



High Performance Paint Product Data Sheet



TUFF FLOOR PAVING PAINT

56-31XX AUG 14



DESCRIPTION: A single component fast curing water based floor coating based on self-cross linking technology. TUFF FLOOR PAVING PAINT reaches its maximum mechanical strength faster than conventional solvent based 2-pack floor coatings. TUFF FLOOR PAVING PAINT has excellent wear resistance and can be applied to almost any surface.

TYPICAL USES: With excellent adhesion and mar-resistance, this product is designed for domestic foot-traffic, and is typically used on concrete or timber floors and steps, both inside and out.

PERFORMANCE: This is a premium pure-acrylic coating with superior adhesion, durability and abrasion resistance. This water based product is easy to apply by brush, roller or spray.

LIMITATIONS: Do not apply where air or surface temperatures during application and drying are below 10°C or over 50°C. Not designed as an industrial floor coating. For industrial floors see TUFF FLOOR WB EPOXY. **DO NOT USE THIS PRODUCT ON FLOORS WHICH HAVE BEEN TREATED WITH CD (CONCRETE DENSIFIER), OR OTHER SILICATE PRODUCTS.**

TECHNICAL DATA:

Resin:	Cross linking acrylic
Solvent:	Water
Finish:	Low Sheen
Colour:	Std Colours
Touch Dry (minimum):	30 minutes @ 20°C
Recoat Time (minimum):	2 hours
Primer:	Concrete sealer
Number of Coats:	2 required
Dry Film Thickness:	27-34 microns at 12-10 m ² /litre
Wet Film Thickness:	83-100 microns at 12-10 m ² /litre
Durability:	Good
Thinning and Clean Up:	Water
VOC:	42-60 g/litre
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 10-12 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

T/Floor Paving Paint White	56-3100
T/Floor Paving Paint Accent	56-3105

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Freedom from patent restrictions is not implied.

TUFF FLOOR PAVING PAINT

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.

CONCRETE:

Where product is to be applied to bare substrate, ensure any laitance is removed by acid etching. (See CONCRETE ETCH 10% Technical Data Sheet). New concrete should be allowed to cure for a minimum of 7 days prior to coating (28 days preferred).

The concrete may need to be ground using a diamond grinder or similar, to ensure the surface is smooth.

For best adhesion and performance on porous substrates such as concrete we recommend that Concrete WB Sealer is applied first.

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FIBROLITE:

Un-painted fibrolite should be clean and dry. A light sand may be necessary to ensure surface is smooth. Previously painted surfaces should be sanded using 180 grit sand paper, and should be free of oil, grease and dust.

WOOD:

TUFF FLOOR PAVING PAINT can be applied to timber previously painted with acrylic or enamel coatings. Surfaces need to be sanded with 180 grit sandpaper, and free of oil/grease and dust. TUFF FLOOR PAVING PAINT can also be applied to bare timber however 3 coats may be required to allow for absorption of the first coat.

ALL SURFACES:

All cracks and joints need to be treated as appropriate to suit the situation. Do not expect paint to bridge moving cracks / joints successfully. Any mould, moss or algae should 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 that you accept that surface. If in any doubt about condition, seek advice.

The final finish is only as good as the preparation of the substrate.

APPLICATION:

- BRUSH AND ROLLER:** Use product as is or add up to 5% water if high temperatures or windy conditions. This will ease roller/brush drag and assist in keeping a wet edge.
- ROLLER:** Use an 8-12mm nap Dacron roller.
- SPRAY:** Airless spraying is recommended. Pressure 2,500psi max and a 515-619 tip for general application. Add up to 5% potable water if necessary. Best performance is achieved by an initial low-build pass (tack coat), followed by a full spray of finish coat.

Prior to recoating, test the coating by pressing your thumb into the coating for 2 seconds. Recoat only if no impression is made in the coating. Generally it takes around 2 hours in summer and longer in winter.

THINNING & CLEAN UP:

Maximum thinning is 5%. In hot or dry conditions thinning will ease rolling and improve levelling of the coating. Clean up using water and household detergent.

ENVIRONMENTAL:

This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. **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**.