



High Performance Paint Product Data Sheet



TUFF FLOOR 1K CONCRETE SEALER

56-200
MAY



DESCRIPTION: A water based speciality acrylic co-polymer sealer, incorporating nanotechnology that aids binding and penetrating friable substrates. High penetration and wet out prepares concrete surfaces to more effectively key high solids low penetrating top coats.

TYPICAL USES: Exterior cementitious surfaces such as concrete roofing tiles, footpaths, decks and all interior concrete surfaces such as floors.

PERFORMANCE: Is applied directly to new or aged adhesion of single and 2 pack floor coatings.

LIMITATIONS: Do not apply if the air and surface temperature during application and drying is likely to fall below 10°C. Do not apply in damp humid conditions.

TECHNICAL DATA:

Resin:	Specialty nano technology acrylic co-polymer
Solvent:	Water
Finish:	Translucent
Colour:	Translucent
Touch Dry (minimum):	15 minutes @ 20°C.
Recoat Time (minimum):	2 hours
Primer:	Not Applicable
Number of Coats:	1 required
Dry Film Thickness:	17-26 microns at 6 - 8 m ² /litre
Wet Film Thickness:	100 microns at 6 - 8 m ² /litre
Durability:	Very good
Thinning and Clean Up:	Water. Do not thin.
VOC:	<5g/litre
Pot Life:	Not Applicable
Pack Size:	10 Litre

SPREAD RATE:

Theoretical Coverage: 6 - 8 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

1K Concrete Sealer 56-200/10

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Freedom from patent restrictions is not implied.

Tuff Floor 1K Concrete 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.

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

ALL CEMENTITIOUS SURFACES:

NEW:

Tuff Floor 1K concrete Sealer may be applied promptly after cementitious surfaces are completed. This means as soon as the surface water has evaporated and the surface is no longer damp.

CONCRETE SLABS:

Apply once surface water has evaporated or the shuttering is removed.

Any curing membranes need to be removed or allowed to weather. This is usually 12 – 24 hours after final concrete pour.

OLD:

Surface should be cleaned by water blasting to remove all dirt, dust and oil residues.

Allow the surface to dry thoroughly before painting.

APPLICATION:

Requires an even coverage, for best results.

The final appearance should be an even light wet look.

Brush, Roller, Low Pressure Back Pack or can use Airless spray.

Brush and Roller: Can use product as is or add up to 5% (max) potable water if high temperatures, windy conditions. This will ease roller/ brush drag and assist in keeping a wet edge.

Roller: Lambs wool, nap depends on surface profile.

Spray: Then recommend an airless unit. Pressure 2,500psi max and a tip 413 – 515.

Do not apply to wet (ponding) surfaces.

Allow to dry and overcoat with specified floor coating.

THINNING & CLEAN UP:

Wash up in water, do not thin more than indicated. 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.