aquatec

AQUATEC STAIN

TDS03-2005

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 TUFFLOOR PUD system.
ENVIRONMENT	Interior
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 TUFFLOOR PUD range of products. Do not apply if air or surface temperature is below 10oC.
TECHNICAL DATA	Resin: Polyurethane dispersion Solvent: Water Appearance: Natural Colour: Standard Colours Primer: Not applicable Thining and Clean Up: Water Pack Size: 1, 4, 10 Litre VOC: 17 g/litre Vol Solids: 0 percent Touch Dry: 30 minutes @20°C Recoat Time: 1 Hour @20°C Number of Coats: 1 to 2 Theoretical Coverage: 10 m²/litre/coat Wet Film Thickness: 100 microns Dry Film Thickness: 0 microns
SPREAD RATE	10-14 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	03-2005.01, .04, .10
SURFACE PREPARATION	**Timber - dressed-New Unpainted STAINING** All surface contaminants must be removed leaving the surface clean of dirt, grease and any other form of contamination. Ensure the timber is dry and has a moisture content of less than 15% before application. Inspect the substrate prior to applying any coating system to ensure there is no surface defects. DEFECTS: Repair or fill as required, taking care to use a filler of similar tone to the timber, prior to applying first coat. Sand all surfaces to be painted to an even flat smooth finish to provide a good key for the new paint system. Dust down and wipe with a damp cloth to remove all dust. Allow to dry. **Timber-New Unpainted PAINTING** All surface contaminants must be removed leaving the surface clean of dirt, grease and any other form of contamination. Ensure the timber is dry and has a moisture content of less than 15% before application. Inspect the substrate prior to applying any coating system to ensure there is no surface defects that require repair prior to applying first coat. Sand all surfaces to be painted to an even flat smooth finish to provide a good key for the new paint system. Dust down and wipe with a damp cloth to remove all dust. Allow to dry. DEFECTS: If required, apply appropriate flexible paintable sealant, to gaps between skirting boards, framing and scotia's and fill any minor defects using TRUEPREP STOP-IT Filler, after primer coat is dry.

aquatec

Timber Joinery-New Unpainted
Interior Uses: Liquid sugar soap or similar cleaner is a good method for cleaning all contaminates of the existing substrate. The surface will need to be thoroughly cleaned down to remove any residue left.

Exterior Uses: All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEAN - A powerful water based, biodegradable, degreaser. Formulated to remove grease and other contaminants from painted and other surfaces. Refer to the TDS for all general information and application.

Inspect the substrate prior to applying any coating system to ensure there is no contamination present and no surface defects exists. If there is either contaminants or defects are present, rectification process is required prior to any coating is applied.

Sand the surface to remove contaminants and provide a mechanical key for our topcoats. Wipe surface with a damp rag to remove all dust.

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.

CLEAN UP
Water

APPLICATION NOTES

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 TUFFLOOR PUD CLEAR finishes.

THINNING

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

COATING TECHNOLOGIES LIMITED
10 Andromeda Crescent, East Tamaki, Auckland 2013 Ph +64 9 837 0897 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 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.