

## ROOFING

### 229AR Elastomeric



**\*Read Safety Data Sheet before using this product.\***

**DESCRIPTION:** 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.

**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.

#### FEATURES, BENEFITS & 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 alkali
- Compatible with many highway and bridge specifications

**SURFACE PREPARATIONS:** Surfaces must be clean, dry and free from dirt, dust, grease, release agents, oil and debris. Recommended application temperature is 40°F to 120°F. If applying at temperatures lower than 40°F, the substrate must be free of moisture and/or ice crystals. 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.

**BRUSH GRADE:** 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:** 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:** 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.

**COVERAGE RATE:** Apply at 4 gallons per 100 sq. ft. (64 wet mils).

**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. Store in a heated room and 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. For exterior use only.

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 a deck 48 hours after it stops raining."

**PACKAGING:** Available in 5-gallon pails, 3-gallon buckets, 1-gallon cans, 30 oz. cartridges and 55-gallon drums.

If further information is needed, contact KARNAK Technical services at 800-526-4236.

#### PHYSICAL PROPERTIES & SPECIFICATIONS

|                                           |                                                                   |
|-------------------------------------------|-------------------------------------------------------------------|
| Weight per Gallon:                        | 7.89 lbs. (Brush)<br>9.24 lbs. (Trowel)                           |
| Solids by Weight:                         | 59% Nominal (Brush)<br>68% Nominal (Trowel)                       |
| Solids by Volume:                         | 56% Nominal (Brush)<br>60% Nominal (Trowel)                       |
| Color:                                    | Black                                                             |
| Hardness, Shore A:                        | 55<br>ASTM D2240                                                  |
| Elongation:                               | 700% (Brush)<br>ASTM D412<br><br>350% (Trowel/Caulk)<br>ASTM D412 |
| Tensile Strength:                         | 400 psi<br>ASTM D-412                                             |
| Permeance:                                | 0.017 perm<br>ASTM E96                                            |
| Application Temp.:                        | 40°F to 120°F                                                     |
| Service Temp<br>(Cured Film):             | -40°F to 180°F.                                                   |
| ASTM D4586 Type I, Class I (Trowel Grade) |                                                                   |
| ASTM D4479 Type I (Brush Grade)           |                                                                   |

