

# 100 Non-Fibered Emulsion Dampproofing

## DESCRIPTION

KARNAK 100 Non-Fibered Emulsion Dampproofing is a general-purpose coating, manufactured with refined asphalt, emulsifiers and selected clay fillers. The dried film cures to a tough, flexible, durable finish and will resist extreme variations in temperature and weather. 100 Non-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. 100 Non-Fibered Emulsion Dampproofing can be applied to damp surfaces.

## USES:

100 Non-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. Dry surfaces may be dampened with water before application of the coating. Repair all cracks and holes with 920 Fibered Emulsion Mastic and 31 Fiberglass Membrane or 34 Asphalt Cotton Fabric before applying the surface coating.

## BRUSH APPLICATION:

Apply with a wide fiber brush. Apply at the rate of 2 to 3 gallons per 100 sq. ft.

## SPRAY APPLICATION:

Utilize a standard heavy duty spray pump using heavy duty guns and nozzles. Apply at the rate of 2 to 3 gallons per 100 sq. ft. Equipment manufacturer should be consulted for more complete information.

## APPLICATION:

100 Non-Fibered Emulsion Dampproofing is easily applied by brush, roller or spray equipment. Apply 100 Non-Fibered Emulsion Dampproofing in one coat. If applying two coats, 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.

# KARNAK

330 CENTRAL AVENUE, CLARK, NJ 07066  
732-388-0300 • 800-526-4236 • FAX: 732-388-9422

WEB: <http://www.karnakcorp.com>

# 100 Non-Fibered Emulsion Dampproofing

**APPLICATION:**

A. Above-grade dampproofing (interior and exterior cavity walls):

Apply one coat of 100 Non-Fibered Emulsion Dampproofing at a rate of 2 to 3 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).

B. Below-grade dampproofing (interior, exterior and cavity walls):

Apply one coat of 100 Non-Fibered Emulsion Dampproofing at a rate of 2 to 3 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.)

C. Fabric re-enforced dampproofing:

Apply one coat of 100 Non-Fibered Emulsion Dampproofing 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.

D. Polystyrene insulation adhesive:

100 Non-Fibered Emulsion Dampproofing is a water-based asphalt emulsion that is 100% compatible with polystyrene insulation or protection board. As an adhesive, 100 Non-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 within 7 days.

**COVERAGE RATE:**

Apply at 2 to 3 gallons per 100 square feet. Spray application should be at the same rate.

**KARNAK**

330 CENTRAL AVENUE, CLARK, NJ 07066  
732-388-0300 • 800-526-4236 • FAX: 732-388-9422  
WEB: <http://www.karnakcorp.com>

MIAMI-DADE COUNTY  
APPROVED

# 100 Non-Fibered Emulsion Dampproofing

**SPECIFICATION:**

ASTM D-1187 Type II

ASTM D-1227 Type III Class I

SS-R-1781

MIL-R-3472A

**PHYSICAL PROPERTIES:**

Weight per Gallon:	8.5 lbs
Solids by Weight:	52% Nominal
Solids by Volume:	49% Nominal
Color:	Black
Permeance:	0.5 metric perms
Cure Time:	24 to 48 hours @ 77°F and 50% Relative Humidity
Service Temp.(Cured Film):	-5°F to 180°F.

**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.

**PACKAGING:**

Available in 5 gallon pails and 55 gallon drums.

**If further information is needed, contact KARNAK Technical Services at 1-800-526-4236.**

**KARNAK**

330 CENTRAL AVENUE, CLARK, NJ 07066  
732-388-0300 • 800-526-4236 • FAX: 732-388-9422  
WEB: <http://www.karnakcorp.com>

Rev. 10.22.18

