

Bituproof 100

Water based rubberised bitumen protective coating



Description

Bituproof 100 is black/brown emulsified bitumen liquid reinforced with rubber, acting as damp-proof, vapour barrier and protective coating for concrete and masonry.

Applications

Bituproof 100 provides a protective coating and vapour barrier for the following:

- ▲ Under ground concrete foundations.
- ▲ Concrete and masonry block walls.
- ▲ Walls below cladding systems.

Advantages

- ▲ Resists attack by chloride and sulphate ions present in ground water.
- ▲ Applied by brush which makes it easy to use.
- ▲ Economical.
- ▲ Water base has no solvents.
- ▲ Asbestos free.
- ▲ Does not rot.

Standards

- ▲ Bituproof 100 complies with ASTM D1227-95, Type II, Class 2.
- ▲ Bituproof 100 complies with ASTM C309-93 when applied with two coats at a rate of 2 m²/litre.

Method of Use

Surface Preparation

Surface preparation is very important to get the highest performance of Bituproof 100. Any surface to be coated must be clean, sound and free of oil or grease. Any oil or grease contamination should be removed with a chemical degreaser. All holes should be filled with a suitable cementitious mortar before application of Bituproof 100.

Primer Coat

There is generally no need for primer coat. Dusty surfaces should be primed with a coat of Bituproof 100, diluted with an equal quantity of cool, clean water and allowed to dry.

Technical Properties @ 25°C:

Form:	Liquid
Density:	1.05 ± 0.02 g/cm ³
Over coating time:	10 hr
Drying time:	3 - 5 hr
Application temperature:	5 - 45°C
VOC:	< 40 g/ltr

Application

It is recommended that two coats of Bituproof 100 be applied. The second coat should be applied at a right angle to the first coat. Allow a minimum of 3 hours between coats. Stir well before use. Bituproof 100 may be applied by brush, broom or squeegee.

Cleaning

Tools and equipment can be cleaned with water when still wet.

Dried Bituproof 100 may be removed with DCP Solvent.

Packaging

Bituproof 100 is available in 18 and 200 litre drums.

Coverage

3 - 5 m²/litre, depending on surface roughness.

Storage

Store away from direct sunlight, and protect from freezing.

Shelf Life

Bituproof 100 has a shelf life of 12 months from date of manufacture if stored in proper conditions.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.



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Cautions

Health and Safety

As with all bituminous products, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

Fire

Bituproof 100 is nonflammable.

DCP Solvent is flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

Flash Point:

DCP Solvent: 37°C.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.



Note:

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