

Product Data Sheet

ACRYLIC PRIMER

CONCRETE REPAIR MATERIALS

ACRYLIC PRIMER

Description

Acrylic Primer is a liquid, water based, styrene-butadiene polymer latex with high bond characteristics designed to give maximum penetration into the substrate in order to enhance the adhesion of Cemrok concrete repair mortars, Flooring screeds and underlayments or other cementitious based repair materials.

Uses

Acrylic Primer has been designed for use with Cemrok Concrete Repair Materials and Flooring Products. It benefits the bonding of Cemrok Concrete Repair Mortars or other cement based materials to a variety of substrates. **Acrylic Primer** is also used for bonding and improving bond to cement based floor screeds.

Special Properties

- Water based, non toxic and safe to use.
- Single component, easy to apply.
- Dramatically improves the adhesion/bonding of cementitious mixes.
- Ensures bond strengths typically in excess of 2.5N/mm².
- Reduces suction from porous concrete - prevents rapid drying of applied material.
- Helps prevent air bubbling in pumpable screeds, maximising compressive strength.
- Confers resistance to sulphate attack.

Substrate Preparation

Substrates should be hard, sound and free from dirt, dust, oil, grease, paint, plaster, laitence and other contaminants which could provide a barrier to adhesion.

Preparation of the substrates by mechanical means such as shotblasting or scabbling is recognised as the most effective way to provide a good key.

Where a substrate has been subjected to chemical contamination, advice as to any specific precautions should be sought from the technical department.

Application

For repair to structural concrete.

A single coat of primer diluted in the ratio of one part primer to three parts water (by volume) should be scrubbed into the substrate at a coverage of 0.15 litres/m².

The repair material can be applied "wet on wet" for maximum bond.

For weak or low strength substrates (less than 20 N/mm² compressive strength), or substrates with a high suction such as brickwork or blockwork, two coats of primer will be required, the first coat being allowed to completely dry before application of the second coat.

Sub floor preparation, prior to screeding.

Acrylic Primer should be diluted as follows:-

Sealing Coat (allow to dry) 1 part primer to 5 parts water (by volume)

Bonding Coat (dry overnight) 1 part primer to 2 parts water (by volume)

Particularly absorbent or porous surfaces may require a subsequent bonding coat to prevent air rising from the substrate and affecting the final finish.

The primer should be applied with a soft broom ensuring that all puddles and any ponding is brushed out prior to screeding. The primer should not be applied to substrates with a temperature of less than +6°C.

Coverage, (dependent upon porosity), approx. 0.3 litres per m².

Typical Performance:

Appearance:	White Liquid
Drying time:	Overnight under normal conditions
Chloride content:	Nil as per EN480-10

Quality Control

All Pozament products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001.

Packaging and Storage

Acrylic Primer is available in 15 litre screw top containers.

Acrylic Primer should be stored unopened in dry conditions above 0°C and protected from frost. If the product does freeze it should be thawed out slowly and remixed mechanically prior to use.

Shelf life is typically 12 months, unopened/airtight.

Health & Safety

Health and safety advice, which must be followed, can be found on Material Safety Data Sheet 40/14/A.

Information, prices & ordering

For technical information, pricing and to place orders contact our Sales Office on the following:

Telephone: 01283 550060 Fax: 01283 550486

Email: cmssales&distribution@tarmac.co.uk

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