

DAMP-PROOFING

920 Fibered Emulsion Mastic



Read Safety Data Sheet before using this product.

DESCRIPTION: 920 Fibered Emulsion Mastic is a general purpose coating, manufactured with refined asphalt, clay emulsifiers, and selected non-asbestos fibers. The dried film cures to a tough, flexible, durable finish and will resist variations in temperature and weather. 920 Fibered Emulsion Mastic will not burn or support combustion in a liquid state. This is a low odor coating that resists the absorption of exterior moisture. 920 Fibered Emulsion Mastic may be applied to slightly damp surfaces.

USES: 920 Fibered Emulsion Mastic is a vapor retarder used as a protective coating, against dampness on the exterior face of interior above grade and exterior surfaces of concrete, metal and wood above or below grade. It may also be used to dampproof interior surfaces below grade in the absence of hydrostatic pressure. The emulsion may be utilized as an adhesive for Styrofoam insulation prior to backfilling.

SURFACE PREPARATIONS: Surface should be free of oil, grease, dirt, laitance and loose material. Dry surfaces may be dampened with water before application. Recommended application temperature is 40°F to 120°F. Repair all cracks and holes with 920 Fibered Emulsion Mastic and 31 Fiberglass Membrane or 34 Asphalt Cotton Fabric, before applying the surface coating.

APPLICATION: 920 Fibered Emulsion Mastic is easily applied by trowel. Apply 920 Fibered Emulsion Mastic in one coat. If applying two, allow the first coat to dry. Coating should be continuous and free of pinholes or holidays. Cover all slots, joints and grooves and apply into all chases and corners.

Above-grade dampproofing (interior and exterior cavity walls): Apply one coat of 920 Fibered Emulsion Mastic at a rate of 4 to 6 gallons per 100 sq. ft. If applying two coats, each coat should be 2 to 3 gallons per 100 sq. ft. (First coat must be allowed to dry prior to the application of the second coat).

Below-grade dampproofing (exterior only): Apply one coat of 920 Fibered Emulsion Mastic at a rate of 4 to 6 gallons per 100 sq. ft. If applying two coats, each coat should be 2 to 3 gallons per 100 sq. ft. (First coat must be allowed to dry prior to the application of the second coat).

Fabric reinforced dampproofing: Apply one coat of 920 Fibered Emulsion Mastic at a rate of 2 to 3 gallons per 100 sq. ft. Apply 31 Fiberglass Membrane or 34 Asphalt Cotton Fabric over the wet coating, overlapping all edges. Smooth out all wrinkles, making sure there is no trapped air underneath the fabric. Proceed with second coat at a rate of 2 to 3 gallons per 100 sq. ft.

Polystyrene insulation adhesive: 920 Fibered Emulsion Mastic is a water-based asphalt emulsion that is 100% compatible with polystyrene insulation or protection board. As an adhesive, 920 Fibered Emulsion Mastic should be applied in 4" diameter dabs directly to the insulation and immediately pressed into place.

Note: When more than two courses are required, wall ties may be necessary. Allow the film to cure for a minimum of 24 to 48 hours prior to backfilling. Care should be taken during backfilling not to puncture or damage the coating. A protection board is highly recommended, and backfilling should take place within 7 days.

COVERAGE RATE: Apply at 4 to 6 gallons per 100 sq. ft. (64-96 wet mils).

CAUTION: Causes severe skin burns and eye damage. Wash hands thoroughly after handling. Wear protective glove, eye and face protection. IF SWALLOWED rinse mouth, do not induce vomiting. IF ON SKIN rinse with water. IF IN EYES rinse continuously with water for several minutes. Remove contact lenses if present and continue rinsing. Do not apply when rain is imminent. Protect from freezing. Coating must be dried before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Avoid prolonged contact with skin. Dispose of in an environmentally safe manner. For exterior use only.

PACKAGING: Available in 5-gallon pails and 55-gallon drums.

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

PHYSICAL PROPERTIES & SPECIFICATIONS

Weight per Gallon:	9.2 lbs.
Solids by Weight:	52% Nominal
Solids by Volume:	49% Nominal
Color:	Black
Permeance:	0.5 metric perms
Application Temp.:	40°F to 120°F
Cure Time:	24 to 48 hours @ 77°F and 50% Relative Humidity
Service Temp (Cured Film):	-5°F to 180°F
VOC Content:	20 g/L MAX

ASTM D1187 Type I

ASTM D1227 Type II Class I

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MIL-R-3472A

