

## Product Comparison

	670HS Karna-Sil Ultra	Other Brands
• Resists Ponding Water	Yes	No
• Application 50°F - 120°F	Yes	No
• Re-coating Required	No	Yes
• Limited Lifetime Material Warranty	Lifetime	No

## Compatible With

- Most existing roof coatings
- Low-sloped roofs and flat roofs
- Weathered asphalt, EPDM, TPO, PVC and Hypalon®
- Aged modified bitumen and torch-applied roofing with SBS and APP Modified Bitumen
- Composite
- Concrete, wood, fiberglass, metal, wood
- Spray Polyurethane Foam roofing (SPF)
- Some surfaces require the use of 180 Karna-Sil Epoxy Primer - Contact KARNAK Technical Services.

**Not for use on 3-tab asphalt or architectural shingles.**

Verify proper adhesion with a 670HS Karna-Sil Ultra test patch prior to product application.



## Approvals:



## 670HS Karna-Sil Ultra Advantages

- Advanced silicone chemistry delivers assurance of long-term protection.
- Exceeds performance of other roof coatings such as acrylic, urethane, asphalt and Hypalon®.
- Designed for potable rainwater catchment systems.
- Protects against damaging UV rays and extreme temperatures.
- Resists ponding water.
- Excellent resistance to mold, mildew and staining.
- Adheres to most roof substrates.

## Leadership

KARNAK is an industry leader in innovative roofing & waterproofing solutions for commercial, industrial and residential applications.

## Proven Performance Never Goes Out of Style.

Founded in 1933, KARNAK is still family owned and operated today with a continued commitment to new product innovation, dedication to environmental stewardship and service excellence.



## Limited Lifetime Material Warranty Protection

## Contact Us

Contact our technical professionals for assistance  
800-526-4236 or 732-388-0300. Email [info@karnakcorp.com](mailto:info@karnakcorp.com).

Visit [www.karnakcorp.com](http://www.karnakcorp.com) for more information regarding sustainable solutions.



# KARNAK

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# KARNAK

## 670HS Karna-Sil™ Ultra

### Silicone Roof Coating System



**RESISTS  
PONDING WATER**

**Don't Re-Roof...Restore, with 670HS Karna-Sil™ Ultra**

## Proven performance and long-lasting results, guaranteed.



- 100% silicone roof coating
- Exceptional adhesion
- Resists ponding water
- Compatible for use with flat or sloped roofs
- Designed for potable rainwater catchment systems
- Limited lifetime material warranty
- CRRC Initial Reflectance: 0.87
- CRRC Aged Reflectance: 0.70



## Restore your weathered roof with 670HS Karna-Sil™ Ultra for superior protection.

### 670HS Karna-Sil Ultra Surpasses Other Products.

- More durable, outlasting performance
- Optimal weatherproofing
- Creates a seamless, permanent, watertight membrane
- Withstands ponding water

670HS Karna-Sil Ultra Silicone Roof Coating is backed by a reputable company with over 80 years of experience.

### ENERGY STAR® Rated

670HS Karna-Sil Ultra ENERGY STAR-Rated roof coating helps buildings qualify for LEED Certification. 670HS Karna-Sil Ultra provides protection against extreme weather conditions and UV rays. KARNAK 670HS Karna-Sil Ultra roof coating, when properly installed, keeps building temperatures cooler and reduces building operating costs.

### Complete Restoration System

- KARNAK 799 Spray-N-Wash concentrated roof cleaner.
- KARNAK 180 Karna-Sil Epoxy Primer.
- 550 Patch-N-Go Self-Adhering Roof Tape seals cracks, seams, transitions, roof penetrations and fasteners.
- Resat-Mat Reinforcing Polyester Mesh covers seams, joints, fasteners and tears.
- Karna-Flex and Karna-Flex WB brushable mastic makes jobs easy.
- 670HS Karna-Sil Ultra, High Solids Solvent-Free, Silicone Roof Coating.
- Available in white, tan and gray.
- Special colors available based on minimum order quantities of 50 five-gallon pails.

With 670HS Karna-Sil Ultra roof coating, there is no need to re-coat after application. 670HS Karna-Sil Ultra delivers a lasting, permanent membrane that withstands the elements.

To restore your roof and achieve results that exceed expectations contact KARNAK Technical Services at 800-526-4236. [www.karnakcorp.com](http://www.karnakcorp.com)

Restore your roof with 670HS Karna-Sil Ultra long-lasting weatherproof protection.



Surfaces to be coated should be dry, clean, and free of dirt, dust, grease, oil and loose rust or coating. Power wash surfaces with 799 Wash-N-Prep Roof Cleaner and water. For EPDM use 507 SPC Primer/Wash and water. Wash roof surfaces with a minimum of 2000 psi. taking all necessary precautions to avoid damage to the roof system. Patch and repair all seams, flashings, cracks and leaks with Karna-Flex WB or Karna-Flex and Resat-Mat or 550 Patch-N-Go Fleece self sealing tape (not for asphalt surfaces).

Apply a 670HS Karna-Sil Ultra test patch to verify proper coating adhesion prior to product application. Wait 24 hours for optimal results. If required, prime roof surfaces with 180 Karna-Sil Epoxy Primer according to product application instructions.

Mix coating prior to application with a 3" diameter mixer (5-gallon pail) or 6" diameter mixer (55-gallon drum). Once product is mixed, the entire container should be used. 670HS Karna-Sil Ultra may be applied by brush, roller or airless spray equipment. Apply at temperatures 50°F and rising. Do not apply if rain is expected within 24 hours after application. Commencement of work by the contractor implies approval of the roof surface.

#### Flat Roofs (less than 1:12 pitch/5°):

Use a solvent-resistant ¾" or 1" nap roller. Dip roller directly into product pail and apply to roof. May also pour product directly on to flat roof surface and roll out evenly.

#### Pitched Roofs (greater than 1:12 pitch/5°):

Follow all safety guidelines and use caution when working on a pitched roof. Use a solvent-resistant ¾" or 1" nap roller, dip into pail to apply. A roof pitch greater than 4:12/19° is not considered walkable. Use safety equipment to reach areas as necessary to properly and safely apply the product.

Most applications require a single coat application at the rate of 1.5 gallons per 100 sq. ft. for a 23 dry mil film. Textured, alligatored or granulated surfaces may require more product for complete coverage. This may be achieved by applying a heavier initial application at 3 gallons per 100 sq. ft. for a 46 dry mil film or by applying additional coats. Allow 2 to 8 hours for subsequent coat to dry before applying additional product. Previous coats should be applied within 24 hours of prior application. Apply additional coat only after the previous coat has dried to a walkable surface.

**Do not apply when temperatures are below 50 °F (10 °C) or when temperatures are above 120 °F (49 °C) or if rain is expected within 24 hours of application. Once cured, protect 670HS Karnak-Sil Ultra by restricting maintenance traffic, and installing protective walking pads to provide a walking path for foot traffic areas without restricting water flow.**

Always use entire product amount when possible as curing process begins when the container is opened.

Clean application tools with Solvent or Mineral Spirits. **DO NOT USE WATER OR RECLAIMED SOLVENTS.**



670HS Karna-Sil Ultra roof coating is compatible for use with most roof surfaces.



Re-cover aged asphalt roof surfaces for a seamless, weather-tight, new roof aesthetic.



Excellent performance on low-slope roofs.



Restore rusted and weathered metal roofs to a clean, new roof finish.

# KARNAK