



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: KARNAK CORPORATION
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Clark, NJ 07066
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Manufacturing Plants: Kingman, AZ
Brookfield, WI
Guelph, ON, Canada

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Cements -Adhesives-Coatings
Code Sections: 1507.10.2, 1507.14.3, 1507.15.2
Properties: Physical Properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	512T0043	ASTM D 6694	2008(2013)e1
PRI Construction Materials Technologies (TST5878)	512T0046	Physical Properties	-
PRI Construction Materials Technologies (TST5878)	512T0047	ASTM D 6083	2021
PRI Construction Materials Technologies (TST5878)	512T0048	Physical Properties	-

PRODUCT DESCRIPTION

Products	Specification	Description
670HS Karna-Sil Ultra	ASTM D 6694	A single-component, high solids, moisture curing silicone roof coating that is used as a top coat
180 Karna-Sil Epoxy (A&B)	Proprietary	A two-component, 1 to 1 ratio, water-based epoxy primer that is used as a surface prep
406 Tru-Grip	ASTM D 6083	An acrylic elastomeric co-polymer emulsion that is used as a base coat only for adhesion to substrates
671 Karna-Seal	Proprietary	A single-component, moisture curing 100% silicone roof adhesive that is used to make repairs



APPLICATION

The following notes shall be observed when using the application instructions below:

1. All surfaces shall be repaired, clean, dry, and free of debris and ponding water prior to application and according to manufacturer's instructions.
2. Applications are valid for coating new and existing roof systems, unless otherwise specified.

670HS Karna-Sil Ultra Silicone Coating	
Substrate	Application Detail
Galvanized Steel Metal Panels; Concrete	Clean substrate with 799 Wash-N-Prep Roof Cleaner. Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness
Spray Polyurethane Foam Roofs	Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness
Existing EPDM Single-Ply Membranes	Clean substrate with 507 SPC Primer/Wash. Apply one (1) coat of 406 Tru-Grip at a minimum rate of 1.5 gal/100ft ² . Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness.
Existing Hypalon (CSPE) Single-Ply Membranes; Existing KEE Single-Ply Membranes; Existing TPO Single-Ply Membranes; PVC Single-Ply Membranes	Clean substrate with 799 Wash-N-Prep Roof Cleaner. Apply one (1) coat of 180 Karna-Sil Epoxy primer at a minimum rate of 0.33 gal/100ft ² . Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness.
Concrete; APP Modified Bitumen (Granule); SBS Modified Bitumen (Granule); APP Modified Bitumen (Smooth); SBS Modified Bitumen (Smooth); Existing Hypalon (CSPE) Single-Ply Membranes; Existing KEE Single-Ply Membranes; Existing PVC Single-Ply Membranes; Spray Polyurethane Foam Roofs; TPO Single-Ply Membranes	Clean substrate with 799 Wash-N-Prep Roof Cleaner. Apply one (1) coat of 406 Tru-Grip at a minimum rate of 1.5 gal/100ft ² . Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness.
EPDM Single-Ply Membranes	Clean substrate with 507 SPC Primer/Wash. Apply one (1) coat of 180 Karna-Sil Epoxy primer at a minimum rate of 0.33 gal/100ft ² . Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness.
APP Modified Bitumen (Granule); SBS Modified Bitumen (Granule)	Clean substrate with 799 Wash-N-Prep Roof Cleaner. Apply one (1) coat of 180 Karna-Sil Epoxy primer at a minimum rate of 1.00 gal/100ft ² . Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness.
Existing BUR (Smooth); APP Modified Bitumen (Smooth); SBS Modified Bitumen (Smooth)	Clean substrate with 799 Wash-N-Prep Roof Cleaner. Apply one (1) coat of 180 Karna-Sil Epoxy primer at a minimum rate of 0.66 gal/100ft ² . Apply one (1) coat of 670HS Karna-Sil Ultra at a minimum 20 mil dry film thickness.

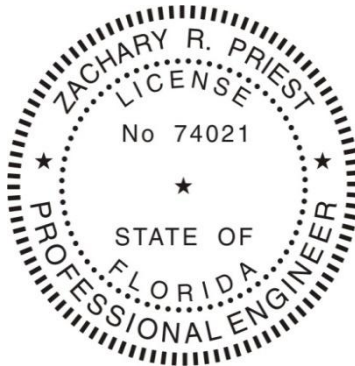


LIMITATIONS

1. This report is not for use in the HVHZ.
2. Fire classification is not within the scope of this evaluation.
3. Structural integrity of the roofing substrate or assembly is not within scope of this evaluation. Refer to the appropriate product approval for installation of these components within a roof assembly.
4. Installation of the evaluated products shall be in strict compliance with this evaluation report, the FBC, and the manufacturer's published installation instructions. In the event of conflict, the more restrictive and FBC compliant installation shall be enforced.
5. This product shall not be applied in inclement weather conditions.
6. This product may be used as described in other current FBC product approval documents.
7. Refer to manufacturer's published instructions for proper storage and shelf life considerations.
8. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest have demonstrated compliance with the Florida Building Code, 8th Edition (2023) as evidenced in the referenced documents submitted by the named manufacturer.



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Priest, PE, on 10/15/2025.

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CERTIFICATION OF INDEPENDENCE

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END OF REPORT