



521 SEALMASTIC™
Rubberized Emulsion Coating

DATA SHEET NO. 6335000

DESCRIPTION

521 SEALMASTIC rubberized emulsion coating is a chemically emulsified, asphaltic coating/adhesive. It dries to a flexible, tough, dampproof coating. With the addition of reinforcing fabric, it can also be used as a waterproofing coating. 521 SEALMASTIC is particularly suited for use on expanded and extruded polystyrene or any substrates which would be subject to breakdown with the use of cutback asphalt coatings.

USES

521 SEALMASTIC is designed for use on concrete, wood, masonry, gypsum, and rigid and fiberglass insulation. It is well suited for use on wood basements. It can also be used to adhere polyethylene film to a variety of substrates. 521 SEALMASTIC is a versatile dampproofing material and is compatible with both extruded and expanded polystyrene.

PRECAUTIONS

It is a water/asphalt emulsion and will freeze. **Do not allow to freeze.**

PACKAGING

18.9 L pails

SPECIFICATIONS

Complies with CAN/CGSB-37.2-M88. Should be applied according to CAN/CGSB-37.3-M89. Reinforcing fabric for use with waterproofing emulsion should meet CGSB 37-GP-63M.

PHYSICAL PROPERTIES

Colour		Brown, turning black
Solids		70%
Drying Time:	Touch dry	2 hours
	Firm dry	24 hours
Application Temperature		2°C (35°F) Minimum
Flammability:	Wet	Non-Combustible
	Dry	Burns
Service Temperature		to 95°C (203°F)

COVERAGE

Dampproofing: 1.5-2 m² /L (75-100 ft.² /gal.)

Waterproofing: 1 m² /L/ply (50 ft.² /gal./ply)

Depth	# of Plies
to 3m (9.8 ft.)	2
to 6m (19.7 ft.)	3
to 9m (29.5 ft.)	4

For depths greater than 9 m (29.5 ft.), add one ply for each additional 3 m (9.8 ft.). This table is a guide only. Individual design analysis is required. Waterproofing emulsion can be sprayed; please consult technical representative for recommended equipment.

APPLICATION

Surface Preparation ... Surface shall be firm and free from loose particles, cracks, grease, oil, frost, snow, ice, and other foreign matter. Surface may be damp, but not wet. Prime with 50% diluted 521 SEALMASTIC. Dilute with clean water only.

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As a Dampproofing ... Mix thoroughly. Apply by brush, trowel, or sprayer at a minimum rate of 1.5 m²/L (100 ft.²/gal.). Protect uncured emulsion from precipitation. Protect walls with protection board during backfill operations.

As a Waterproofing ... Mix thoroughly. Apply by brush, trowel, or sprayer at a minimum rate of 1.5 m²/L (50 ft.²/gal.). Embed a ply of reinforcing fabric into the emulsion; lap edges 50 mm (2"). Apply another coat of emulsion, making sure that no fabric is showing. Continue this program until the required number of plies have been applied. No ply of reinforcing should be applied until the preceding ply is dry. Protect uncured emulsion from precipitation. Protect walls with protection board during backfill operations. Use water for cleanup of uncured emulsion. Use mineral spirits for cleanup of cured emulsion.

LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 3.1: Construction Indoor Air Quality Management Plan: During Construction
- IEQ Credit 4.2: Low-Emitting Materials: Paints & Coatings
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

2004 MASTERFORMAT NUMBER AND TITLE

07 11 13 – Bituminous Dampproofing

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