



# High Performance Paint Product Data Sheet



## CONCRETE WB EPOXY SEALER

56-700 MAR 20



**DESCRIPTION:** A waterborne, two pack, clear epoxy sealer for concrete.

**TYPICAL USES:** Sealing of concrete, generally prior to over coating with epoxy finishes such as TUFF FLOOR WB EPOXY, TUFF FLOOR WB EPOXY LEVELLING. Also for immersed situations such as swimming pools to be overcoated with EPOTEC NT, 1K AQUA pool paint.

**PERFORMANCE:** Formulated to aid in binding loose surfaces and seal concrete, providing a sound, firmly adherent base for epoxy top coats. The water based formulation offers the advantage of fast cure, easy clean up and low odour. Benzyl alcohol free. Excellent water vapour permeability – can be applied to damp substrates. Visible end of pot life indicated by rapid viscosity increase.

**LIMITATIONS:** Not recommended for extreme chemical environments, or areas of high physical abuse if used without a top coat. Not recommended without topcoat for areas of high UV exposure. Product will yellow and lose gloss under these conditions. Ensure air and substrate temperature are above 5°C before and during application. Ensure air and substrate temperature are above 5°C before and during application. Overcoat within 5 days. If longer than 5 days elapses before recoating, surface should be first sanded using 120-150 grit sandpaper. Thoroughly remove sanding dust by vacuuming and washing.

### TECHNICAL DATA:

Resin:	Epoxy
Solvent:	Water
Finish:	Gloss
Colour:	Clear
Cure Time:	Overnight (20°C/65% RH)
Walk on Time:	20-24 hours (20°C/65% RH)
Primer:	Not Applicable
Number of Coats:	1 required
Dry Film Thickness:	Not Applicable
Wet Film Thickness:	Not Applicable
Durability:	
Thinning and Clean Up:	Water
VOC:	0 g/litre
Pot Life:	30-60 mins
Mixing Ratio:	10:6:8 by Weight (Part A: Part B:Water)
Pack Size:	4, 10 Litre mixed (including water added by applicator)

### SPREAD RATE:

Theoretical Coverage: 5-15 m<sup>2</sup>/litre/coat.  
Coverage depends on surface profile and porosity.

### COMPUTER CODES:

Concrete WB Epoxy Sealer 56-700

Coating Technologies Limited, 10 Andromeda Crescent, East Tamaki, Auckland 2013, New Zealand

Phone: 0064 9 837 0897 [www.cotec.co.nz](http://www.cotec.co.nz)

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if a written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

---

## CONCRETE WB EPOXY SEALER

### **SURFACE PREPARATION:**

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

Any mould, moss, algae needs to be treated with a suitable chemical cleaner/inhibitor. Surfaces should be free of oil, grease and dust.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advise.

New concrete must be prepared by removing any laitance with CONCRETE ETCH 10%, diamond grinding or sweep blast.

Dense or highly polished concrete should be "opened up" by grinding.

Deep holes and defects should be filled using a suitable concrete repair mortar.

### **APPLICATION:**

Add all contents of Part B to Part A (Use a flat ended stirrer or spatula to scrape out contents of Part B). Mix Part A and Part B for several minutes or until uniform, using a mechanical mixer such as an electric drill and paddle. Use slow speed to avoid aeration. When fully mixed, add water to 10 litre fill mark (3-4cm from top of pail) for the 10 litre pack or add water to 4 litre fill mark for the 4 litre pack, and mix again until uniform.

ONLY ADD WATER AFTER PARTS A & B HAVE BEEN FULLY MIXED TOGETHER.

Product can be applied by brush, or 8-12mm nap Dacron roller.

Apply at 5-15 m<sup>2</sup>/ltr, depending on porosity of substrate. If surface still appears porous after curing, a second coat may be applied.

The sealer must be fully cured (no milky patches) before application of top coats.

### **THINNING & CLEAN UP:**

Clean up in water. Use a small amount of detergent to aid clean up.

### **ENVIRONMENTAL:**

DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.

---