



ACRYLIC ELASTOMERIC ROOF COATINGS

Roof Restoration Products



KARNAK Acrylic Roof Coating Products

- 400 Series Self-Priming Elastomeric Base Coats
- 500 Series Acrylic Elastomeric Finish Coats
- 505MS Karna-Flex WB Acrylic Elastomeric Sealant

ACRYLIC ELASTOMERIC ROOF COATING SYSTEMS

Roof Restoration Products

KARNAK Reflective Coating Systems – What Smart Roofers Trust.

KARNAK acrylic, elastomeric roof coating systems outperform other systems because we start where it counts – with the base coat. We know from our more than 80 years of manufacturing coatings that if the coating doesn't adhere to the substrate, the system won't perform.

That's why we studied the various roof systems and developed four substrate-specific base coat formulations designed to adhere to each different type of roof. Even better, KARNAK base coats are self-priming which means they can reduce application steps for contractors compared to systems that require priming the surface before application.

The KARNAK specialty base coats are designed specifically for each type of roof including: metal, concrete, asphalt, previously coated roofs, EPDM, new SPF roofs, and aged single-ply membranes including TPO, PVC, Hypalon and EP roofs.

The specialized base coats can then be paired with any one of KARNAK's acrylic elastomeric finish coats – 501, 505HS, 529 or 535 – for a truly customized, energy-saving system that will meet the needs of both the building owner and the contractor.

Benefits:

- Extends roof life
- Seamless application
- Avoids costly roof replacement
- May qualify for tax incentives and rebates
- Protects your building investment

Repair Sealant

505MS Karna-Flex WB

White elastomeric, water-borne repair mastic. Provides excellent adhesion on metal, SPF, BUR, Mod-Bit, APP, prepared EPDM, concrete, flashing details and Aged TPO, PVC & Hypalon roofs.



- Unsurpassed elongation
- Thixotropic viscosity for faster application
- Pump apply via airless spray equipment
- UV stable, can be left exposed
- Low VOC, water based
- Use alone or with KARNAK 5540 Resat-Mat



ACRYLIC ELASTOMERIC BASE COATINGS

Substrate-Specific, Self-Priming Elastomeric Base Coats - 100% Acrylic

Base Coats

KARNAK's self-priming elastomeric base coats are formulated for long-term adhesion and performance over specific substrates including: metal, concrete, asphalt, previously coated roofs, EPDM, new SPF roofs, and aged single-ply membranes including TPO, PVC, Hypalon and EP. When paired with a KARNAK acrylic, elastomeric finish coat, KARNAK's low-VOC Base Coats eliminate the need for primer and feature easy application by spray, brush or roller.

Metal Roofs



404 Corrosion Proof

Formulated for use on properly prepared and cleaned new or lightly rusted metal roofs. NO NEED for rust inhibitor as its built into the product.

- Rust inhibitors prevent development of new rust
- Superior adhesion to metal
- 500% elongation
- 53% solids by volume

Asphalt & Previously Coated Roofs



405 Bond-N-Shield

Provides excellent adhesion to asphalt surfaces, and prevents bitumen oils or plasticizers from migrating to the roof surface.

- 3 Perms: improved stability in temporary ponding areas
- Stain blockers prevent asphalt bleed-through
- Formulated to settle deep into irregular surfaces, reducing trapped air
- 800% elongation
- 53% solids by volume

TPO, PVC, Hypalon, EP Roofs



406 Tru-Grip Base

Specifically formulated as a base coat to enhance adhesion to weather aged single-ply roofs including TPO, PVC, Hypalon and EP roofing membranes.

- Blocking technology prevents membrane plasticizer migration
- Superior adhesion to TPO, PVC and Hypalon
- 263% elongation
- 53% solids by volume

EPDM and New Spray Foam Roofs



407 EPDM & SPF Base

Specifically formulated as a base coating to enhance adhesion to EPDM, Spray Polyurethane Foam and concrete roofing systems.

- Excellent adhesion to EPDM when cleaned with 507 SPC Primer/Wash
- Unsurpassed adhesion to new Spray Polyurethane Foam
- 237% Elongation
- 51% Solids by volume

KARNAK base & finish coats are available in 5, 55 & 275 gallon packaging. Custom colors available; refer to color chart.



SUBSTRATE-SPECIFIC APPLICATION GUIDE



529 Renu-White

- Reflective co-polymer acrylic
- Excellent choice for recoats
- 50% solids by volume
- ENERGY STAR, CRRC, CA Title 24



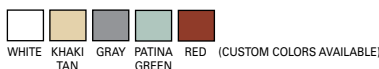
505 HS Mohave Coat

- High-solids 100% acrylic elastomeric
- Excellent for spray applications
- 57% solids by volume
- ENERGY STAR, CRRC, ASTM D-6083, CA Title 24



501 Elasto-Brite

- Premium polymer, elastomeric coating
- Superior reflectivity and elongation
- 52% solids by volume
- ENERGY STAR, FM, UL, CRRC, Miami-Dade, ASTM D-6083, CA Title 24



535 Enviro-Lastic QS

- Quick-set, elastomeric coating
- Rain washout resistant in 20 minutes
- 52% solids by volume
- ENERGY STAR, CRRC, Miami Dade, ASTM D-6083, CA Title 24



KARNAK Elastomeric Finish Coats

Step 3: Select one of the above KARNAK Finish Coats



405 Bond-N-Shield Base Coat

- Stain blockers prevent asphalt bleed
- Superior adhesion and blister resistance
- Apply at 1.5 - 2 gallons/ 100 sf
- Blue indicator color



404 Corrosion Proof Base Coat

- Self-priming base coat
- Encapsulates rust on prepared metal
- Stops formation of rust and corrosion
- Light gray indicator color



406 Tru-Grip TPO & PVC Base Coat

- Self-priming base coat
- Promotes adhesion and coating durability
- Improves blister resistance
- Marine green indicator color



407 EPDM & SPF Base Coat

- Self-priming base coat
- Promotes adhesion and coating durability
- Improves blister resistance
- Light pink indicator color

KARNAK Substrate-Specific Elastomeric Base Coats

Step 2: Apply Substrate-Specific Base Coat at 1.5 gallons per 100 square feet

3-course seams, penetrations, drains and critical areas with Karna-Flex WB and Resat-Mat

Power wash with KARNAK 799 Wash-N-Prep (1 Qt. cleans to 1,600 sf)

ASPHALT & PREVIOUSLY COATED ROOFS

3-course seams, penetrations, drains with Karna-Flex WB and Resat-Mat
Coat fastener heads with Karna-Flex WB

(If Kynar® coated metal Apply 702 K-PREP)

Power wash with KARNAK 799 Wash-N-Prep (1 Qt. cleans to 1,600 sf)

METAL

3-course seams, penetrations, drains with Karna-Flex WB and Resat-Mat, reinforcing critical areas with 40" Resat-Mat and 406 Tru-Grip Base Coat

Power wash with KARNAK 799 Wash-N-Prep (1 Qt. cleans to 1,600 sf)

Adhesion Test Recommended

TPO & PVC

3-course laps and penetrations with Karna-Flex WB & 4" or 6" Resat-Mat

Apply #507 SPC Primer Wash (0.2 gal/100sf), power wash after 20 minutes

Adhesion Test Recommended

EPDM

Apply New Polyurethane foam to substrate

NEW SPF

Substrate Selection & Prep Details

Step 1: Select Substrate and follow guide from bottom to top

HIGHLY REFLECTIVE, ELASTOMERIC FINISH COATINGS

100% Acrylic - Low VOC - ENERGY STAR, CRRC, CA Title 24, ASTM D-6083

Finish Coats

Formulated for long-term performance, KARNAK's finish coatings can be applied over any KARNAK base coat, enhancing longevity on all types of roofs. These coatings offer superior color stability, dirt resistance, help save energy, extend roof life and reduce surface temperature. They are easily applied by spray, brush or roller.



501 Elasto-Brite

Premium co-polymer elastomeric roof coating. Provides superior UV protection, cold-temperature flexibility, mildew resistance and high reflectivity for optimal energy efficiency and performance.

- 52% Solids by volume; 300% elongation
- FM, UL, NSF
- Solar Reflectance 86% Init., 77% 3Yr.
- Low temperature flexibility -26° C (-15°F)
- Standard colors: White, Khaki Tan, Gray, Patina Green, Red



505HS Mohave Coat

Premium high-solids co-polymer elastomeric roof coating that provides high film build, excellent low temperature flexibility, UV protection and reflectivity.

- 57% Solids by volume; 210% elongation
- Solar Reflectance 86% Init., 77% 3Yr.
- Low temperature flexibility -26° C (-15°F)
- Standard colors: White, Desert Tan and Adobe Brown



529 Renu-White

Economic elastomeric coating that affords building owners energy savings benefits of a highly reflective coating while providing good resistance to UV degradation.

- 50% Solids by volume; 450% elongation
- Low temperature flexibility -10° C (14°F)
- Solar Reflectance 85% Init., 73% 3Yr.
- Standard colors: White, Khaki Tan and Desert Tan



535QS Enviro-Lastic

Highly reflective, elastomeric coating with Quick-Set technology that protects against rain wash-off after only 20 minutes of application.

- 52% Solids by volume; 140% elongation
- Solar Reflectance 85% Init., 73% 3Yr.
- Standard Colors: White and Khaki Tan
- Low temperature flexibility -26° C (-15°F)

KARNAK base & finish coats are available in 5, 55 & 275 gallon packaging. Custom colors available; refer to color chart.

ACCESSORIES

Roof Restoration Products



Reinforcing Fabric

5540 Resat-Mat

100% Polyester flexible membrane for reinforcing repairs and details on smooth or irregular surfaces. Available in 4', 6" & 12" wide x 300' and 40" wide x 324'.



Roof Cleaners

799 Wash-N-Prep

Concentrated liquid TSP substitute specifically formulated to clean roof surfaces prior to the application of roof coatings. Dilute at 1 qt/1,600 sq ft before power washing with clean water.



507 SPC Primer/Wash

Water-based cleaner formulated to safely clean and prepare EPDM roof surfaces for coatings and repairs. Apply at 0.2 gal / 100 sq. ft. Allow to sit on the roof surface for 20 minutes then rinse at 2,000 - 3,000 PSI using a heavy duty power washer.



Kynar® Primer

702 K-Prep

100% Acrylic elastomeric co-polymer emulsion primer formulated to improve acrylic coating adhesion to weathered Kynar®-coated metal.



Self Adhered Tapes

550F Patch-N-Go™ Fleece Tape

Composed of highly adhesive butyl rubber compounds developed to quickly seal surfaces and stop the intrusion of moisture.

ACRYLIC ELASTOMERIC ROOF COATINGS

Roof Restoration Products



KARNAK
THE SEAL OF QUALITY

330 Central Avenue
Clark, NJ 07066
(800) 526-4236
info@karnakcorp.com
www.karnakcorp.com

Manufacturing/Warehouse Locations:
Clark, NJ
Ft. Lauderdale, FL
Chicago, IL
Kingman, AZ

Distribution Warehouse Locations:
Renton, WA
Rancho Cucamonga, CA
Dallas, TX

