

## TARMAC CONCRETE PRIMER A

### DESCRIPTION

**Tarmac Concrete Primer A** is a milky white dispersion of acrylic polymer in a water base, designed to give maximum penetration into the substrate in order to enhance the adhesion of Cemrok concrete repair mortars or other cementitious based repair materials.

### USES

**Tarmac Concrete Primer A** has been designed for use with Cemrok Concrete Repair Materials and Flooring Products. **Tarmac Concrete Primer A** is 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.
- Ensures Excellent adhesion to a wide range of substrates and reduces risk of bond failure.
- Ensures bond strengths typically in excess of 2.5N/mm<sup>2</sup>.
- Reduces suction from porous concrete - prevents rapid drying of applied material.
- Helps prevent air bubbling in pumpable screeds, maximising compressive strength.

### 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 subject to chemical contamination advice as to any specific precautions should be sought from the Cemrok 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/m<sup>2</sup>.

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

For weak or low strength substrates (less than 20 N/mm<sup>2</sup> 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.

CONTINUED . . .

## Sub floor preparation, prior to screeding.

**Tarmac Concrete Primer A** should be diluted as follows:-

|                              |   |
|------------------------------|---|
| Sealing Coat (allow to dry)  | 1 part primer to 5 parts water<br>(by volume) |
| Bonding Coat (dry overnight) | 1 part primer to 2 parts water<br>(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, (dependant upon porosity), approx. 0.3 litres per m<sup>2</sup>.

## TYPICAL PERFORMANCE

|                   |                                     |
|-------------------|-------------------------------------|
| Specific Gravity: | 1.03 Kg/litre.                      |
| pH:               | 8.0 to 9.0                          |
| MFT:              | 3%                                  |
| Solids Content:   | 50%                                 |
| Drying Time:      | Overnight, under normal Conditions. |

## PACKAGING & STORAGE

**Tarmac Concrete Primer A** is available in 5, 10 and 25 litre screw top containers.

**Tarmac Concrete Primer A** should be stored unopened in dry conditions at 6 to 25°C. Protect from frost.

Shelf life is typically 12 months, unopened/airtight.

## HEALTH & SAFETY

For health and safety data, see sheet reference 80/25A.

## QUALITY CONTROL

All Cemrok products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9000 Series.

## INFORMATION PRICES & ORDERING

Regular orders for CMS Pozament products should be made by contacting our national order line on 01283 550060 giving as much notice as possible but not less than 48 hours.

New orders for CMS Pozament products should be made by contacting 01283 554800.

**Warning:** The advice shown on this sheet is given as a guide to good practice but CMS Pozament can accept no responsibility for any loss, damage or injury howsoever caused in following it.

GO BACK