

Bituproof 250

Water based elastomeric high build latex rubberised bitumen coating



Description

Bituproof 250 is a dark brown emulsified bitumen liquid reinforced with latex rubber, formulated from selected raw materials to form a high build elastomeric waterproof and protective coating for concrete and masonry.

Applications

Bituproof 250 provides a waterproofing and protective coating for:

- ▲ Retaining walls.
- ▲ Shaded or tiled roofs.
- ▲ Underground concrete foundations.
- ▲ Wet floor areas such as bathrooms and kitchens.
- ▲ Where minor live cracks may occur in concrete substrates, Bituproof 250 will bridge such minor cracks.
- ▲ Basement walls.
- ▲ Concrete slabs.
- ▲ Suitable for use as curing compound for fresh concrete.
- ▲ Bituproof 250 can be used as protective coating for normal and galvanized steel plates.

Advantages

- ▲ Elastomeric will bridge minor cracks which may occur in concrete substrates.
- ▲ 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.
- ▲ Rot resistant.

Standards

Bituproof 250 complies with the physical properties requirements of ASTM D1227-13 as Type II Class 1.

Technical Properties @ 25°C:

Form:	Liquid
Density: ASTM D1475	1.05 ± 0.03 g/cm ³
Solid content:	48 ± 2%
Over coating time:	3 - 5 hr
Tensile strength: ASTM D412	0.35 MPa
Elongation: ASTM D412	100%

Method of Use

Surface Preparation

Surface preparation is very important to get the highest performance of Bituproof 250.

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 250.

Primer Coat

There is generally no need for primer coat. Dusty surfaces should be primed with a coat of Bituproof 250, diluted with an equal quantity of cool, clean water and allowed to dry.

Application

It is recommended that two coats of Bituproof 250 be applied. The second coat should be applied at a right angle to the first coat.

Allow 3 hours between coats. Stir well before use. Bituproof 250 may be applied by brush, broom or squeegee.



Bituproof 250

Cleaning

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

Dried Bituproof 250 may be removed with DCP Solvent.

Packaging

Bituproof 250 is available in 18 and 200 litre drums.

Consumption

Consumption depends on surface roughness and method of application.

0.45 - 0.75 kg/m² (0.4 - 0.7 litre/m²) per coat, to achieve a dry film thickness of approximately 200 - 350 microns per coat. Two coats recommended.

Storage

Store away from direct sunlight, and protect from freezing.

Shelf Life

Bituproof 250 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 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 250 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.

More from Don Construction Products

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.

Don Construction Products / Jordan

Ma'adaba, Jordan

info.jordan@dcp-int.com

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.

www.dcp-int.com



expertise

quality

full range



08-0115-A-2021