

229AR Elastomeric

DESCRIPTION:

Karnak 229AR-Elastomeric is a single component, rubber reinforced asphalt that forms a highly elastomeric waterproof coating as well as an air barrier. The dried film cures to a tough 40-mil flexible finish and will resist variations in temperature and weather. When applied to interior above grade cavity wall structures, the protective coating helps to control moisture and inhibit air leakage in buildings as specified in a number of building codes. Karnak 229AR Elastomeric has excellent resistance to acids, alkalies and salts in the soil and will not deteriorate.

USES:

Karnak 229AR Elastomeric is available in brush and trowel grades. Karnak 229AR-Elastomeric is used as a waterproof coating on exterior above or below grade surfaces such as masonry, metal, spray polyurethane foam, wood, stone, brick and concrete. Karnak 229AR Elastomeric can also be used as an air barrier/vapor barrier when applied in exterior/interior above grade assemblies.

SPECIFICATIONS:

ASTM D-4586 Type I; ASTM D-4479 Type I
Complies with CH. 13 of Massachusetts Energy Code

SURFACE PREPARATION:

Surfaces must be clean, dry and free from oil, grease, release agents, laitance, dirt, dust and debris. All cracks and holes should be filled with Karnak 229AR-Elastomeric trowel grade prior to surface coating.

APPLICATION:

Karnak 229AR Elastomeric Brush Grade should be mechanically mixed thoroughly, prior to application. For vertical applications use only 229AR Elastomeric Trowel Grade.

EXAMPLES:

A. Exterior Vertical Surfaces - Apply Karnak 229AR Elastomeric, trowel grade in one coat. If applying two, allow the first coat to dry. Coating must be continuous and free of pinholes or holidays. Cover all slots, joints and grooves and into all chases and corners. Apply at the rate of 4 to 5 gallons per 100 sq. ft.

B. Membrane Vertical Surfaces - Apply 1 coat of Karnak 229AR Elastomeric Trowel grade at the rate of 2 to 3 gallons per 100 sq. ft. Place Karnak 3036 Poly-Mat or Karnak 31 Fiberglass Membrane vertically over surfaces of coating

KARNAK

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making sure all edges are overlapped at least 3 inches. Smooth membrane firmly into place and eliminate all wrinkles. Apply second coat at the rate of 2 to 3 gallons per 100 sq. ft. In areas where hydrostatic pressure is known to occur, 229AR Elastomeric should be installed in a membrane system to all exterior foundation walls.

C. Horizontal Surface: Karnak 229AR Elastomeric Brush grade can be used as a waterproofing layer between the surface course and base structural concrete slab above and below grade. Apply at a rate of 4 to 5 gallons per 100 sq. ft.

NOTE: For horizontal waterproofing and below grade waterproofing, a protection board is highly recommended to protect the film during backfilling or while pouring the concrete topping slab.

CARE OF TOOLS:

Tools and other equipment should be thoroughly cleaned with mineral spirits or Karna-Klean, taking necessary precautions when handling combustible material.

PHYSICAL PROPERTIES:

Weight Per Gallon:	8.6 lbs.
Hardness, Shore A:	55 ASTM D-2240
Elongation:	700% ASTM D-412
Tensile Strength, PSI:	400 ASTM D-412
Color:	Black
Water Vapor Permeance:	0.017 perm ASTM E-96
Air Permeability (Leakage):	0.000 L/(s·m ²) @ pressure difference of 75pa
Service Temp. Range:	-40°F to 160°F
Solids:	Trowel 70%,Brush 63%,Spray 60% ASTM D-2967
VOC Content:	300 gm/L
Salt Fog Resistance 1/16 cured film:	500 hours – Excellent
Abrasion Resistance:	Excellent
Resistance to acid:	60 days – Excellent
10% HCL:	Excellent
10% H ₂ SO ₄ :	Excellent
10% - 85% Phosphoric:	Good
Nitric Acid:	Not Recommended
Resistance to Alkalies:	60 days – Excellent
10% NA OH:	Excellent

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45% Ammonium Nitrate: Excellent
10% Ammonium Sulfate: Excellent

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. Keep container covered when not in use. Do not thin. Dispose of in an environmentally safe manner.

PACKAGING:

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

Please see page 212 for additional mold and safety information