

# 700-01

## Waterproofing Asphalt Emulsion

**Physical Properties:** Complies with CAN/CGSB 37.2

-Colour	Black	-Flammability	
-Solids by Volume	57% (approx.)	Wet	Non-Combustible
-Weight	1.0 kg/l (8.3 lbs.gal U.S.) (approx.)	Dry	Burns
-Coverage ( per coat)	0.5 to 1.5 l/m <sup>2</sup> (1.2 to 3.6 U.S. gals/100ft <sup>2</sup> )	-Chemical Resistance	Resists water, calcium chloride, salt, mild acid and alkaline solutions. Non-resistant to oils, grease or solvents.
-Drying Time	@ 50% R.H. 20°C		@ 3 mm
Firm Dry	1 to 24 hours depending on thickness	-Water Vapour	8.0 ng/Pa.m <sup>2</sup> .s
-Service Temp (cured coating)	(Upper limit) 95°C	Permeance	(0.14 perms)
-Application Temp	Minimum 5°C		

### Description

**700-01** is a waterproof emulsion composed of vacuum-reduced asphalt dispersed in a mineral colloid emulsifier. It is odourless, non-toxic, of heavy brush consistency, exhibiting excellent adhesion to both damp and dry construction surfaces. The cured coating presents a stable, ductile coating impervious to sustained contact with water. Environmentally friendly material containing no asbestos or volatile compounds.

### Uses

Used a waterproofing compound in membrane systems to control hydrostatic pressure or may be applied as a simple coating for dampproofing concrete and masonry. Ideal for insulated concrete forms (ICF), preserved wood foundations (PWF), foundation walls, footings, split-slab floors, retaining walls and wing walls.

### Limitations

Protect new work from rain or water from any source until cured. Do not apply material to excessively wet surfaces. For applications below 5°C, use **710-11**. See **710-11** Data Sheet.

### Preparation and Priming

Surface must be sound, free from frost, grease, oil, or loose material. Masonry mortar must be finished clean and smooth and concrete free from fins, honeycomb or other surface irregularities. Dry surfaces should be dampened with water just prior to application of the coating to improve bond. Apply **700-01** diluted 20% by volume with clean water at the rate of 0.5 l/m<sup>2</sup> and let dry as the primer coat. Priming is not required on insulated concrete forms (ICF) or preserved wood foundations (PWF).

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### Application

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**Dampproofing:** Apply a brush or spray coat of **700-01** at approximately 1.5 l/m<sup>2</sup> (3.6 U.S. gal/100ft<sup>2</sup>) and let dry. No primer coat is required for dampproofing.

**Waterproofing (Membrane):** Refer to Cold Process Waterproofing Guide Specification for complete details. Apply **700-01** and **990-06 Yellow Jacket** as indicated below:

Head	Yellow Jacket	700-01
0-3 m	2 plies	3 coats
3-6 m	3 plies	4 coats
6-9 m	4 plies	5 coats
9-12 m	5 plies	6 coats

Apply each ply of **990-06 Yellow Jacket** into a coat of **700-01** applied at not less than 1 l/m<sup>2</sup> (2.4 U.S. gal/100ft<sup>2</sup>). Brush **990-06 Yellow Jacket** into place with a soft bristle brush to eliminate wrinkles, air pockets or blisters and obtain full contact. Overlap **990-06 Yellow Jacket** extending at least 50 mm at all joints. At all corners and angles and at the junctions of waterproofing on foundation walls with waterproofing on footings, reinforce with two extra coats of **700-01** and two plies of **990-06 Yellow Jacket** at least four inches each side of the junction. Apply a seal coat of **700-01** over the whole area at not less than 1 l/m<sup>2</sup> (2.4 U.S. gal/100ft<sup>2</sup>).

**Curing and Protection:** Allow to dry thoroughly and apply protection layer prior to commencing backfill. Protect cured application from damage caused by backfilling by using **990-31 Protection Board** adhered with **200-32** or **230-21 Rigid Insulation Adhesive** in a spot adhered pattern 150 mm o.c. Application by caulking gun in 12 mm beads on 150 mm centers in a serpentine pattern is also acceptable.

### Clean Up

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Store brushes, tools, and equipment in water immediately after use. Use mineral spirits to remove dried films.

### Avoid Freezing

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Avoid freezing during storage, application, and before material has cured.

### Caution

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Harmful if swallowed.

### Limited Warranty

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We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY:** THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.