

# 505HS Mohave Coat

**DESCRIPTION:**

KARNAK 505HS Mohave Coat is an acrylic co-polymer elastomeric roof coating. 505HS Mohave Coat provides excellent protection, appearance, mildew resistance, color stability, weather ability and flexibility.

**USES:**

505HS Mohave Coat is designed to be applied directly over built-up roof surfaces that have aged a minimum of 90 days, SBS and APP granular modified membranes and smooth surface APP membranes that have weathered a minimum of 30 days as well as metal roofs and SPF foam systems. Also for use on above grade vertical surfaces such as concrete, concrete block, brick, stucco, metal and wood. May also be used for application over applicable base coats 404 Corrosion Proof Base Coat, 405 Bond-N-Shield, 406 Tru-Grip, and 407 EPDM & SPF Base Coat.

**SURFACE PREPARATION:**

Surfaces to be coated should be dry, clean, and free of dirt, dust, grease, oil and loose paint. Recommended application temperature is 40°F to 120°F. Power wash surfaces with TSP substitute 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 cracks or holes with appropriate sealants or caulking materials. All wet insulation should be removed and replaced with like materials. New BUR roof surfaces must age a minimum of 90 days before coating. Newly installed cold-process, hot-applied and torched-applied modified bitumen membranes should age 30 days before coating. Allow fresh masonry to cure a minimum of 30 days before application. 505HS Mohave Coat or subsequent base coats should be dry prior to application of a finish 505HS Mohave Coat.

**APPLICATION:**

Mix lightly prior to application of the coating. 505HS Mohave Coat may be applied by brush, spray equipment or roller.

**BRUSH / ROLLER APPLICATION:**

Brush / roller application should be done perpendicular to the first coat/base coat for proper protection.

**SPRAY APPLICATION:**

Utilize a standard paint spray pump or airless spray pump. Equipment manufacturer should be consulted for more complete information. Spray application should be done with a 50% over-spray pattern.

**COVERAGE RATE:**

Recommended use is for application over one of KARNAK's 400 series substrate specific base coats at the rate of 1.5 gallons per 100 sq. ft. 505HS Mohave Coat may also be applied directly to approved substrates at the rate of 1.5 gallons per 100 sq. ft. per coat in a two coat application for a total coverage rate of 3 gallons per 100 sq. ft. This will achieve a dry mil thickness of 22 to 26 mils. Coverage will vary depending on the surface to be coated. Allow first coat to dry 4 to 12 hours before application of the second coat. Apply when

**KARNAK**

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WEB: <http://www.karnakcorp.com>



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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. 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.

## ARCHITECTURAL COLORS:

White, Desert Tan, and Adobe Brown are standard colors. Refer to color chart for other colors available in quantities of 210 gallons minimum.

## PHYSICAL PROPERTIES:

Weight per Gallon:	12 lbs.	Tensile Strength:	275 PSI
Solids by Weight:	71%	Weathering:	Excellent
Solids by Volume:	57%	Permeability:	10 Perms
Color:	White	Performance	
Hardness Shore A:	75	Temp. Range:	-15°F to 180°F
Elongation:	210%	VOC:	Please visit www.karnakcorp.com for latest VOC content as products are updated to comply with the most current VOC regulations

Service Temperature:	-15°F to 180°F
Application Temperature:	40°F and rising
Solar Reflectance:	0.86 Initial
(White Only)	0.77 3-Yr. Aged
Thermal Emittance:	0.91 Initial
(White Only)	0.90 3-Yr. Aged
SRI:	109 Initial
(White only)	96 3-Yr. Aged

## CAUTION:

Do not apply when rain is imminent. Coating must be dried before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Keep out of reach of children. Avoid prolonged contact with skin. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying.

COLD-PROCESS SYSTEMS AND COATING, EITHER EMULSION OR SOLVENT BASED, SHOULD ONLY BE INSTALLED ON DECKSWITH 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."

## PACKAGING:

Available in 5 gallon pails and 55 gallon drums.

**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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