

229AR Elastomeric

DESCRIPTION:

KARNAK 229AR Elastomeric is a single component, SBS rubber reinforced asphalt which forms an elastomeric roof coating. 229AR Elastomeric has excellent elongation properties, good cold weather pliability and excellent water and weather resistance.

FEATURES, BENEFITS AND ADVANTAGES:

- Easy to apply: Comes in Brush or Trowel Grades
- Tough, flexible, elastic, rubber-like film
- Excellent adhesion to most surfaces including primed concrete, masonry, metal, asphalt, modified bitumen membranes and sprayed urethane foam roofing
- Excellent water and water vapor resistance
- Excellent weather resistance
- One component, needs no intermixing
- Good resistance to salts and alkalies
- Compatible with many highway and bridge specifications

USES:

229AR Elastomeric is available in **BRUSH**, **TROWEL** or **CAULK** grades. Brush Grade is recommended for use as a roof coating on BUR, SBS and APP modified bitumen membrane roofing smooth or granulated, concrete and spray polyurethane foam roofing as a protective coating. Trowel Grade can be used to make repairs on BUR, SBS and APP modified bitumen membranes, concrete, spray polyurethane foam roofs, metal roofs, and inactive coal tar roofs. Caulk Grade is ideal for sealing on asphalt roof surfaces as well as masonry, metal, spray polyurethane foam, wood, stone, brick and concrete.

SPECIFICATIONS:

ASTM D-4586 Type I, Class I (Trowel Grade)
ASTM D-4479 Type I (Brush Grade)
Complies with Chapter 13 of Massachusetts Energy Code

SURFACE PREPARATION:

Surfaces must be clean, dry and free from dirt, dust, grease, release agents, oil and debris. All cracks and holes should be filled with 229AR Elastomeric Trowel Grade prior to application of Brush Grade as a surface coating. New metal roofs must be allowed to weather 30 days before application.

APPLICATION:

229AR Elastomeric Brush Grade should be **mechanically mixed** thoroughly, prior to application on horizontal surfaces. 229AR Elastomeric Brush grade should **not** be applied to vertical surfaces. For vertical applications use 229AR Elastomeric Trowel Grade.

KARNAK

330 CENTRAL AVENUE, CLARK, NJ 07066
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WEB: <http://www.karnakcorp.com>



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BRUSH GRADE APPLICATION:

Mix thoroughly just prior to using. Apply 229AR Elastomeric **Brush Grade** to horizontal roof surfaces using a wide, fibered roof brush at the rate of 3 to 4 gallons per 100 sq. ft. Coverage will vary depending on the irregularity and porosity of the roof surface.

TROWEL GRADE APPLICATION:

229AR Elastomeric **Trowel Grade** may be applied to either vertical or horizontal surfaces using a smooth edge trowel or stiff brush. Coverage amount will vary depending on desired thickness. To achieve a **1/16"** thickness apply at the rate of 4 gallons per 100 sq. ft.; **1/8"** apply at the rate of 8 gallons per 100 sq. ft.; **1/4"** thickness apply in two coats at the rate of 8 gallons per 100 sq. ft. per coat.

CAULK GRADE APPLICATION:

Apply directly in and over cracks using a standard caulking gun. An application rate of 1/4" x 1/4" bead of caulk will yield approximately 75 lineal feet per 30 oz. caulking cartridge. Coverage may vary depending on desired thickness and surface being caulked.

PHYSICAL PROPERTIES:

Weight Per Gallon:	8.6 lbs.
Hardness, Shore A:	55 ASTM D-2240
Elongation: Brush	700% ASTM D-412
Elongation: Trowel/Caulk	350% ASTM D-412
Tensile Strength, PSI:	400 ASTM D-412
Color:	Black
Water Vapor Permeance:	0.017 perm ASTM E-96
Air Permeability (Leakage):	0.000L/(s·m ²) @ pressure difference of 75 Pa
Moisture Vapor Transmission:	0.03 ASTM D-1653
Service Temp. Range:	-40°F to 160°F
Solids By Weight:	Brush 59%, Trowel 71%, Caulk 68%
Solids By Volume:	Brush 55%, Trowel 63%, Caulk 65%
VOC Content:	Please visit www.karnakcorp.com for latest VOC content as products are updated to comply with the most current VOC regulations.

CAUTION:

Do not use near open flame. Material is for building exterior applications only. 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.

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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 IS STOPS RAINING."

PACKAGING:

Available in 1 gallon, 3 gallon & 5 gallon pails, 55 gallon drums and 30 oz. caulking cartridges.

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

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