

Bituproof 300

Water based rubberised bitumen coating



DESCRIPTION

Bituproof 300 is a dark brown emulsified bitumen liquid reinforced with rubber and formulated from selected raw materials to form a flexible water proofing and protective coating for concrete and masonry.

APPLICATIONS

Bituproof 300 provides a water proofing and protective coating for:

- » Retaining walls.
- » Shaded or tiled roofs.
- » Under ground concrete basements, walls and foundations.
- » Wet floor areas such as bathrooms and kitchens.

ADVANTAGES

- » Resists attack by chloride and sulphate ions present in ground water.
- » Single component.
- » Applied by brush which make it easy to use.
- » Economical.
- » Solvent free, non flammable.
- » Asbestos free.
- » Does not rot.

STANDARDS

Bituproof 300 complies with ASTM D1227-95, Type III, Class 1 (as per the technical properties table).

Bituproof 300 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 300. 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 300.

PRIMER COAT

There is generally no need for primer coat. Dusty surfaces should be primed with a coat of Bituproof 300, diluted with an equal quantity of cool, clean water and allowed to dry.

TECHNICAL PROPERTIES @ 25°C:

Form:	Liquid
Density:	1.02 ± 0.05 g/cm ³
Over coating time:	10 hr
Solid content:	Minimum 60%
Rubber content in dry film:	Minimum 10%
Application temperature:	5 - 45°C
Drying time:	3 - 5 hr
Cured after*:	3 - 7 days
VOC:	< 40 g/ltr

**Depending on ambient temperature, relative humidity and thickness of the coating.*

APPLICATION

It is recommended that two coats of Bituproof 300 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 300 may be applied by brush, broom or squeegee.

CLEANING

Tools and equipment can be cleaned with water when still wet. Dried Bituproof 300 may be removed with DCP Solvent.

PACKAGING

Bituproof 300 is available in 18 and 200 litre drums.

COVERAGE

Coverage rate depends on surface roughness and the method of application.

- » 3 - 5 m²/litre/coat, as protective coating.
- » 1 - 1.5 m²/litre/coat, as waterproof coating giving a dry film thickness of 600 microns per coat. Two coats are recommended.





Bituproof 300

STORAGE

Store away from direct sunlight, and protect from freezing.

SHELF LIFE

Bituproof 300 has a shelf life of 12 months from date of manufacture if stored in proper conditions.

If these conditions are exceeded, contact DCP Technical Department for advice.

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 300 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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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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