DAMPPROOFING

220 Fibered Emulsion Dampproofing

Read Safety Data Sheet before using this product.

DESCRIPTION: 220 Fibered Emulsion Dampproofing is a general-purpose coating, manufactured with refined asphalt, clay emulsifiers, and selected fibers. The dried film cures to a tough, flexible, durable finish and will resist variations in temperature and weather. 220 Fibered Emulsion Dampproofing will not burn or support combustion in a liquid state. This is a low odor coating that resists the absorption of exterior moisture. 220 Fibered Emulsion Dampproofing may be applied to slightly damp surfaces.

USES: 220 Fibered Emulsion Dampproofing is a vapor retarder used as a protective coating against dampness on the exterior face of interior walls in cavity wall construction and exterior surfaces of concrete, metal and wood above or below grade. It may also be applied to interior surfaces in the absence of hydrostatic pressure. The emulsion may be utilized as an adhesive for polystyrene insulation prior to backfilling.

SURFACE PREPARATIONS: Surface should be free of oil, grease, dirt laitance and adhesion-inhibiting materials. Recommended application temperature is 40°F to 120°F. If applying at temperatures lower than 40°F, the substrate must be free of ice crystals. Dry surfaces may be dampened with water before application of the coating. Repair all cracks and holes with 220 Fibered Emulsion or 920 Fibered Emulsion Mastic and 31 Fiberglass Membrane or 34 Asphalt Cotton Fabric before applying the surface coating.

APPLICATION: 220 Fibered Emulsion Dampproofing is easily applied by brush, roller or spray equipment. Apply 220 Fibered Emulsion Dampproofing in one coat. If applying two coats, allow the first coat to dry. Coating should be continuous and free of pinholes and holidays. Cover all slots, joints and grooves and apply into all chases and corners.

BRUSH APPLICATION: Apply with a wide fiber brush at the rate of 4 to 6 gallons per 100 sq. ft. (64-96 wet mils).

SPRAY APPLICATION: Utilize a standard heavy-duty spray pump using heavy duty guns and nozzles. Apply at the rate of 4 to 6 gallons per 100 sq. ft. Equipment manufacturer should be consulted for more complete information.

Above-grade dampproofing (interior and exterior cavity walls): Apply one coat of 220 Fibered Emulsion Dampproofing 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 (interior, exterior and cavity walls): Apply one coat of 220 Fibered Emulsion Dampproofing 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 220 Fibered Emulsion Dampproofing at a rate of 2 to 3 gallons per 100 sq. ft. Apply 31 Fiber Glass 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: 220 Fibered Emulsion Dampproofing is a water-based asphalt emulsion that is 100% compatible with polystyrene insulation or protection board. As an adhesive, 220 Fibered Emulsion Dampproofing 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 within7 days.

COVERAGE RATE: Apply at 4 to 6 gallons per 100 sq. ft. Spray application should be at the same rate.

CAUTION: 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:	0.5metric 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°Fto 180°F
VOC Content:	20 g/L MAX

ASTM D1187 Type I and Type II

ASTM D1227 Type II Class I

SS-R-1781

MIL-R-3472A