

MultiPurpose Solvent-Based Sealer

Datasheet

January 2026

Page 1 of 4

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

Technical Data

Type	Solvent-based acrylic
Colour	Transparent Gloss (also available in Matt)
Tack time	30 minutes
Surface dry	1 hour
Walk on	2 - 3 hours depending on weather
Overcoat time	2 - 3 hours depending on weather
Final cure	7 days
Working time after mixing	30 minutes after stirring and decanting
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
Coverage	Approximately 4 to 8m ² per litre per coat
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 and masonry.

Benefits

- Combines aesthetic appeal with protective performance
- UV resistant, non-yellowing & resists becoming brittle
- Water-fast, alkali resistant and carbon dioxide tight
- Enhances colour when applied directly
- Can be easily re-coated

Uses

- Sealing of Cemcrete's decorative floor coatings, including:
 - Colour Hardener & RenoCrete (use in combination with Sealer Primer)
 - Exposed Aggregate & Terrazzo (use directly)
- Economical and ideal for exterior use.
- Works well for moderate-traffic floors.
- **MultiPurpose Solvent-Based Sealer Gloss** acts as a good primer for binding gypsum-based plasters prior to painting or receiving decorative cement micro-coatings such as CreteCote.

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MultiPurpose Solvent-Based Sealer

Datasheet

January 2026

Page 2 of 4

Limitations

- Do not apply to surfaces below 10°C, as this will prevent the sealer from coalescing
- Ensure no pooling of the sealer is left on the surface during application
- **MultiPurpose Solvent-Based Sealer** is destroyed by freezing and cannot be restored to a usable condition by thawing and remixing
- Be aware of condensation that may form on surfaces. The moisture must be carefully removed and the surface checked with a moisture meter before applying the coating
- Not for use in water-containing structures
- Unsuitable for areas with concentrated abrasion and scratching; use protective mats under office chairs with roller wheels.
- 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>
- Not chemical resistant
- Use in combination with Cemcrete's Maintenance products for best prevention against minor scratches

Suitable Surfaces

- Cemcrete's decorative flooring products (such as Colour Hardener, RenoCrete, Exposed Aggregate, Terrazzo, etc)
- Can also be used for architectural concrete, exposed aggregate concrete, brick walling, slasto (ensure all loose flaking has been removed from slasto, as this sealer will not prevent future flaking), wood and polished concrete (up to 200 grit).

Specifying

Apply all sealers using a short-pile mohair roller. Apply one coat of Cemcrete's Sealer Primer if required (moisture content: <5%, humidity-dependent), leave to dry overnight (the need for Sealer Primer is product dependent). Apply as many thin coats of **MultiPurpose Solvent-Based Sealer** as needed to achieve an even sheen. Allow 2 to 3 hours between coats depending on the weather. Apply each coat at 90° angle to the previous coat. Allow 7 days for full cure.

Weather

- Do not apply if temperatures are below 10°C or exceeds 30°C.
- Do not apply to exterior surfaces if any form of precipitation (including rain, dew, snow, or condensation, etc) is expected within 12 hours of application.

Surface Preparation

Cemcrete decorative coatings / overlays

Surface must be cured according to the applicable datasheet and have less than 5% moisture content (depending on the surrounding humidity). Surface must be dry, dust-free and laitance-free prior to sealer application.

Newly laid standard screed / Cemcrete's Colour Hardener

Surface to be integrally sound (no cracks, crumbling, friability, hollowness, delamination), dry, smooth, level, dust-free, oil-free and laitance-free. New screeds and Cemcrete's Colour Hardener must be cured for at least 21 days and have less than 5% moisture content (depending on the surrounding humidity), before sealing commences. Curing membranes and shutter release agents should be completely removed before the commencement of work.

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MultiPurpose Solvent-Based Sealer Datasheet

January 2026

Page 3 of 4

Existing screed / slab surface

Moisture levels should be tested to ensure no underlying waterproofing issues exist. 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, with good compressive strength). They should also be clean, free of contaminants, or laitance of any kind which may impair adhesion.

Masking

For best results, all windows, doors and adjacent surfaces (especially glass or aluminium), should be masked using painter's tape and brown paper to prevent soiling these surfaces during application. All masking material must be removed at the end of the day to avoid fraying the edges of the application, and to prevent plasticizer migration or sticky residue from the tape. Care should be taken when removing the tape to ensure no product is pulled away with it.

Mixing

Mix contents of the drum thoroughly by hand with a paddle. **MultiPurpose Solvent-Based Sealer Matt** should be stirred well to ensure all matting agent, which has settled at the bottom of the container, is thoroughly dispersed throughout the sealer. Do not shake the drum, as this may aerate the sealer.

Application

- All sealers should be applied with a short-pile mohair roller.
- Apply Cemcrete's Sealer Primer (if required) according to its datasheet, and allow to dry overnight prior to applying **MultiPurpose Solvent-Based Sealer**.
- Apply first coat **MultiPurpose Solvent-Based Sealer**. Once the surface is tack-free (approximately 2 to 3 hours), the next coat can be applied.
- Between each coat, sand the surface very lightly with Abranet sanding paper. Remove all dust with a damp cloth and allow to dry.
- The second coat (and each subsequent coat as required) must be applied at a 90°C angle to the previous coat. Subsequent coats may be necessary depending on the initial substrate porosity and end use.
- Apply as many coats as needed to achieve an even sheen across the surface for best results.
- Ensure no pooling of the sealer is left on the surface during application.

Curing

- **MultiPurpose Solvent-Based Sealer** must be allowed to dry completely, typically 24 - 48 hours, before it is subjected to temperatures below 6°C, or to water from any source, such as hoses, sprinklers, condensation, rain, etc.
- To prevent dust contamination during curing, ensure all doors and windows remain closed after application.
- Avoid foot traffic during this time, as the sealer hasn't fully set and may be permanently marked.
 - It is suggested to avoid light foot traffic for 3 days after application, however the sealer only gains its full strength after 7 days.

Specimen Finish

A trial area should be treated on-site for the end-user approval and suitability.

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MultiPurpose Solvent-Based Sealer

Datasheet

January 2026

Page 4 of 4

Coverage

Approximately 4 to 8m² per litre per coat. Coverage is porosity and surface profile dependent. The initial coat will penetrate the surface, with subsequent coats requiring less sealer. Applying Cemcrete's Sealer Primer beforehand further optimizes coverage.

Maintenance

To keep your floors looking their best, regular maintenance is essential. To enhance protection and durability, apply two coats of Cemcrete's CreteCare Polish to newly sealed floors, serving as a sacrificial layer. Sweep away dirt and debris daily and remove spills immediately. For routine cleaning, use a damp (not wet) microfibre mop with Cemcrete's CreteCare Mop&Shine. Avoid harsh chemicals (no ammonia or bleach). Felt pads should be affixed to all furnishings, including rubber feet, to prevent scratching and possible plasticizer migration. Do not drag heavy objects across the floor. To reduce wear and tear, use floor mats (no rubber backing) in high traffic areas, and felt pads to all furnishings, including rubber feet, to prevent scratching and possible plasticization. When living with pets, use Cemcrete's maintenance products to assist in reducing scratches. See Cemcrete's CreteCare range for full maintenance guide. Floors may require stripping and resealing from time to time, depending on the end use, foot traffic and maintenance. Consult our technical team for further details.

Cleaning

Clean all application equipment with lacquer thinners or solvent based cleaners.

Packaging

Supplied in 1, 5 & 20 litre containers.

Storage

Can be stored above 5°C in sealed steel drums for up to 6 months from the date of invoice. Skins form approximately from 2 hours, so do not decant too much at once. Once opened, ensure the container is sealed tightly.

Safety Warning

This product is lacquer-based and therefore highly flammable. Store away from heat and direct sunlight. Safety clothing should be worn. Only apply in well-ventilated areas, use a suitable organic filter mask and wear eye protection. Do not eat, drink or smoke while applying this product.

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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