

WATERPROOFING

229AR Elastomeric



Read Safety Data Sheet before using this product.

DESCRIPTION: 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. 229AR Elastomeric has excellent resistance to acids, alkali and salts in the soil and will not deteriorate.

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

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 subsequent surface 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.

Exterior Vertical Surfaces: Apply 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.

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

Horizontal Surfaces: 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.

COVERAGE RATE: Apply at 4 to 5 gallons per 100 sq. ft. (64-80 wet mils).

CHEMICAL RESISTANCE OF 1/16" CURED FILM:

Salt Fog Resistance:	500 hours – Excellent	Resistance to Alkalies:	60 days – Excellent
Abrasion Resistance:	Excellent	10% NA OH:	Excellent
Resistance to acid:	60 days – Excellent	Nitric Acid:	Not Recommended
10% HCL:	Excellent	Resistance to Alkalies:	60 days – Excellent
10% H2SO4:	Excellent	10% NA OH:	Excellent
10% - 85% Phosphoric:	Good	45% Ammonium Nitrate:	Excellent
Nitric Acid:	Not Recommended	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. 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.

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) 9.24 lbs. (Trowel)
Solids by Weight:	59% Nominal (Brush) 68% Nominal (Trowel)
Solids by Volume:	56% Nominal (Brush) 60% Nominal (Trowel)
Color:	Black
Hardness, Shore A:	55 ASTM D2240
Elongation:	700% (Brush) ASTM D412 350% (Trowel/Caulk) ASTM D412
Tensile Strength:	400 psi ASTM D-412
Permeance:	0.017 perm ASTM E96
Air Permeability (Leakage):	0.000 L/s·m ²) at pressure difference of 75 pa
Application Temp.:	40°F to 120°F
Service Temp (Cured Film):	-40°F to 180°F.
	ASTM D4586 Type I, Class I (Trowel Grade)
	ASTM D4479 Type I (Brush Grade)
	Ch. 13 of Massachusetts Energy Code

