High Performance Paint
Product Data Sheet

TUFF FLOOR WB EPOXY SEALER

56-700 DEC 10

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

TYPICAL USES: Sealing of concrete floors, generally prior to over coating with epoxy finishes such as TUFF FLOOR WB EPOXY, EPOTEC or TUFF FLOOR WB EPOXY LEVELLING.

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:	
Pot Life:	30-60 mins
Mixing Ratio:	10:6:8 by Weight (Part A: Part B:Water
Pack Size:	10 Litre mixed (including water added by applicator)

SPREAD RATE:

Theoretical Coverage: 5-15 m^2/litre/coat.

Coverage depends on surface profile and porosity.

COMPUTER CODES:

Tuff Floor WB Epoxy Sealer 56-700

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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 may be prepared by removing any laitance with CONCRETE ETCH 10% (see data sheet).

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), 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^2/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.