

PrimerCote Datasheet

October 2017

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PrimerCote is a specially designed textured substrate coating used in combination with Cemcrete FlexBond to bond new screeds to existing surfaces.

Technical Data

Type	Cement-based
Colour	Grey
Pot life	30 minutes
Initial set	45 - 60 minutes depending on temperatures
Final cure	28 days
Working time after mix	30 minutes
Application temperature (ambient)	5°C to 30°C
Substrate temperature	5°C to 30°C
Minimum thickness at application	0.8 - 1mm as a slush coat
Maximum thickness at application	5mm as filler
Abrasive resistance	Good compressive and abrasive strength
Density	1.35kg/litre
Protection during application	Sun and wind barriers
Safety	See MSDS

Purpose

To provide a tough adhesive for new screeds and Cemcrete's SuperScreed.

Limitations

Ambient temperature must be higher than 5°C. Protect from freezing for at least 6 hours after application. Use only on surfaces that are sound, clean, and dry. Avoid application in direct sunlight to minimize premature drying.

Shelf life

6 Months after date of invoice when stored off the floor in dry conditions in original, unopened packaging.

Site Work

Surface preparation

The surface must be structurally sound, clean, dry and free from any curing agents, laitance and surface contamination such as dust, dirt, waxes, oils, old adhesives, grease, sealants, weak cement screeds etc. that may interfere with adhesion. The surface should be ground to reveal the true state of the floor. Ensure that high spots are removed and a good level surface achieved. All holes and imperfections in the floor must be filled with a good quality repair mortar. New concrete or screeds must be at least 28 days old.

Mixing

Combine 1 part Cemcrete's concentrated FlexBond to 2 parts clean water in a suitable mixing vessel. Add **PrimerCote** to the mixed FlexBond in the ratio 3 parts powder to 2 parts of the liquid. Mix thoroughly using a mechanical mixer. Use the mixed **PrimerCote** within 30 minutes and keep the mix well agitated during application.

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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Application

PrimerCote is applied by block brush ensuring that the mixture is well worked into the surface onto a hard clean floor.

1. On very porous floors you may require more than one coat of Cemcrete's **PrimerCote**; each coat should be applied in a cross-direction to the previous application once the previous coat is touch dry. The final priming coat must be wet when applying your new topping. Do not apply new screeds on a dry primer.
2. Cracks and holes should be primed with the same FlexBond solution mentioned above with a paint brush prior to filling the cracks or holes. Once this is tacky / dry the primer coat mix can be applied till flush with the surface. Allow to set overnight and proceed with either the **PrimerCote** slurry or the Concrete Floor Primer depending on product to be used. Please see relevant product datasheet.

Coverage

5kg **PrimerCote** will cover approximately 10 - 15m² depending on the porosity and texture of the surface.

Packaging

Supplied in 5kg drums.

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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