Bituproof 40S

Water based rubberised bitumen coating

Description

Bituproof 40S is a black/brown emulsified cold applied bitumen liquid reinforced with rubber, acting as damp-proof, vapour barrier for concrete and masonry, and as a general purpose primer for bituminous membranes.

Applications

Bituproof 40S provides a vapour barrier, protective coating, and curing compound for:

- Under ground concrete foundations.
- Concrete and masonry block walls.
- Walls below cladding systems.
- Concrete slabs.
- Basement walls.
- Works as a primer for concrete, masonry surfaces, before applying waterproofing bituminous membranes.

Advantages

- Resists attack by chlorides and sulphate ions present in ground water.
- Easy to use.
- Economical.
- Water base, has no solvents.
- Does not rot.

Standards

Bituproof 40S complies with ASTM D1227-95, Type II, Class 2.

Method of Use

Surface Preparation

Surface preparation is very important to get the highest performance of Bituproof 40S. 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 40S.

Technical Properties @ 25°C:

Form:	Liquid
Density:	1.05 ± 0.05 g/cm³
Over coating time:	8 hr
Application temperature:	5 - 45°C
Dry time:	2 - 4 hr
VOC:	< 40 g/ltr

Application

It is recommended that two coats of Bituproof 40S be applied at a rate of 3 - 5 m^2/litre per coat. 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.

When used as a general purpose primer for bituminous membranes or other top coats, Bituproof 40S may be diluted with fresh clean water at a 1:1 ratio (by volume) and applied in one coat at a rate of 3 - 5 m^2/litre. The diluted coat should be left to dry before the application of the top layer.

Bituproof 40S may be applied by brush, broom or squeegee.

Cleaning

Tools and equipment can be cleaned with water when still wet. Dried Bituproof 40S may be removed with DCP Solvent.

Packaging

Bituproof 40S is available in 5, 18 and 200 litre drums.

Coverage

3 - 5 m^2/litre per coat, to achieve a dry film thickness of around 70 - 110 microns per coat, depending on surface roughness.

Storage

Store away from direct sunlight, and protect from freezing.

Bituproof 40S

Shelf Life

Bituproof 40S 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 40S 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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