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General Description

This non-fibered asphalt coating is a water based mineral colloid with a smooth thick-cream consistency and is odourless. It has excellent adhesion to both damp and dry surfaces and forms a flexible waterproof coating. It meets the current revisions of CAN/CGSB 37.2-M88.

Uses

It is used as a waterproofing compound in membrane systems to control hydro-static pressure or may be applied as a simple coating for dampproofing concrete and masonry. Ideal for foundation walls, footings, split slab floors, retaining walls, dams, reservoirs bridge deck and for sealing cuts after tree pruning. It is specified for exterior dampproofing of preserved wood foundations as stated in CAN/CSA-5406M Construction of Preserved Wood Foundations. Also an excellent dampproofing coating for polystyrene foam concrete foundation forms as it will not attack the foam.

Limitations

This product will freeze and is water soluble prior to curing, consequently, newly applied material must be protected against frost or rain.

Physical Properties

Colour	- Black
Solids	- Approximately 50%
Density	- 1.02kg/litre (8.5 lbs/gallon)
Drying Time	- Up to 24 hours average
Temperature resistance	- 200°F (95°C) dry
Moisture permeability	- .15 perms @ 1/8"

Preparatory Work

Surface should be free of cracks, oil or foreign material. Dry surfaces should be dampened prior to application to improve the bond. Stir well before using.

Precautions

Emulsified asphalts cannot be applied below 40°F (4°C) as they freeze and are damaged by freezing.

Work Characteristics

I-M Waterproofing Emulsion can be diluted up to 50%. The material should be applied with a brush. The diluted prime coat can be sprayed as described in the following instructions.

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Dampproofing

A two-coat system is recommended. Dilute 7101 20-30% with clean water and spray, roll or brush at 5 l per 10 sq. meters or 1 U.S. gallon per 100 sq. feet and allow to dry. Then apply an undiluted coating of 7101 at 10 litres per 10 square meters, or 2 gallons per 100 square feet, and allow to dry.

Foundation Waterproofing – See CAN/CGSB – 37.3 –M89

1st coat – same as dampproofing.

2nd coat – same as far as dampproofing except that before 1st coat dries imbed glasscloth or polyester roof membrane (Tietex) into wet film and then overcoat with full strength 7101 at 10 liters/10sq. meters or 2 U.S. gal./100 sq.ft. and allow to dry

Further coatings may be required. See CAN/CGSB – 37.3-M89

Curing and Backfill

Allow to dry thoroughly before commencing backfill. Protect cured coatings from damage when backfilling by using fibreboard cladding, poly film or by carefully placing backfill. Water can be used to remove the uncured emulsion. Solvent must be used on the cured film.