

CPA 3000 CONCRETE PRIMING AGENT

DESCRIPTION: CPA 3000 – Designer Concrete Priming Agent is a factory blended and packaged concrete primer applied by 'scratch-coat' method and used in conjunction with the installation of Designer Beadcrete™ and Designer Pool Render on concrete pool shell surfaces. The Product is formulated to promote bond strength of the render finish to the concrete substrate and is an engineered cement and sand mix with special additives to improve adhesion and permeability.

RECOMMENDED USE: Concrete priming agent for installation of Designer Beadcrete™ and Designer Pool Render on concrete pool shells

FEATURES & BENEFITS:

*Promotes bond-strength *Factory-blended for materials mix design consistency *Ready-to-use with water additive
* Broom-on application.

PRECAUTIONS & LIMITATIONS:

The Product cannot be installed in wet weather or afterwards for a period of at least 48 hours and neither when ambient temperature is outside the range of 5°C to 30°C. High ambient temperature when combined with strong wind and low humidity risks premature drying and lower bond strength. **CPA 3000 must be dry before installation of Designer Beadcrete™ or Designer Pool Render.** CPA 3000 is not a waterproof membrane. Efflorescence can occur in finished concrete pool shells that may, under certain conditions, migrate to the finished external render surface. No guarantee is or can be given against emergence of efflorescence or other insoluble materials that may migrate to the finished render surface. The Product is recommended for use by professional tradespersons experienced in proper and workmanlike application in accordance with the manufacturer's approved method and compliance with MSDS & PPE advice for safe use.

SURFACE PREPARATION: Thorough surface preparation is a component of proper and workmanlike outcomes of CPA 3000 Designer Concrete Priming Agent.

Important preparation procedures are:

1. Surface must be free of dirt, dust and contaminants. Efflorescence on concrete pool shells will require treatment with a mild hydrochloric acid solution in accordance with recognized method.
2. Highly porous surfaces may require two primer coats.
3. CPA 3000 Concrete Priming Agent may be used in conjunction with Designer Concrete CRM 12 Patch & Repair Mortar installed within the work. Repairs might normally be detailed at least the day prior to application of CPA 3000 Concrete Priming Agent.
4. Rain or moisture affected concrete pool shells must completely and thoroughly dry out before applying CPA 3000 Designer Concrete Priming Agent.
5. If a waterproof membrane is specified, installers must ensure compatibility with CPA 3000 Priming Agent & Designer Beadcrete™ and Designer Pool Render before application.
6. Before application of CPA 3000 Concrete Priming Agent, **dampen only** the concrete pool shell surface with a fine mist-spray of water. Do not apply on saturated or ponded water surfaces. Product failure may or will result and void warranty.

Specification

PRODUCT APPLICATION – IN BRIEF:

Mixing Method & Mix Consistency.

CPA 3000 Designer Concrete Priming Agent may be mechanically mixed in a pail using a mortar stirrer or can be mixed by traditional 'hand' method.

If mixed by mechanical means, place water (3 litres) first then slowly add the 20kg bag of CPA 3000 concrete primer powder while continually mechanically mixing. Adjust mix to desired consistency with extra water not exceeding 1-litre. Blend the full mix for a maximum of 2 to 3 minutes so as not to over-aerate the mix.

Mix consistency is adjusted by the addition of water. The maximum water content to 20kg CPA 3000 is 4-Litres. Mix consistency is typically adjusted subject to the condition of the pool shell surface and installation requirements of the work.

Mixing Instructions Summarised.

Primer 'Scratch Coat': 3-Litres to maximum 4-Litres Clean Water / 20kg CPA 3000 Concrete Primer.

Beadcrete Activator: *Use as a water-replacement additive (1-litre / 20kg CPA 3000) to achieve higher bond-strength and lower permeability to the pool shell surface.*

Product Placement Summarised.

Primer 'Scratch Coat': Apply using a soft-bristle broom and to achieve a coarse-textured finish that will promote bond strength. CPA 3000 Designer Concrete Priming Agent must be allowed to dry before installation of Designer Beadcrete™ or Designer Pool Render.

Estimating Coverage – CPA 3000 Concrete Priming Agent.

To ensure sufficient and uniform coverage CPA 3000 Designer Concrete Priming Agent must be applied at least the minimum recommended rate of 1mm to 2mm thickness. 20kg / 3.5 litres water might normally cover approximately 15m² to 20m².

Note: Coverage estimate is a guide only. Variation may or will occur subject to preferred mix design, application method and finishing techniques of tradespersons, waste factors and scope of the works.

PACKAGING & STORAGE:

CPA 3000 Designer Concrete Priming Agent is packaged in 20kg bags and must be stored undercover, above ground and protected from water damage. Shelf life is 6 - 12 months from date of manufacture subject to climate and storage conditions.

IMPORTANT NOTE:

The information provided in this publication is for general guidance only. Designer Concrete Coatings Pty Ltd accepts no liability for its use. Workmanship and product application in accordance with product specifications, precautions and limitations is the responsibility of the tradesperson contracted to carry out the work. Provisions for proven defective or faulty materials and product damage from other sources are stipulated in the Company's written product warranty.

IF FURTHER INFORMATION IS REQUIRED, PLEASE CONSULT OUR TECHNICAL DEPARTMENT. (02) 9771 5511 FAX: (02) 9771 5744.

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