

Concrete Primer Datasheet

August 2019

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Concrete Primer is a modified liquid cement primer to be used on floated (rough) and porous surfaces, ensuring a good bond onto the substrate. Dense, impervious surfaces should be ground so as to expose the surface pores and to create a relatively flat and level surface.

Purpose

It's used to equalise suction by reducing substrate porosity and to ensure a good bond onto the substrate being coated.

Technical Data

| | |
|---------------------|---|
| Type | Cement compatible primer |
| Colour | Milky white liquid |
| Curing | Needs to air cure for at least 12 hours |
| pH | ± 8 to 9 |
| Ambient temperature | Avoid extreme temperatures and store above 5°C |
| Boiling point | 100°C |
| Density | ± 1kg/litre |
| Other properties | The base polymer is slowly biodegradable |
| Properties | Open drums will skin Stable when mixed with cement |
| Safety | See MSDS |

Applications

Concrete Primer can be applied by brush, sponge or roller. Spraying of product should be avoided as this may hinder penetration of the surface by the primer.

- Apply the first liberal coat ensuring that the primer is well worked into the surface.
- When the first coat has dried (4 hours), apply a thin second coat with uniform brush strokes at right angles to the finishing stroke direction of the previous coat.
- Highly porous substrates may require subsequent coats which should be applied in strokes at right angles to the previous coat as soon as the previous coat is touch dry.
- The primed surface should be protected from traffic and soiling and allowed to cure for 12 hours from the completion of priming before application of coatings.

Work

Storage & Shelf Life

Store in closed container in a cool, dry area away from direct sunlight. Protect from exposure to temperatures above 35°C and from freezing. Use within 12 months from purchase.

Surface Preparation

The surface must be structurally sound, clean and dry and free from shutter release and curing agents, laitance and surface contamination such as dust, dirt, waxes, oils, old adhesives, paint, grease, sealants, weak cement screeds and renders, etc. Bituminous compounds must be removed completely. New concrete or screeds and brickwork must be at least 28 days old. Plaster must be at least 14 days old.

Cemcrete provides a comprehensive technical service based on over 4 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

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Coverage

Coverage varies depending on the surface porosity, but is usually approximately 5m² per litre.

Packaging

Supplied in 1, 5 & 25 litre containers.

Safety

Gloves, dust masks and suitable eye protection is a prerequisite to the mixing and application of **Concrete Primer**.

- Skin contact: Wash thoroughly with soap and water.
- Eye contact: Flush immediately with water for 10 – 15 minutes and contact a physician.
- Respiratory problems: Remove affected person to fresh air immediately and contact a physician.
- Not for internal consumption.

Manufacturer's Warranty

Cemcrete warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to Cemcrete shall be limited to replacement of the product ex-factory. Cemcrete makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.

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