

ROOFING

502 RC-W Elasto-Kote Finish Coat

Read Safety Data Sheet before using this product.

DESCRIPTION: 502 RC-W Elasto-Kote Finish Coat is a highly elastic, reflective thermoplastic rubber, single component, coating to be applied as a finish coat over 502 RC-W Elasto-Kote Base Coat.

USES: 502 RC-W Elasto-Kote Finish Coat is intended for use over 502 RC-W Elasto-Kote Base Coat over metal roofs, spray polyurethane foam roofs, EPDM, TPO, and most PVC roof membranes. Also good over previously coated surfaces as well as for coating concrete, concrete block, brick, cinder block, stucco and wood. May be applied over 405 Bond-N-Shield Base Coat over smooth BUR and smooth or granule modified bitumen membrane roofs. PVC and TPO roofs should be at least 4 years old before coating.

SURFACE PREPARATIONS: All roof surfaces to be coated should be clean and free of dirt, dust flaking and pitting rust, grease, oil, and loose paint. Surfaces should have been previously coated with 502 RC-W Elasto-Kote Base Coat or 405 Bond-N-Shield Base Coat (Asphalt only). Recommended application temperature is 40°F to 120°F. Contact KARNAK Technical Services at 800-526-4236 for questions regarding surface preparation.

APPLICATION: Mix lightly prior to application of the coating. 502 RC-W Elasto-Kote Finish Coat may be applied by brush, airless spray equipment or roller or previously applied 502 RC-W Elasto-Kote Base Coat. For applications in higher temperatures (above 90 °F) KARNAK recommends application in multiple thin coats to prevent trapped moisture problems. Allow to dry 24 hours before exposure to rain or water. Coverage rate will vary due to texture and porosity of the surface. 502 RC-W Elasto-Kote Finish Coat will take approximately 4-6 hours to dry to the touch. EPDM roofs should first be coated with 502 RC-W Elasto-Kote Base Coat at the rate of 0.5 gallons per 100 sq. ft. followed by two coats of 502 RC-W Elasto-Kote Finish Coat at 1-1.5 gallons per 100 sq. ft. per coat. Asphalt roofs should first be coated with 405 Bond-N-Shield Base Coat at the rate of 1.5 gallons (smooth) or 2 gallons (granule) per 100 sq. ft. followed by two coats of 502 RC-W Elasto-Kote Finish Coat at 1.25 gallons per 100 sq. ft. per coat. Commencement of work by the contractor implies his approval of the deck surface.

ROLLER / BRUSH APPLICATION: Apply with a 3/4" – 1-1/4" nap roller or soft roof brush.

SPRAY APPLICATION: Utilize an airless spray pump. Equipment manufacturer should be consulted for more complete information. Spray application should be done with a 30% over-spray pattern.

COVERAGE RATE: Apply 502 RC-W Elasto-Kote Finish Coat at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils) over previously applied base coat.

COLORS: White, Gray, Patina Green and Forrest Green are standard colors. Other colors are available in minimum quantities of 300 gallons. See "Elastomeric Coating Color Chart" for other available colors.

CAUTION: Do not use near open flame. Avoid breathing solvent fumes and prolonged contact with skin. Do not take internally. If swallowed, do not induce vomiting. Call a physician immediately. Keep out of reach of children. Coating must be dried before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying. For exterior use only.

Cold-process systems and coatings, either emulsion or solvent-based, should only be installed on decks with positive drainage. Per NRCA (National Roofing Contractors Association), "The criteria for judging proper slope for drainage is that there be no evidence of standing water on a deck 48 hours after it stops raining."

PACKAGING: Available in 5-gallon pails and 55-gallon drums.

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

When installed properly, this product will help reduce energy costs. Actual savings will vary based on geographical location and individual building characteristics.

KARNAK
THE SEAL OF QUALITY

PHYSICAL PROPERTIES & SPECIFICATIONS

Weight per Gallon: 9.78 lbs.

Solids by Weight: 54%, Nominal

Solids by Volume: 40%, Nominal

Hardness, Shore A: 65

Elongation: 715%, Nominal
ASTM D 2370

Tensile Strength: 1,182 PSI, Nominal
ASTM D2370

Permeability: 0.01 Perm

Water Absorption
(7 days): 0.4%

Cure Time: 12 to 24 hours @ 77°F
and 50% Relative Humidity

Application Temp.: 40°F to 120°F.

Service Temp
(Cured Film): -15°F to 180°F

VOC Content: <550 g/L MAX

ASTM D 6083 Type I: (Except Solvent Based)

Solar Reflectance: 0.85 Initial
0.72 3-Yr. Aged

Thermal Emittance: 0.89 Initial
0.92 3-Yr. Aged

SRI: 107 Initial
89 3-Yr. Aged



NSF Protocol #151
Health Effects from Rainwater
Catchment System Components

