

SBR latex primer & waterproofing additive

Description

Emer-Proof SBR Primer is a single component fast drying primer that provides excellent high bonding and penetrating properties into concrete and masonry surfaces. In addition to its priming properties, Emer-Proof SBR Primer can also be used as a waterproofing additive for cement based products to enhance adhesion, water resistance and compressive strength.

Uses

- Primer over porous surfaces for Emer-Proof 250 membrane
- Tile primer for floor and wall tile adhesives (able to be diluted 1:1 with water for this application)
- Enhancing bond strength of mortars, screeds and renders
- Waterproof additive for cement based tile adhesives, grouts, screeds, renders and patching compounds

Advantages

- Solvent free, non flammable and free of hazardous odours
- Suitable for internal and external priming applications
- Fast drying
- Provides waterproofing additive properties

Properties

Data quoted is typical for this product, but does not constitute a specification.

Appearance:	Milky white when wet Clear when dry
Water Soluble:	100% soluble in a wet state
Flammability:	Nil

Application Instructions

General application details as primer

Surfaces must be clean, sound, stable and free of: loose foreign material; existing coatings; laitance; release agents; curing compounds and oil/grease residues.

- Emer-Proof SBR Primer should be lightly stirred before using, and can be applied to vertical, horizontal and overhead surfaces using a roller, brush or airless spray unit.
- Coverage of 1 litre/6m², this may vary depending on surface porosity,
- When applied Emer-Proof SBR Primer appears in a milky white state, drying clear.
- Not suitable for solvent based finishes, Only use water based systems over Emer-Proof SBR Primer

Applications as additive

- Renders exposed to weather, e.g. beach fronts, facade walls, feature walls.
- For high strength screeds and renders.
- Renders, mortars for Immersed areas, e.g. tanks, ponds, water features and pools.
- Patch and repair mortars.
- Grouts exposed to weather and water.
- Cement based adhesives for kerb stones, tiles and fixtures.
- Enhancement of general purpose tile adhesives, grouts and renders, screeds.
- Slurry sealing primer over block and brick surfaces, over aged or open pores of concrete, filling pores, voids etc.

Using as additive, bonding agent

- Improved bond strength in areas subject to moisture, weather or immersion.
- Improved water resistance and waterproof properties.
- Improved crack, frost and salt resistance.
- Improved durability.

Forming a waterproof and high bonding slurry coat - mix the following parts by volume: 1 part Primer + 1-1.5 parts of Portland cement + 0.5 -1.0 parts sand. Once mixed to a brushable consistency, apply to substrate with a brush, broom etc. When applying renders, screeds, patch mortars etc over this slurry, optimum adhesion results are achieved as a "wet on wet" application.

When applied to surfaces as a slurry seal, this will perform as the system primer, enabling Emer-Proof Ecoflex to be applied over once dried. Emer-Proof 250 can be applied over slurry primer while in wet state, offering big advantages on areas where conditions are damp, cold, humid and moist without delaying the application.

Emer-Proof® SBR Primer

Mix Designs

A wide range of mix designs is achievable using Emer-Proof SBR. Typical designs are detailed below:

1. General Screeds:

Use Emer-Proof SBR with water at 1:3 Ratio as mixing liquid for general screeds (as a starting guide only)

2. Patching and repair mortar:

50 kgs Ordinary Portland Cement
150 kgs grade C/M sharp sand
15 litres of Emer-Proof SBR
2-3 litres (maximum) clean water
Recommended thickness: 6 mm - 40 mm

3. Heavy-duty floor screed:

50 kgs Ordinary Portland Cement
75 kgs 3 to 6 mm granite chips
75 kgs grade C/M sharp sand
15 litres of Emer-Proof SBR (no water addition, further addition of Emer-Proof SBR can be used to wet product further)
The screed should be of a semi-dry cohesive consistency.
Recommended thickness: 10 mm - 40 mm

4. Render:

50 kgs Ordinary Portland Cement
150 kgs grade C/M sharp sand
2.5kg of lime maximum can be added to enhance anti-slump properties
15 litres Emer-Proof SBR
1-2 litres of clean water. More can be added to adjust workability if required.
The render should be of a semi-dry cohesive consistency.
Recommended thickness: 6 mm - 9 mm

5. Bonding mortar for slip bricks, tiles, etc:

50 kgs Ordinary Portland Cement
125 kgs grade C/M sharp sand
15 litres Emer-Proof SBR
1-2 litres of clean water. More can be added to adjust workability if required.
Water is adjusted to give a firm mortar. For fine joints, use grade M/B sand. Support where necessary until the mortar is set. Recommended thickness: 6 mm to 40 mm.

6. High bonding waterproof slurry coat

20kg Portland cement
20kg grade C/M sharp sand
12 litres of Emer-Proof SBR. To increase workability to a flowable/brushable consistency, increase addition of Emer-Proof SBR until desired consistency is achieved.

Cleaning

With water while wet. Once dried soapy water or light mechanical means may be required

Estimating

Supply

15 litre pail PC:743260

Coverage

Approx 1litre will cover 6-8m² on general porous surfaces

The coverage figures are theoretical – due to wastage factors and the variety and nature of possible substrates, practical coverage figures may be substantially reduced.

Storage

Shelf life

12 months if kept in a cool, dry store.

Storage conditions

Storage in dry conditions at temperatures between 5°C and 30°C in the original, unopened containers. If stored at high temperatures, the shelf life may be reduced.

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

Emer-Proof

The logo for Parchem, featuring a stylized red and black arch above the word "parchem" in a bold, lowercase sans-serif font.

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