

# 502 RC-W Elasto Kote (Base & Finish)

## DESCRIPTION:

KARNAK 502 RC-W Elasto-Kote is a highly elastic, thermoplastic-rubber, single component, exterior waterproofing coating.

## USES:

502 RC-W Elasto-Kote is intended for use on 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. **Do not apply over asphaltic surfaces due to the likelihood of asphalt bleed through.** PVC and TPO roofs should be at least 4 years old before coating.

## SURFACE PREPARATION:

All roof surfaces to be coated should be clean and free of dirt, dust flaking and pitting rust, grease, oil, and loose paint. Recommended application temperature is 40°F to 120°F. New metal must be allowed to age 30 days and new masonry surfaces should be allowed to cure 30 days, before coating. EPDM roof surfaces should be cleaned with 507 SPC Primer/Wash. Other single ply membranes should be cleaned with 799 Wash-N-Prep Roof Cleaner and water. Patch and repair all seams, flashings with 502MS Karna-Flex and Resat-Mat or 550 Patch-N-Go or appropriate sealants and caulking materials. Contact KARNAK Technical Services at 800-526-4236 for questions regarding surface preparation.

## APPLICATION:

502 RC-W Elasto-Kote Base and Finish may be applied by brush, roller or spray equipment.

## COVERAGE RATE:

Apply 502 RC-W Elasto-Kote Base at the rate of 1.5 gallons per 100 sq. ft. Allow base to dry 24 hours before applying 502 RC-W Elasto-Kote Finish at the rate of 1.5 gallons per 100 sq. ft. Coverage rate will vary due to texture and porosity of the surface. Film thickness should be approximately 18-20 mils dry. 502 RC-W Elasto-Kote Finish will take approximately 24 hours to cure. EPDM roofs should first be coated with 502 RC-W Base at the rate of 0.5 gallons per 100sq. ft. followed by two coats of 502 RC-W Elasto-Kote Finish at 1-1.5 gallons per 100 sq. ft. per coat.

## ARCHITECTURAL COLORS:

Standard colors are White, Gray, Khaki Tan, Red and Patina Green. Other available colors require minimum order quantity of 210 gallons.

## PHYSICAL PROPERTIES:

Weight Per Gallon	9.3 lbs.
Permeability:	0.01 Perm
Solids by Weight	50%
Solids by Volume:	40%



NSF Protocol #151  
Health Effects from Reusable  
Catchment System Components



# KARNAK

330 CENTRAL AVENUE, CLARK, NJ 07066  
732-388-0300 • 800-526-4236 • FAX: 732-388-9422  
WEB: <http://www.karnakcorp.com>



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Color:	Finish Coat – White/Selected color, Base Coat - Gray
Hardness Shore A:	65
Elongation:	715% (nominal) - ASTM D2370
Tensile Strength:	1182 psi (nominal) - ASTM D2370
Water Absorption (7 days):	0.4%
Dry Time (To Touch):	4 to 6 hours @ 77°F 50% relative humidity
Application Temperature Range:	40°F - 120°F
Service temperature Range:	-15°F - 180°F
Cure Time:	12 to 24 hours @ 77°F 50% relative humidity

## Cool Roof Rating Council (CRRC) - White

1. Solar Reflectance:	Initial	0.85	3 year	0.72
2. Thermal Emittance:	Initial	0.89	3 year	0.92
3. SRI:	Initial	107	3 year	89

## 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. 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.

## PACKAGING:

Available in 5 gallon pails and 55 gallon drums.

**NOTE:** Due to differences in TPO and PVC membrane formulas and installation specifications, variations exist which can affect how coatings may bond or behave over an existing membrane. Some membranes may wrinkle after application. This condition generally relaxes over time as the membrane weathers and the solvents evaporate. In addition, some PVC membranes may release plasticizers that can soften the applied coating. Applicators should perform in-field adhesion testing and compatibility testing to determine the appropriateness of the coating and confirm desired results.

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 THE DECK 48 HOURS AFTER IT STOPS RAINING".

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

When installed properly, this product will help reduce energy costs. Actual savings will vary based on geographical location and individual building characteristics. Consult your product manufacturer, roofing contractor, or call 1-888-STAR-YES (1-888-782-7937) for more information.

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