

MultiPurpose Water-Based Sealer Datasheet

October 2021

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A non-yellowing clear polymer emulsion.

Technical Data

Type	Water-based acrylic emulsion
Colour	Dries transparent
Pot life	Skins at early stages
Initial set	4 hours
Final cure	3 days
Working time after mix	30 minutes
Application temperature (ambient)	10°C to 30°C
Substrate temperature	10°C to 30°C
pH scale	Neutral at 7
UV resistance	Stable and non-yellowing
Abrasive resistance	Able to wipe after final cure
Density	1kg/litre
Protection during application	Sun and wind barriers
Safety	See MSDS

Purpose

Provides a tough, durable, flexible, clear coating on vertical surfaces of concrete, cement plaster and masonry. **MultiPurpose Water-Based Sealer** combines aesthetic appeal with protective performance. The main properties are UV resistance, non-yellowing, resists becoming brittle, water-fast, alkali resistant and carbon dioxide tight. It is therefore invaluable for protecting concrete reinforcing against corrosion caused by carbonation. It has good binding properties on friable surfaces and can be recoated.

Benefits

- UV stable and non-yellowing
- Alkali resistant
- Carbon dioxide tight (protects steel re-enforcing)

Applications

Recommended for the sealing of concrete against staining, mottling and general discolouration. Useful for protecting architectural and exposed aggregate concrete, split concrete masonry and brick walls.

Types

Available in gloss and super matt.

Colours

Clear only.

Specifying

Apply **Cemcrete MultiPurpose Water-Based Sealer** in with as many coats as is required to obtain an even sheen, using an Addis primer and undercoat roller. Surface to be dry and absolutely clean prior to application. Minimum of 2 to 3 hours between coats.

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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Note

Not for use on slate or new quarry tiles. Not for use in water-containing structures. Be aware of rubber and plastic based items that could damage the sealer. Refer to this link for details: <https://www.cemcrete.co.za/plasticizer-migration-explained.html>

Site Work

Suitable surfaces

Architectural concrete, split concrete bricks, exposed aggregate concrete, brushed terrazzo, brick walling. All surfaces should be hard, dry and free from anything which could prevent adhesion of the sealer. It is essential that curing membranes and shutter release agent be completely removed.

Surface preparation

Raw existing surfaces

Substrate(s) should preferably be ground with a grinder to remove surface residues and to expose the true condition of the substrate. Surfaces should be hard (no crumbling or cracking, and have good compressive strength). They should also be clean, free of contaminants, or laitance of any sort which may impair bond.

Surfaces coated with Cemcrete cement-based decorative coatings

Only coat when moisture levels are less than 5%.

Masking

For best results all windows, doors and adjacent surfaces should be masked using masking tape and brown paper. All masking material must be removed at the end of the day.

Mixing

Use straight from the container after stirring.

Application

Apply liberally straight from the container using an Addis primer and undercoat roller. Apply as many coats as required to obtain an even sheen. Allow 2 - 3 hours between coats depending on weather and surface porosity. If the **MultiPurpose Water-Based Gloss Sealer** is to be over-coated with a solvent-based sealer the **MultiPurpose Water-Based Gloss Sealer** must be allowed to dry overnight prior to applying the solvent-based sealer.

Specimen finish

A trial area should be treated on-site for the architect's approval.

Weather

Do not apply on frozen surfaces or when temperature is below 10°C.

Storage

Can be stored above 5°C in sealed drums for up to 6 months from date of invoice.

Coverage

Approximately 5 to 6m² per litre per coat.

Packaging

Supplied in 1, 5 & 20 litre containers.

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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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