

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:

Karnak 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.

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. 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 product before applying. Apply Karnak 529 Renu-White in two thick coats at the rate of 1.5 gallons per 100 sq.ft. (32 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 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. Apply when temperatures are 50°F and rising but not over 100°F. Do not apply when rain is expected during or within 24 hours after application.

COVERAGE RATE:

Two coats at 1.5 gallons per 100 sq.ft. per coat for a total coverage of 3.0 gallons per 100 sq.ft. or 1.5 gallons per 100 sq.ft. over previous applied Karnak base coat. Coverage varies with the irregularity and porosity of the roof surface.



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PHYSICAL PROPERTIES:

Weight per Gallon:	11.5 lbs.
Solids by Weight:	50%
Solids by Volume:	35%
Initial Reflectivity (SR)	0.82 (82%)
Initial Thermal Emittance (TE)	0.91 (91%)
Color:	White
Elongation:	450% ASTM D-412
Tensile Strength:	140 lbs./ sq.ft. ASTM D-412
Performance Temp. Range:	-0°F to 180°F
Reflectivity (Initial):	85%
VOC:	47 gm/L

CARE OF TOOLS:

Clean tools with cool, soapy water immediately after use. Dry coating may be cleaned with mineral spirits or similar solvent. Take necessary precautions when handling combustible materials.

PACKAGING:

5-gallon pails and 55 gallon drums.

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.

If further information is required, please contact Karnak Technical Services Department at 800-526-4236.