

Techno Proof WB 1

Bitumen emulsion protective waterproofing coating

Uses

To act as a damp-proof membrane and vapor seal for concrete and masonry.

It can also be used as a protective coating for concrete below ground.

Advantages

Easy to apply.

Economical in use.

Contains no solvents.

Resists attack by chloride and sulphate ions present in ground water.

Adheres to a wide range of materials including concrete, steel, cork and wood.

Standards Compliance

Techno Proof WB 1 complies with concrete curing requirements of ASTM C 309-93 when applied at a rate of 2m² per liter

Description

Techno Proof WB 1 brown / black liquid blend of selected bitumen is emulsified with water to give an easily applied protective coating. Techno Proof WB 1 dries to a black, tough waterproof coating which is also resistant to the passage of vapor.

Properties

Time between coats: Minimum 2 hours

Application instructions

Surface preparation

Surfaces to be coated must be sound, clean and free of oil or grease.

Application

Techno Proof WB 1 may be applied by brush, broom or squeegee. It is recommended that one or two coats should be applied, depending on the degree of protection required. Allow a minimum of 2 hours between coats. Where the Techno Proof WB 1 is to take a screed, the second coat should be blinded with clean, dry sharp sand as soon as applied. The excess sand should be brushed off when the coating has dried. Techno Proof WB 1 should be well stirred before use.

Modern Technologies for Construction Chemicals

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Cleaning

Techno Proof WB 1 may be removed from tools and equipment with water when it is wet. When dry Techno Proof WB 1 may be removed with Techno Solvent.

Supply

Techno Proof WB 1 is available in 200 liter drums.

Coverage

3m² per liter per coat @ 150 microns W F T depending on substrate per coat.

Storage**Shelf life**

Techno Proof WB 1 has a shelf life of 12 months if stored under normal warehouse conditions.

Storage conditions

Store in shade under normal warehouse conditions.

Precautions**Health and safety**

Techno Proof WB 1 contains bituminous material.

Harmful: Possible risk of irreversible effects in contact with skin.

Wear suitable protective clothing gloves and eye Face protection.

Barrier creams provide additional skin protection.

Should accidental skin contact occur, remove immediately with a resin removing cream, followed by soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire

Techno Proof WB 1 is not flammable. Techno solvent102 is flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

Flash point

Techno solvent102 37°C

Additional Information

In addition to bituminous protective coatings, M.T.C. manufactures a wide range of complementary products which includes waterproofing membranes, joint sealants, and grouting, anchoring and specialized flooring materials.

In addition, a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete is available.

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This includes hand-placed and spray grade repair mortars, fluid micro-concretes, chemical resistant epoxy mortars and a comprehensive package of protective coatings.

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