

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.

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

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 two coats using an Addis primer and undercoat roller. Surface to be dry and absolutely clean. Minimum of 2 to 3 hours between coats.

MultiPurpose Water-Based Sealer Datasheet

Cemcrete provides a comprehensive technical service based on over 4 decades of experience

Note: Not for use on slate or new quarry tiles. Not for use in water-containing structures.

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.

The information presented is intended guide only and is correct to the best of our knowledge at the time of publication. It should not be considered as a definitive approval for suitability for a particular purpose. Please contact the manufacturer, distributor or approved applicator for confirmation of suitability. Ancillary detailing recommendations are provided in good faith to assist in achieving final waterproof result. We accept no liability for those recommendations or those products performance in use.

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 CEMENTRE CEMENT-BASED DECORATIVE COATINGS

Only coat where 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.

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.

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.

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

PURPOSE

Provides a tough, durable, flexible, clear, penetrating coating on horizontal and vertical surfaces of concrete, cement plaster and masonry. 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 has good binding properties on friable surfaces and can be recoated.

TECHNICAL DATA

TYPE	SOLVENT-BASED ACRYLIC
COLOUR	TRANSPARENT
POT LIFE	2 HOURS
INITIAL SET	2 - 3 HOURS DEPENDING ON WEATHER
FINAL CURE	7 DAYS
WORKING TIME AFTER MIX	30 MIN AFTER STIRRING AND DECANTING
APPLICATION TEMPERATURE [AMBIENT]	10°C TO 30°C
SUBSTRATE TEMPERATURE	10°C TO 30°C
PH SCALE	ACIDIC
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

APPLICATIONS

Recommended for the sealing of Cemcrete's wall and floor micro toppings subject to the following criteria:

- Colour Hardener & RenoCrete: Can use as is to enhance the colour of the coating. Alternatively one coat of Cemcrete's Sealer Primer can be applied first.
- CreteCote: Prime first with one coat of Cemcrete's Sealer Primer. Allow to dry overnight.

TYPES

MultiPurpose Solvent-Based Sealer Standard and Matt.

COLOURS

Clear only.

SPECIFYING

Coat as many coats of MultiPurpose Solvent-Based Sealer 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.

Note: Not for use in water-containing structures.

STORAGE

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

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 penetration of the sealer. Curing membranes and shutter release agent must be completely removed. This is essential.

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SURFACE PREPARATION

RAW EXISTING SURFACES

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SURFACES COATED WITH CEMENTRE CEMENT BASED DECORATIVE COATINGS

Only coat where moisture levels are less than 5%.

WEATHER

Do not apply when the temperature is below 10°C or when rain is expected within 8 hours, and on frozen surfaces.

MIXING

Use straight from the can after stirring thoroughly. Clean all tools using white spirits.

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 timeously so as not to fray the edges of the application.

APPLICATION

- Using an Addis primer and undercoat roller, apply as many coats, at 3 hour intervals, as is required to obtain an even sheen.
- The second coat, and subsequent coats if required, must be applied at a 90 degree angle to the previous coat.
- Equipment needs to be cleaned with a solvent.
- After 3 hours apply water droplets to various parts of the floor. 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.

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, 5 & 25 litre containers. (MultiPurpose Solvent-Based Sealer Matt available in 1 & 5 litres only)

Safety Warning: This product is lacquer-based and therefore highly flammable. Store away from heat and direct sunlight. Safety clothing should be used.

MANUFACTURER'S WARRANTY

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