

DATA SHEET

800C

CONCRETE SEALER

SOLVENT BASED ACRYLIC
CONCRETE SEALER



DESCRIPTION

800C Concrete Sealer is a solvent-based acrylic sealer that helps protect the coated substrate from ingress of dirt, grime and light contamination. 800C can help reduce the effects of weathering on exposed surfaces.

PRODUCT INFORMATION

Shelf Life	1 year. Store in a cool, dry area and out of direct sunlight.
Coverage	4-5m ² /L depending on the method of application and porosity of the surface.
Clean Up	Clean tools with 150 Epoxy Thinners while still wet and discard rollers and brushes
Return to Service	Light Foot Traffic: 4 hours after completion of the job. Vehicle Traffic: 24 hours after the completion of the job. Full Chemical Cure: 72 hours after the completion of the job.

RECOMMENDED USES

- Stamped, coloured and stencil concrete
- Resurfacing systems
- Exposed aggregate

FEATURES & BENEFITS

- Single pack, easy to apply and fast drying
- UV resistant
- Semi-gloss, wet-look finish
- High solids
- Breathable
- Flexible

ENVIRONMENTAL CONDITIONS


Temperature and the surrounding atmospheric conditions will play a part in the curing process.

Attention also needs to be paid to the substrate temperature which should be at least 10°C and preferably below 30°C. High humidity will slow the curing process down.

Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates, and environmental conditions including the substrate and air temperatures, humidity levels, and dew point readings during both the application and curing process. Full material warranties cannot be provided unless all the relevant data has been recorded accurately.

SURFACE PREPARATION

- Ensure the concrete is sufficiently cured to the recommended minimum of 7 days from completion.
- Diamond grind or Polyvac the substrate. The surfaces must be clean, dry, and free from all traces of loose material, old coatings, curing compounds, release agents, laitance, oil, and grease, etc. This must be completed by diamond grinding or a suitable cleaning method, such as acid washing or pressure washing.
- To check that all traces of oil and other contaminants have been completely removed, sprinkle a few drops of water over the surface. If all water is quickly absorbed, the surface is sufficiently oil and grease-free.
- If water forms into globules that remain on the surface, further thorough treatment of the substrate is necessary.
- Substrate compression strength should be at least 25MPa, cohesive bond strength at least 1.5MPa, and moisture content below 4%.
- Repair and fill cracks with EPO100EP Epoxy Putty or Concrete Repair Kit.

 Refer to individual SDS and Installation Instructions for system specifications and recommended PPE.

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PRODUCT APPLICATION

To apply 800C Concrete Sealer, pour product into a roller tray, and evenly roll onto the surface.

Top Coats

- For best results, the sealer should be applied in a minimum of 2 coats making sure the sealer is completely dry between coats with sufficient film build to provide the performance and durability required.
- To obtain a lower slip factor it is advisable to use the appropriate Slip Resistant Additive with the sealer for better grip under adverse conditions e.g. wet areas, steep slopes, and pool surrounding areas. See Slip Resistant Additive TDS for details.

Application Instructions for Sealed Concrete

Testing

Cross-Hatch Test is required. This simple test should be used to ascertain whether the existing sealer is suitable to be resealed over.

1. Use a sharp blade to create a light "cross-hatch" incision through the sealer.
2. Place a piece of self-adhesive tape (suggest clear packing tape) over the incision.
3. Press firmly for maximum adhesion and remove sharply. Repeat with fresh tape several times.

If the sealer is present on the tape, it is advised sealer be completely stripped from the surface. Seek professional contractors should stripping be required. If there is no sign of sealer adhering to the tape or delaminating from the surface, this would indicate that the bond of the existing sealer is sufficient for resealing.

OPTIONAL SLIP RESISTANCE

Dimple: Mix at 250g per 20L of 800C Concrete Sealer achieving a mopable slip resistance

Glass: Broadcast 1 kg per 20m² between 800C Concrete Sealer top-coats. Suited for wet or external areas, not suited for internal garages; cannot be mopped.



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CAUTIONS

- Concrete Sealer should be applied in the cool of the afternoon to avoid expansion of the concrete which will result in bubbling or other adverse reactions.
- Do not apply to concrete if it has a patchy appearance.
- If the previous sealer shows signs of whitening or blooming, regardless of cross-hatch test results, the sealer may need to be stripped completely from the surface. Whitening may recur if a new coat of sealer is applied over this existing problem.
- **SOLVENT BASED SEALER IS NOT COMPATIBLE WITH OTHER URETHANES OR COATINGS AND SHOULD NOT BE USED TO TOP-COAT OR RE-COAT THESE SYSTEMS.**
- Spills, including water should be cleaned up as soon as possible.

PHYSICAL PROPERTIES


Mineral Turpentine	Slight softening (rearden 8 hours) Very slight softening (rearden 1 hour)	Solids Content	26% + 1%
Petrol Regular Unleaded		UV Resistance	Excellent Resistance
Methylated Spirits	Causes white discolouration (easily removed with solvents)	Thinning	Solvent
Brake Fluid	Softening and slight dulling – immediately clean with detergent, then solvent.	Alkali (1% Caustic Soda)	No Visual Effect
		Chlorine (Sodium Hydrochloric 5%)	No Visual Effect
		Salt (Sodium Chloride)	No Visual Effect
		Appearance/colour	Clear
		Chemical Resistance	Oil, grease and alkalis

In an emergency, contact the Poisons Information Centre on 13 11 26 or a doctor for advice.

IF THE SITUATION IS LIFE THREATENING, DIAL 000 IMMEDIATELY.

DISCLAIMER: Please ensure you read the SDS & TDS thoroughly & carefully before the use or application of any All Purpose Coatings product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products or systems, and to what surface the product will be applied. All-Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification & recommendation given by the companies' documentation or representatives at any point in time. Application, performance & safety data may change from time to time. It is the user and/or applicators' responsibility to ensure they have the latest copy of any documentation pertaining to their project.

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