

# 505 Karna-Flex WB

## DESCRIPTION:

Karna-Flex WB is an acrylic elastomeric, water-borne mastic formulated for use on built-up asphalt roofing, modified bitumen membranes and properly prepared, single-ply membranes (TPO, PVC, Hypalon, and EPDM) and plywood roof substrates. Its ease of application, superior adhesion, elasticity and durability make Karna-Flex WB an ideal repair sealant.

## USES:

Karna-Flex WB's elastomeric properties make it an excellent sealant for making repairs to built-up asphalt roofs, modified bitumen membrane roofs, prepared metal, concrete, spray polyurethane foam and plywood roof system details. Ideal for sealing flashings, curbs and waterproofing metal roof seams, gutters, fasteners, pinholes in metal and skylights. Excellent for sealing flashings on asphalt BUR roofs and modified bitumen membrane roofs. Ideal for sealing around penetrations and roof top equipment. Use in place of flashing cement for repairs to all types of asphalt roofs prior to applying white coatings

## FEATURES, BENEFITS AND ADVANTAGES:

1. White elastomeric sealant.
2. Easy application by brush or bulk loading caulking gun.
3. Excellent adhesion to many surfaces.
4. Sets up quick for coating over.
5. Low temperature flexibility—specially selected polymers and resins impart superior low temperature properties to the coating.
6. Low VOC, water-based, no odor.
7. Resistant to mold and mildew growth.
8. UV stable, may be left exposed.

## SURFACE PREPARATION:

All surfaces to be sealed must be dry, clean and free from rust, loose coating and caulk, oil, grease and other foreign matter. Remove silicone or other sealants before using.

## APPLICATION: General Repairs

Karna-Flex WB should be applied by stiff brush or bulk loading caulking gun, depending on the application. Apply sealer when temperatures are above 40°F and rain is not forecasted within 24 hours.

For sealing flashings and lap seams use fabric reinforcement between layers of Karna-Flex WB. Apply sealer in a 1/16" to 1/8" width then immediately embed Karnak 5540 Resat-Mat polyester fabric into the wet coating. Smooth out fabric then apply another layer of sealer. Some shrinkage may occur and require an additional application of Karna-Flex WB.

# 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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For metal roofing follow these application guidelines:

1. Horizontal Seams and Cracks 1/16" wide or larger.
  - Using Karnak 550 Patch-N-Go Fleece Tape, adhere tape to crack as directed per product application guidelines. Apply Karna-Flex WB at an average thickness of 1/16" to completely cover the polyester face of the tape and feather out.
  - Using Karnak Resat-Mat, apply a 1/16" thick application of Karna-Flex WB then immediately embed one ply of Resat-Mat polyester fabric into the wet coating. Smooth out fabric then apply another layer of Karna-Flex WB.
  
2. Screws/Fasteners, Vertical Seams and Cracks less than 1/16"
  - Over screws and fasteners apply a dollop of Karna-Flex WB to completely enclose the screw/fastener with either a 2" wide brush or bulk loading caulking gun.
  - Over vertical seams and cracks less than 1/16" wide, back brush a minimum 2" wide application of Karna-Flex WB at an appropriate thickness of 1/16" to 1/8".

Note: Allow to cure 24 hours before coating over, if desired. Not intended for use in ponding areas.

## PHYSICAL PROPERTIES:

Weight per Gallon:	11.8 lbs
%NV by Weight:	70%
%NV by Volume:	65%
Color:	White
VOC:	Please visit <a href="http://www.karnakcorp.com">www.karnakcorp.com</a> for latest VOC content as products are updated to comply with the most current VOC regulations
Tensile Strength:	40 psi.
Elongation:	500%
Low Temp Flex	
ASTM-C-734:	Pass / No Cracking
Recovery:	75% min.

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**CAUTION:**

Do not apply when rain is imminent. Protect from freezing. Sealant must be dried before exposure to water. 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. Not for use on areas that pond water, roofs should have positive drainage.

**PACKAGING:**

2 gallon buckets.

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

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