TRUEPREP SANDING SEALER

TDS05-500

DESCRIPTION	A fast drying water-based sanding sealer, with excellent clarity and free-sanding properties. Penetrates timber and provides an excellent base for topcoats. Uses special sanding agents that allow the sealer to retain good clarity and development of the timber's natural colour.
TYPICAL USES	Sealing of timber trim, bench tops and other wood surfaces, in preparation for clear finish coats. Ideal as a replacement for solvent-based lacquer sealers in the furniture, shop fitting and cabinetry industries. As a grain filler where a smooth finish is required on heavily grained timber or veneers. Used to enhance adhesion to hard nonporous surfaces such as high and low pressure laminate when repainting with pigmented paints such as AQUATEC LP. Can be used as an adhesion promoting layer when recoating existing clear finished flooring with single pack products such as TUFFLOOR PUD, or TUFFLOOR 2K PU.
ENVIRONMENT	Interior
PERFORMANCE	Provides a hard, smooth, uniform flat surface in preparation for clear water based topcoats.
LIMITATIONS	Do not apply if the air or surface temperature during application and drying is likely to fall below 10oC or when humidity is above 85%. Designed to be over coated - if left without top coating, the sealer will wear quickly and absorb water and oils into the surface. Hard nonporous or previously painted surfaces must be hard sanded with 150# paper prior to sealing. Product may settle – stir thoroughly before use.
TECHNICAL DATA	Resin: Acrylic Solvent: Water Appearance: Clear Colour: Clear Primer: Not applicable Durability: Excellent Thining and Clean Up: Water VOC: 22 g/litre Vol Solids: 31 percent Touch Dry: 30 minutes @15°C Recoat Time: 2-4 Hours @20°C Number of Coats: 1 to 2 Theoretical Coverage: 10 m²/litre/coat Wet Film Thickness: 100 microns Dry Film Thickness: 31 microns
SPREAD RATE	10-12 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	05-500.04
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
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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.

Timber-Aged Unpainted Poor
SURFACE CLEANING:
Interior:
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:
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.

MOSS AND MOULD INFESTATION:
Interior:
If any areas of moss or mould infestation exist, then treat them with a form of moss & mould killer solution. In areas that has signs of mould infestation, it can be removed with a wipe of concentrated moss and mould killer solution on a damp cloth.

Exterior:
If any areas of moss or mould infestation exist, treat them with our Trueprep Green Kill as per our TDS. Apply by flood coating to the surface and allow a minimum of 48 hours and preferably a week for sterilization before scrubbing or water-blasting for removal of the detritus.
For heavy infestations, an additional application may be needed.

SANDING PREPARATION:
All areas require sanding or power sanding to give a sound substrate for your topcoats. Feather the edges to remove sharp edges and ridges, wash or dust off to remove all debris.

Fill all nail holes and gaps with Cotec Stop-It Filler or similar product applied in accordance with manufacturer's instructions. Spot prime filled areas (after fully dry) with the specified Primer again.

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Timber-Aged Unpainted Good
SURFACE CLEANING:
Interior:
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Exterior:
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Allow to apply first coat of primer/ sealer and allow to fully cure.

APPLICATION

Apply un-thinned.

BRUSH: Use a good quality brush and work into the surface. Do not try to apply very heavy coats. Build is better achieved with a number of light coats with sanding between.
ROLLER: Use a 6-10mm nap dacron roller, or similar.
SPRAY: Recommend an airless unit. Pressure 2,500psi max and a tip 515 or larger. Be aware that on open grained timber, spray applied coatings such as these can "bridge" over the deeper grain and cause "white marking" once top coats are applied. If spraying, apply a number of thinner coats "wet on wet" allowing the sealer to sink in as it is applied.
Pot or pressure pot gun: Ease sealer with water (10 – 20%) until good flow at the gun at 40 – 60 psi pot pressure. Use 1.7mm tip and adjust fan air to suit.
If possible ensure all surfaces are thoroughly wetted out. In particular end grain areas and joints to prevent moisture absorption.

Product may settle. Stir thoroughly with a wide paddle prior to application.

THINNING

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

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