



BituSeal T3

Bituminous waterproofing coating.

Description

A dark brown bitumen emulsion that is a stable emulsion of brush-able consistency that dries to a black flexible layer, which is waterproof.

Uses

Priming:

BituSeal T3 is intended to seal porosity, control dusting and improve the application of subsequent bituminous coating. Priming for:

- Masonry
- Concrete
- Thermal insulation
- Other porous surfaces

Substrate preparation

BituSeal T3 is in a concentrate form that should be diluted with 50% water and mixed thoroughly before application as a primer. Surface should be clean, free of grease, oil, dust or any loose material.

Application

Apply primer with stiff bristle brush or spray working well into the surface. Protect fresh applied area from rain and dust. Under normal weather conditions 4-6 hours drying time is required.

General Waterproofing

BituSeal T3 for waterproofing acts as a water and moisture barrier. Can be used on:

- APP
- Concrete / cement surfaces
- Mastic Asphalt
- Corrugated iron
- Slate tiles
- Lead, copper or zinc

Substrate preparation

Surface should be clean, free of grease, oil, dust or any loose material. Prime surface as detailed above.

Application

Brush application minimum of 2 coats, allowing 6 hours drying time before each coat. BituSeal T3 may be applied on a damp surface for maximum strength, durability and flexibility, surface can be reinforced with a woven fiber glass membrane. Protect fresh applied area from rain and dust.

Mastic Binding

As a floor leveling compound that can be used on:

- Industrial floors
- Patching pot holes
- Resurfacing worn-out or uneven floors
- Platforms
- Walkway

Substrate preparation

Surface should be clean, free of grease, oil, dust or any loose material. Prime surface as detailed above.

Application

Apply a thick tack coat of BituSeal T3 over the dry prime coated surface. Under normal weather conditions 4-6 hours drying time is required.

Mastic Mixes	MIX A	MIX B
Portland cement (KG)	28	35
BituSeal T3 (KG)	38	50
Clean sharp sand (KG)	61	140
Clean crushed stone (KG)	125	-

Quantity mentioned is to cover 10m² at 12mm thickness

MIX A: Typically used for steel wheeled rolling traffic
MIX B: Patching mix for filling holes in concrete floors

Above mixes to be applied on wet tack coat. Stone size should be 50% less than mastic thickness.

Application Specification

Apply 1 coat of primer (BituSeal T3 + 50% water)
Apply 2 coats of BituSeal T3
Apply a layer of non-woven mar-glass membrane
Apply 2 coats of BituSeal T5
Apply 1 coat of BituSeal T7, as a protective layer

Packaging

BituSeal T3 comes in 4kg, 20kg and 200kg

Coverage:

On a reasonably smooth surface an average of 0.75Kgs per Sq.meter per coat.

Storage

BituSeal T3 should be tightly sealed and stored in a cool, dark area. Shelf life of minimum 12 months.

For a long storage period, pour an inch of water on the material and close the lid tightly. Do not mix the water and BituSeal T3. This acts as a barrier between the material and air.

Equipment care

Cleaned all tools used immediately after use and if BituSeal T3 has hardened, use paraffin, kerosene or white spirit.

Safety Precautions

BituSeal T3 is a non-flammable, yet it can burn slowly if the surface is dry. Use protective clothing and eye wear when handling the product, if in contact with skin or eyes, wash with clean water and seek medical advise.

Physical Properties

Heat Flow resistance - cured film will not sag or flow when in contact with heat.

Resistant to:

- water, salt solutions, dilute acid and alkalis.

Non-resistant to:

- Oil, solvents, and detergent solutions.

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