

## 529 Renu-White

**DESCRIPTION:**

KARNAK 529 Renu-White is a polymer acrylic based elastomeric roof coating that affords the building owner the energy saving benefits of a highly reflective white coating while providing good resistance to UV degradation and the weather. This economical coating forms a highly elastic membrane to protect a variety of roof substrates.

**USES:**

529 Renu-White is designed for application over built-up roof (BUR) surfaces that have aged a minimum of 90 days, SBS and APP granular and smooth modified membranes that have weathered a minimum of 30 days, aged aluminum coated roofs as well as metal roofs. Also may be applied to above grade vertical surfaces such as concrete, concrete block, brick, stucco and wood. 529 Renu-White may be used for application over applicable base coats 405 Bond-N-Shield, 406 Tru-Grip, 404 Corrosion Proof Base and 407 EPDM & SPF as a base coat for EPDM.

**SURFACE PREPARATION:**

All surfaces to be coated should be in sound condition and thoroughly cleaned and free of oil, grease, dust, dirt, debris and loose coating. Recommended application temperature is 40°F to 120°F. Pressure wash with 799 Wash-N-Prep Roof Cleaner and water. Rinse surfaces well to remove all soapy residues and allow to dry completely. Metal surfaces must be wire brushed down to clean and stable surface. Repair all roof surfaces with appropriate materials prior to coatings. Read the MSDS before using. For questions regarding repairs, surface preparation or request for an MSDS, please contact Karnak Technical Services at 800-526-4236.

**APPLICATION:**

Mix lightly prior to application of the coating. 529 Renu-White may be applied by brush, spray equipment or roller.

**COVERAGE RATE:**

Apply 529 Renu-White in two thick coats at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils) for a total coverage of 3.0 gallons per 100 sq. ft. or apply at the rate of 1.5 gallons per 100 sq. ft. over applicable KARNAK 400 series base coat. Apply by roller or airless spray equipment. Do not thin coating. Apply each coat in one direction with the second coat applied perpendicular to the first/base coat. Allow first coat to dry 8 to 12 hours before application of the second coat. Do not apply when rain is expected during or with-in 24 hours after application. Coverage varies with the irregularity and porosity of the roof surface.



# KARNAK

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# 529 Renu-White

**PHYSICAL PROPERTIES:**

Meets and/or exceeds ASTM D-6083 Type II

Weight per Gallon: 11.5 lbs.

Solids by Weight: 63%

Solids by Volume: 50%

Color: White, Khaki Tan, and Desert Tan are Standard colors. Other colors are available in quantities of 210 gallons minimum.

Elongation: 230%  $\pm$  10% nominal ASTM D-2370

Tensile Strength: 254 PSI  $\pm$  10% nominal ASTM D-2370

Service Temp. Range: 15°F to 180°F

Application Temperature: 40°F and rising

VOC: Please visit [www.karnakcorp.com](http://www.karnakcorp.com) for latest VOC content as products are updated to comply with the most current VOC regulations

**Cool Roof Rating Council (CRRC) - White**

1. Solar Reflectance: Initial 0.85 3 year 0.73

2. Thermal Emittance: Initial 0.90 3 year 0.88

3. SRI: Initial 107 3 year 90

**CAUTION:**

Do not apply when rain is imminent. Do not take internally. If swallowed, do not induce vomiting. Call a physician immediately. Keep away from children. Use with adequate ventilation. Avoid prolonged contact with skin. Wash exposed areas promptly with soap and water. Flush eyes with copious amounts of water. Protect from freezing. Product must be dried before exposure to water. Do not thin. Store in a cool, dry place. Dispose of in an environmentally safe manner.

**PACKAGING:**

5-gallon pails and 55 gallon drums.

If further information is needed, contact KARNAK Technical Services at 1-800-526-4236.

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