives - Coatings

Compliance Statement: GacoFlex™ Roof Coatings, as produced by Gaco (Amrize Building Envelope LLC), have demonstrated compliance with the following sections of the 8th Edition (2023) Florida Building Code through testing in accordance with the Standards set forth herein. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
1507.10.2, 1507.14.3, 1509.2, R905.9.2, R905.11.2, R905.14.3, 1523.6.2.1.1, 1523.6.5.2.12.2, TAS 110	Material standard	ASTM D6083
1507.14.3, 1509.2, R905.14.3, R905.15.2, TAS 110	Material standard	ASTM D6694
1507.15.2	Material standard	ASTM C957
1523.6.2.1.1	Wind driven rain	TTC-555B (ASTM D6904)

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO (TST6049)	ASTM D6083, TTC-555B	4p-FBP-22-SSLAP-01.A	04/11/2022
NEMO (TST6049)	ASTM D6083	4p-HSP-23-SSLAP-01.A	11/28/2023
NEMO (TST6049)	ASTM D6083, TTC-555B	4p-HSP-SSLAP-001.A	06/03/2025
NEMO (TST6049)	ASTM D6694	4p-AMZ-SSLAP-001	09/29/2025
FM (TST1867)	ASTM D7281 (TTC-555B, D6904)	PR465698	11/18/2024
FM (TST1867)	ASTM D7281 (TTC-555B, D6904)	PR463774	02/26/2025
PRI (TST5878)	ASTM D6694	GWI-026-02-01	12/11/2015
PRI (TST5878)	ASTM D6694, adhesion	GWI-024-02-02	06/01/2016
PRI (TST5878)	ASTM D6694	GWI-042-02-01	01/09/2018
PRI (TST5878)	ASTM D6694	GWI-044-02-01	01/09/2018
PRI (TST5878)	ASTM D6694	GWI-043-02-01	01/09/2018
PRI (TST5878)	ASTM D6694, adhesion	GWI-062-02-01	10/25/2018
PRI (TST5878)	ASTM D6694	GWI-071-02-01	09/12/2019
PRI (TST5878)	ASTM D6694, adhesion	348T0030	02/10/2020
PRI (TST5878)	ASTM D6083	348T0053	09/10/2020
PRI (TST5878)	ASTM D6083, adhesion	348T0098	12/01/2020
UL, LLC (QUA 9625)	Quality Control	Service Confirmation	10/21/2022

4. PRODUCT DESCRIPTION:

The following GacoFlex™ Roof Coatings are acceptable for use in any roof system approval or – for roof coatings – any fire rating directory listing, which refers to the specific product or to the codified ASTM designation for the product.

TABLE 1A: EVALUATED COATINGS			
Product	Material Standard	Plant(s)	Approved Use
GacoFlex A47	ASTM D6083, Type I	Waukesha, WI	water-borne, single component elastomeric roof coating
GacoFlex A48	ASTM D6083, Type II	Waukesha, WI	water-borne, single component elastomeric roof coating
GacoFlex U91 and GacoFlex U91C	ASTM D6083, Type I ASTM C957	Waukesha, WI	single-component aromatic urethane roof coating for use as foundation coat for the Gaco U9 Series coating system
GacoFlex U92	ASTM D6083, Type II	Waukesha, WI	single-component aliphatic urethane roof coating for use as finish coat for the Gaco U9 Series coating system
GacoFlex S10	ASTM D6694	Waukesha, WI	single-component waterproof elastomeric moisture-curing silicone roof coating
GacoFlex S20	ASTM D6694	Waukesha, WI	solvent-free, single-component waterproof elastomeric moisture-curing silicone roof coating
GacoFlex S21	ASTM D6694	Waukesha, WI	solvent-free, single-component waterproof elastomeric moisture-curing silicone roof coating
GacoFlex S42	ASTM D6694	Waukesha, WI	solvent-free, single-component waterproof elastomeric moisture-curing silicone roof coating
GacoRoof GR16	ASTM D6694	Waukesha, WI	single component elastomeric air-dry silicone roof coating
TABLE 1B: SUBSTRATE TREATMENTS & PRIMERS			
Product	Material Standard	Plant(s)	Approved Use
GacoFlex A-4271 BleedTrap Base Coat	N/A	Waukesha, WI	single-component, water-based sealer for use on roofing substrates containing bitumen
GacoFlex E-5320	N/A	Waukesha, WI	two-component water-based epoxy primer/filler
GacoFlex E-5691	N/A	Waukesha, WI	three-component (Parts A, B & water), water-borne-epoxy penetrating sealer/primer for concrete decks.
GacoPrime LVOC	N/A	South Bend, IN	Solvent-based primer
GacoWash	N/A	Waukesha, WI	concentrated cleaning solution for roofing membranes, metal panels and existing waterproofing systems

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 PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER 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.
- 5.3 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** or **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.4 **GacoFlex™ Roof 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.
- 5.5 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 5.6 All products listed herein shall have quality assurance audit in accordance with F.A.C. [Rule 61G20-3](#) requirements.

6. INSTALLATION:

- 6.1 **GacoFlex™ Roof Coatings** shall be installed in accordance with **Gaco (Amrize Building Envelope LLC)** installation instructions, subject to the Approved Use in [Section 4](#) and [Limitations of Use](#) herein.
- 6.1.1 Primers, foundation coat(s), fabric (when installed) and finish coat(s) shall be in accordance with **Gaco (Amrize Building Envelope LLC)** wet-mil and dry-mil thickness requirements.

6.2 Allowable Substrates:

TABLE 2A: ALLOWABLE SUBSTRATES					
GACOFLEX A47 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Gravel	Existing (aged)	N/A	GacoFlex E-5320	GacoFlex A47
Coating, acrylic	N/A	Existing (aged)	N/A	N/A	
Concrete, structural	N/A	New or Existing (aged)	N/A	N/A	
Metal, aluminum	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	
				GacoPrime LVOC	
Metal, Galvalume®	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Metal, galvanized steel	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Metal, PVDF Kynar coated	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Modified Bitumen, APP	Granule	Existing (aged)	N/A	GacoFlex E-5320	
Modified Bitumen, SBS	Granule	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
	Sanded	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
Single Ply, CSPE (Hypalon)	N/A	Existing (aged)	N/A	GacoFlex E-5320	
				GacoPrime LVOC	
Single Ply, EPDM	black	Existing (aged)	N/A	GacoFlex E-5320	
				GacoPrime LVOC	
Single Ply, KEE	N/A	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
Single Ply, PVC	N/A	Existing (aged)	N/A	(Optional) GacoPrime LVOC	
Single Ply, TPO	N/A	Existing (aged)	N/A	GacoFlex E-5320	
				GacoPrime LVOC	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	

TABLE 2B: ALLOWABLE SUBSTRATES
GACOFLEX A48 SERIES

SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Granule	Existing (aged)	N/A	(Optional) GacoFlex E-5320 (Optional) GacoPrime LVOC	GacoFlex A48
Coating, acrylic	N/A	Existing (aged)	N/A	N/A	
Coating, urethane	N/A	New or Existing (aged)	N/A	N/A	
Concrete, structural	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E5691	
Metal, aluminum	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Metal, Galvalume®	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Metal, galvanized steel	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Metal, PVDF Kynar coated	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Modified Bitumen, APP	Granule	Existing (aged)	N/A	(Optional) GacoFlex E-5320 (Optional) GacoPrime LVOC	
	Sanded	Existing (aged)	N/A	GacoFlex E-5320	
Modified Bitumen, SBS	Granule	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Single Ply, CSPE (Hypalon)	N/A	Existing (aged)	N/A	GacoFlex E-5320	
				GacoPrime LVOC	
Single Ply, EPDM	black	Existing (aged)	N/A	GacoFlex E-5320	
				GacoPrime LVOC	
Single Ply, KEE	N/A	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Single Ply, PVC	N/A	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Single Ply, TPO	N/A	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
				(Optional) GacoPrime LVOC	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	
Wood	OSB	New or Existing (aged)	N/A	N/A	
	Plywood	New or Existing (aged)	N/A	N/A	

TABLE 3: ALLOWABLE SUBSTRATES
GACOFLEX U9 SERIES

SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION				
Built-up roof (BUR)	Gravel	Existing (aged)	N/A	(Optional) GacoFlex E-5320	GacoFlex U91 or GacoFlex U91C	GacoFlex U92
Coating, acrylic	N/A	Existing (aged)	N/A	N/A		
Concrete, structural	N/A	New or Existing (aged)	Etched	(Optional) GacoFlex E-5691		
Metal, aluminum	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320		
				(Optional) GacoPrime LVOC		
Metal, Galvalume®	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320		
				(Optional) GacoPrime LVOC		
Metal, galvanized steel	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320		
				(Optional) GacoPrime LVOC		
Metal, PVDF Kynar coated	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320		
				(Optional) GacoPrime LVOC		
Modified Bitumen, APP	Granule	Existing (aged)	N/A	GacoFlex E-5320		
	Sanded	Existing (aged)	N/A	GacoFlex E-5320		
Modified Bitumen, SBS	Granule	Existing (aged)	N/A	(Optional) GacoFlex E-5320		
	Sanded	Existing (aged)	N/A	(Optional) GacoFlex E-5320		
Single Ply, CSPE (Hypalon)	N/A	Existing (aged)	N/A	(Optional) GacoFlex E-5320		
				(Optional) GacoPrime LVOC		
Single Ply, KEE	N/A	New or Existing (aged)	N/A	GacoFlex E-5320		
		Existing (aged)	N/A	GacoPrime LVOC		
Single Ply, PVC	N/A	New or Existing (aged)	N/A	GacoFlex E-5320		
Single Ply, TPO	N/A	Existing (aged)	N/A	GacoPrime LVOC		
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A		

TABLE 4A: ALLOWABLE SUBSTRATES GACOFLEX S10 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Smooth	New or Existing (aged)	GacoWash	GacoFlex E-5320	GacoFlex S10
Coating, acrylic	N/A	Existing (aged)	GacoWash	GacoFlex E-5320	
Metal, galvanized steel	N/A	New or Existing (aged)	GacoWash	GacoFlex E-5320	
Modified Bitumen, SBS	Granule	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, KEE	N/A	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Single Ply, PVC	N/A	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	

TABLE 4B: ALLOWABLE SUBSTRATES GACOFLEX S20 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Smooth	New or Existing (aged)	GacoWash	GacoFlex E-5320	GacoFlex S20
Coating, acrylic	N/A	Existing (aged)	GacoWash	GacoFlex E-5320	
Metal, galvanized steel	N/A	New or Existing (aged)	GacoWash	GacoFlex E-5320	
Modified Bitumen, APP	Granule	New or Existing (aged)	(Optional) GacoFlex A-4271	GacoFlex E-5320	
	Sanded	New or Existing (aged)	N/A	GacoFlex E-5320	
Modified Bitumen, SBS	Granule	New or Existing (aged)	(Optional) GacoFlex A-4271	GacoFlex E-5320	
	Sanded	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, EPDM	black	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Single Ply, KEE	N/A	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Single Ply, PVC	N/A	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	

TABLE 4C: ALLOWABLE SUBSTRATES					
GACOFLEX S21 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Metal, galvanized steel	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	GacoFlex S21
Modified Bitumen, APP	Granule	New or Existing (aged)	(Optional) GacoFlex A-4271	GacoFlex E-5320	
Modified Bitumen, SBS	Granule	New or Existing (aged)	(Optional) GacoFlex A-4271	GacoFlex E-5320	
	Sanded	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, CSPE (Hypalon)	N/A	Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, EPDM	Black	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, KEE	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, PVC	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, TPO	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	

TABLE 4D: ALLOWABLE SUBSTRATES					
GACOFLEX S42 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Coating, acrylic	N/A	Existing (aged)	N/A	N/A	GacoFlex S42
Coating, silicone	N/A	Existing (aged)	N/A	N/A	
Concrete, structural	N/A	New or Existing (aged)	N/A	N/A	
Metal, aluminum	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
			N/A	(Optional) GacoPrime LVOC	
Metal, Galvalume®	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
			N/A	(Optional) GacoPrime LVOC	
Metal, galvanized steel	N/A	New or Existing (aged)	N/A	(Optional) GacoFlex E-5320	
			N/A	(Optional) GacoPrime LVOC	
Metal, PVDF Kynar coated	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	
			N/A	GacoPrime LVOC	
Modified Bitumen, APP	Granule	New or Existing (aged)	N/A	(Optional) GacoFlex A-4271	
Modified Bitumen, SBS	Granule	New or Existing (aged)	N/A	(Optional) GacoFlex A-4271	
	Sanded	New or Existing (aged)	N/A	(Optional) GacoFlex A-4271	
Single Ply, CSPE (Hypalon)	N/A	Existing (aged)	N/A	(Optional) GacoFlex E-5320	
			N/A	(Optional) GacoPrime LVOC	

TABLE 4D: ALLOWABLE SUBSTRATES					
GACOFLEX S42 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Single Ply, KEE	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	GacoFlex S42
			N/A	GacoPrime LVOC	
Single Ply, PVC	N/A	New or Existing (aged)	N/A	GacoFlex E-5320	
			N/A	GacoPrime LVOC	
Single Ply, TPO	N/A	New or Existing (aged)	N/A	GacoPrime LVOC	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	

TABLE 4E: ALLOWABLE SUBSTRATES					
GACOROOF GR16 SERIES					
SUBSTRATE (NOTE 5.5)			TREATMENT	PRIMER	FOUNDATION AND/OR FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Smooth	New or Existing (aged)	GacoWash	GacoFlex E-5320	GacoRoof GR16
Coating, acrylic	N/A	Existing (aged)	GacoWash	GacoFlex E-5320	
Metal, galvanized steel	N/A	New or Existing (aged)	GacoWash	GacoFlex E-5320	
Modified Bitumen, SBS	Granule	New or Existing (aged)	N/A	GacoFlex E-5320	
Single Ply, EPDM	black	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Single Ply, KEE	N/A	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Single Ply, PVC	N/A	New or Existing (aged)	TSP-PF	GacoFlex E-5320	
Spray polyurethane foam (SPUF)	N/A	New	N/A	N/A	

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](#); (360) 817-5512; bsai.inspections@ul.com

- END OF PEER -