

MultiSurface Sealer Datasheet

September 2019

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A non-yellowing clear, thermoplastic lacquer-based resin which displays excellent UV stability. Has very fast solvent release, i.e. drying properties. The sealer enhances the colour of cement substrates and protects surfaces from the ingress of moisture, dirt and grease.

Technical Data

Type	Solvent-based
Colour	Transparent
Overcoating time	2 hours
Touch dry	2 - 3 hours depending on weather
Trafficable	3 days
Application temperature (ambient)	10°C to 30°C
Substrate temperature	10°C to 30°C
UV resistance	Stable and non-yellowing
Abrasive resistance	Trafficable after 3 days at 25°C and 50% RH
Density	0.8kg/litre
Protection during application	Sun and wind barriers
Safety	See MSDS

Purpose

Provides a tough, durable, clear, penetrating coating on horizontal and vertical surfaces of concrete, cement plaster, masonry, stone and gypsum. Combines aesthetic appeal with protective performance. The main properties are UV resistance, non-yellowing, water-fast, alkali resistant and carbon dioxide tight. It has good binding properties on friable surfaces and can be re-coated.

Applications

Recommended for the sealing of wall and floors, cement and concrete, stone, slate, for priming gypsum, fillers and plaster.

Types

Gloss and Matt.

Colours

Clear only.

Specifying

Apply as many coats as is required to get an even sheen. The number of coats used will depend porosity and texture. Allow 2 to 3 hours between coats depending on the weather.

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 in water-containing structures.

Storage

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

Suitable surfaces

Architectural concrete, split concrete bricks, exposed aggregate concrete, brushed terrazzo, brick walling, stone and slate. Can be used to prime gypsum fillers and plasters. All surfaces should be hard, dry and free from anything which could prevent penetration of the sealer.

Surface preparation**Raw existing concrete**

Curing membranes and shutter release agent must be completely removed. This is essential. 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.

All surfaces should have moisture levels less than 5%.

Weather

Do not apply when the temperature is below 5°C or when rain is expected within 8 hours.

Mixing

Use straight from the can after stirring thoroughly. Clean all tools using lacquer thinners or Xylene.

Masking

For best results all windows, doors and adjacent surfaces should be masked using painters masking tape and brown paper. All masking material must be removed timeously so as not to fray the edges of the application.

Application

- Using an mid pile primer and undercoat roller, apply as many coats, at 2 - 3 hour intervals, as is required to obtain an even sheen.
- The second and subsequent coats if required, must be applied at a 90-degree angle to the previous coat.
- Clean equipment with lacquer thinners or Xylene.
- After 3 hours apply water droplets to various parts of the sealed surface. If water is absorbed, apply additional suitable coats.
- Ensure no pooling of the sealer is left on the surface during application.
- Only apply in ventilated areas, keep away from all ignition sources, flames and sparks. Do not eat, drink or smoke while applying this product. Use a suitable organic filter mask and eye protection.

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Specimen finish

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

Coverage

Approximately 4 to 8m² per litre per coat. This coverage depends on the porosity of the substrate. The first coat will penetrate and then the subsequent coats should require less sealer.

Packaging

Supplied in 1 litre, 5 litre and 25 litre non-returnable containers.

Safety Warning

This product is lacquer-based and therefore highly flammable. Store away from heat and direct sunlight. Suitable protective equipment should be used during application.

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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