

Bituproof 50R

Water based latex rubberised bitumen protective coating



DESCRIPTION

Bituproof 50R is a black/brown emulsified bitumen liquid reinforced with latex rubber, acting as damp-proof, vapour barrier and protective coating for concrete and masonry.

APPLICATIONS

Bituproof 50R provides a vapour barrier, protective coating, and curing compound for:

- » Under ground concrete foundations.
- » Concrete and masonry block walls.
- » Walls behind cladding systems.
- » Concrete slabs.
- » Basement walls.

ADVANTAGES

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

STANDARDS

Bituproof 50R complies with ASTM D1227-95, Type II, Class 2.

Bituproof 50R 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 50R. 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 50R.

TECHNICAL PROPERTIES @ 25°C:

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

PRIMER COAT

There is generally no need for primer coat. Dusty surfaces should be primed with a coat of Bituproof 50R, diluted with an equal quantity of cool, clean water and allowed to dry.

APPLICATION

It is recommended that two coats of Bituproof 50R be applied. The second coat should be applied at right angle to the first coat. Allow a minimum of 2 hours between coats. Stir well before use. Bituproof 50R may be applied by brush, broom or squeegee.

CLEANING

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

Dried Bituproof 50R may be removed with DCP Solvent.

PACKAGING

Bituproof 50R is available in 18 and 200 litre drums.

COVERAGE

3 - 5 m²/litre per coat, to achieve a dry film thickness of around 70 - 110 microns per coat, depending on surface roughness.





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STORAGE

Store away from direct sunlight, and protect from freezing.

SHELF LIFE

Bituproof 50R 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.

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 50R 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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A wide range of construction chemical products are manufactured by DCP which include:

- » 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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