



Designed and Formulated in Australia by APC

**DESCRIPTION**

800C is a solvent based concrete sealer that seals and helps protect the substrate from ingress of dirt and grime and at the same time helps protect the substrate from weathering.

**RECOMMENDED USES**

800C provides a clear gloss film to protect stamped concrete, stencil concrete, resurfacing systems, coloured concrete, plain concrete, exposed aggregate. Can be applied to most concrete surfaces.

**FEATURES AND BENEFITS**

- > Easy Application
- > UV Resistant
- > Fast Drying
- > Semi-Gloss
- > Wet Look
- > Single pack product

**PHYSICAL PROPERTIES**

Solids (PBW):	26% + 1%
UV Light:	Very good resistance
Thinning:	Solvent
Recommended Film Build:	Approx. 40- 80 microns dry per coat
Coverage Rate:	Approx. 3-6 m <sup>2</sup> per L per coat

**50-micron dry film cured for 28 days at 25°C before testing with 1-hour soak**

Alkali (1% Caustic Soda):	No visual effect
Mineral Turpentine:	Slight softening (rearden 8 hours)
Petrol Regular Unleaded:	Very slight softening (rearden 1 hour)
Methylated spirits:	Causes white discolouration (easily removed with solvent)
Chlorine (Sodium	No visual effect
Hydrochloric) 5%:	
Salt (Sodium Chloride):	No visual effect
Brake fluid:	Softening and slight dulling – immediately clean with detergent and then solvent

**SURFACE PREPARATION**

Ensure concrete is sufficiently cured (recommended minimum 14 days). Concrete is to be clean and free of grease, oil, paint or any curing agent. Stiff broom and general purpose cleaner recommended. Pressure clean surface at minimum 2000 psi and allow to dry. Acid etch with hydrochloric acid. Dilute approx. 20 parts water to 1-part acid (depending on porosity) to remove any loosely bound cement and laitance. **NOTE:** smooth concrete will require a higher acid content. Maximum strength - 10 parts water to 1-part acid. Apply diluted acid to surface using a large head watering can, applying in a criss cross motion (approximately 5-10m<sup>2</sup> sections). Acid will start to fizz on the surface once it starts to react with the laitance in the concrete. Pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi. Allow surface to dry before sealing (sealing over damp concrete will cause whitening). Refer to Dry Test.



#### APPLICATION

Concrete Sealer should be applied in the cool of the afternoon to avoid expansion of the concrete which will result in bubbling.

Do not apply to concrete if it has a patchy appearance. The 800C range of sealers can be applied by brush, roller or airless sprayer.

To apply sealer, pour sealer into a roller tray, and evenly roll onto surface.

Do not apply concrete sealer in thick form and ensure no pooling occurs.

#### 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 (recommended minimum 1 hr) 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 surround 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 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 sealer is present on the tape, it is advised sealer be completely stripped from 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.

**IMPORTANT NOTE:** if current sealer shows signs of whitening or blooming, regardless of cross hatch test results, sealer may need to be stripped completely from the surface. Whitening may reoccur if new coat of sealer is applied over this problem.

#### Resealing Resurfaced concrete

- First coat of 800C should be left to dry for a minimum of 1 hour.

#### Additional Coat/s

- If additional coat/s are required, ensure the sealer is completely dry between coats (recommended minimum 1 hr) 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 surround areas. See Slip Resistant Additive TDS for details.

Remove oil, grease and other contaminants immediately with a general-purpose cleaner.

#### Limitations

- Do not seal in high winds or if rain is likely.
- Do not apply over painted surfaces. Paint removal required.
- Application of sealer can lower slip resistance (slip resistance additives available).
- Not for food preparation areas.
- Not a waterproofing membrane.
- Not recommended to seal at extreme temperatures below 8°C and above 30°C.



#### COVERAGE

1 x 20 litre drum covers approximately 80 to 100m<sup>2</sup> per coat depending on the porosity of the concrete.

#### RETURN TO SERVICE

Light Foot traffic for a minimum of 4 hours. Vehicle traffic for a minimum 24 hours.

The time depends on weather conditions and coating thickness, therefore, check suitability before allowing traffic.

#### SHELF LIFE

24 months if kept in unopened container and stored in cool, dry conditions. After this time, product should be checked to ensure its suitability for use.

#### POT LIFE

Replace lid to keep

**IMPORTANT NOTICE:** Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

**PRODUCT DISCLAIMER:** Read the SDS & TDS carefully before use of any 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, the type of surfaces and the manner in which 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 or information given by All Purpose Coatings Pty Ltd.