



High Performance Paint Product Data Sheet



AQUATEC STAIN

03-2005 MAR 20



DESCRIPTION: An environmentally friendly water based stain treatment for bare timber, in a range of attractive, semi-transparent colours.

TYPICAL USES: On bare timber, where a semi-transparent colour is required, which will enhance the grain and bring out the natural beauty of the timber. Designed to be used as part of the TUFF FLOOR PUD system.

PERFORMANCE: A premium waterborne polyurethane stain, designed to penetrate the timber and enhance the grain. Easy, environmentally friendly application, in a range of traditional and contemporary semi-transparent colours. Will not yellow over time.

LIMITATIONS: Stir well before and during use. Allow adequate drying before applying clear finishes. Strong colours may be difficult to achieve on denser timbers, due to lack of penetration. Final colour is influenced by the colour of the underlying timber – always test the colour first on an off-cut piece of timber, or in a hidden area. Does not provide a trafficable finish. Stained timber should be finished using the TUFF FLOOR PUD range of products. Do not apply if air or surface temperature is below 10°C.

TECHNICAL DATA:

Resin:	Polyurethane dispersion
Solvent:	Water
Finish:	Natural
Colour:	Std Colours
Touch Dry (minimum):	15-30 minutes @ 20°C
Recoat Time (minimum):	15-30 minutes for repeat application of stain. Four hours minimum before application of clear finishes.
Primer:	Not required
Number of Coats:	1-2
Dry Film Thickness:	Not Applicable
Wet Film Thickness:	Not Applicable
Durability:	Not Applicable
Thinning and Clean Up:	Water
VOC:	17 g/litre
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 10-14 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

Aquatec Stain clear base 03-2005

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AQUATEC STAIN

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.

ALL SURFACES:

Ensure surfaces are free from oil, grease and any surface contamination. Ensure substrate is dry, prior to application.

NEW TIMBER:

Fill nail holes and small cracks with a suitable wood filler. Sand along the grain with a fine sandpaper, to “open” the surface of the timber. Ensure all sanding dust is thoroughly removed by vacuuming, then wiping with a damp cloth.

PREVIOUSLY COATED TIMBER:

Ensure any existing coating is completely stripped off back to bare timber. Proceed as for new timber.

AQUATEC STAIN is not intended for application to sealed surfaces.

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

APPLICATION:

Stir product thoroughly with a wide paddle prior to, and during application. Colour may settle or separate rapidly – periodic stirring during use will prevent unevenness of colour.

Product is best applied by rag or speed brush. Apply liberally, then even out by wiping along the grain.

Always keep the leading edge wet and distribute stain evenly. This will help avoid lap marks and keep the colour uniform.

Never stop in the middle of a surface area. Always stain to the edge of an area.

Depth of colour may be intensified by a repeat application, or reduced by wiping the surface with a clean cloth.

Note: Water based stains can swell and raise the grain of the timber, resulting in a rough surface. This can be removed by a **light** sand with 220 grit sandpaper before applying finish coats.

For the finest finish, apply SANDING SEALER after staining, then sand to a smooth finish before applying TUFF FLOOR PUD CLEAR finishes.

THINNING & CLEAN UP:

Do not thin. Clean up in water. Use a small amount of detergent to aid clean up.

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.
