

REC PROOF 991

RUBBERISED HIGH BUILD ELASTOMERIC MEMBRANE

DESCRIPTION

REC PROOF 991 is a high build rubber reinforced bitumen emulsion. The emulsion is dark brown in color and dries to form a black, flexible coating.

SPECIFICATION:

Elastomeric rubberised bitumen emulsion waterproofing membrane.

Concrete surfaces shall be waterproofed with **REC PROOF 991**, an elastomeric high build rubberized bitumen emulsion. Two coats shall be applied each at a rate of 0.87m² per liter providing a total dry film thickness of 1.5 mm. The two coats shall be applied at right angles to each other.

REC PROOF 991 complies with ASTM E84 for Flame Spread Index (FSI) and Smoke Development Index (SDI): Class A.

PRIMARY APPLICATION

REC PROOF 991 is an elastomeric high build, cold applied, rubberized bitumen. Suitable for use as a waterproofing membrane on all wet area floors, walls and roofs where concrete substrate cracking may occur. Also suitable for protecting concrete foundations, tie beams and substructures from vapor / chloride / sulphate contaminated soil in areas above the water table. **REC PROOF 991** will bridge minor live cracks. It is also designed to provide a continuous barrier to the passage of water and water vapor and can be used to produce vapor barriers.

FEATURES/BENEFITS

- Single component.
- Water based - nontoxic.
- Damp tolerant & applicable on green concrete.
- Elastomeric.
- Non-flammable.
- Resists attack by chloride and sulphate ions.
- Asbestos free.
- Suitable for horizontal and vertical application.
- Suitable to use as curing compound.

TECHNICAL INFORMATION

STANDARDS COMPLIANCE

REC PROOF 991 complies with concrete curing requirements of ASTM C309-93 when applied at a rate of 0.87m²/liter. **REC PROOF 991** complies with ASTM E84 for Flame Spread Index (FSI) and Smoke Development Index (SDI) Class A.

PROPERTIES:

Drying time	6 hours @ 35°C
Solid Contents	55 - 60%
Overcoating time	12 hours minimum @ 35°C
Chemical resistance	Resistant to water, aqueous salt solutions, common detergent solution, mild mineral acid and alkali solutions. Not resistant to organic solvents.
Reaction to fire (ASTM E84)	Class A Flame Spread Index (FSI) and Smoke Development Index (SDI)
Note: Drying & Overcoating times will be extended under conditions of low temperature and high humidity.	

DIRECTIONS FOR USE

SURFACE PREPARATION

All surfaces must be clean and dry and free from dirt, dust, oil and grease. All loosely adhering particles such as rust, scale, cement laitance etc. should be removed. All organic growth should be removed using a fungicidal wash, followed by thorough washing with clean water.

APPLICATION

REC PROOF 991 should be applied by brush or squeegee to prepared surfaces. Stir well before use, replace lid when not in use. Soak up any spillage with sand or sawdust and wash down surface immediately.

DAMP PROOF MEMBRANE AND VERTICAL VAPOUR BARRIER

Apply **REC PROOF 991** at the rate of 0.87m² per liter per coat to give a dry film thickness of 0.75 mm. Two coats should be applied, allowing the first coat to dry completely before applying the second. The second coat should be applied at right angles to the first. All applications should be continued up verticals to the existing damp proof course. Ensure the membrane is not punctured or damaged during subsequent operations. Where the surface is to receive a render or plaster finish, a keyed surface should be formed by gritting the second coat of **REC PROOF 991** with clean, dry sand. Allow a minimum of 48 hours drying period before plastering, rendering, laying floor screed and backfilling.

REPAIRS

Damaged areas of **REC PROOF 991** can be readily overcoated to restore the continuity of the membrane.

CLEANING

REC PROOF 991 can be removed with clean water, however once the **REC PROOF 991** has dried, it can only be removed with RECKON Cleaner.

LIMITATIONS

Application should not commence if the temperature is below 6°C or above 45°C.

PACKAGING

REC PROOF 991 is sold in 20- & 200-liter drums.

STORAGE & SHELF LIFE

REC PROOF 991 will have a minimum shelf life of 12 months if stored in normal warehouse conditions between 15 and 40°C. Protect from temperatures below 10°C.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes and do not inhale vapors or spray mist. Wear suitable gloves, eye protection, and protective clothing during mixing and application. Use in a well-ventilated area.

QUALITY STATEMENT

All our products are manufactured to comply with our internal quality management system to ensure consistency and quality.

DISCLAIMER

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