



High Performance Paint Product Data Sheet



SANDING SEALER

05-500 MAR 20



DESCRIPTION: A fast drying water-based sanding sealer, with excellent clarity and free-sanding properties. Penetrates timber and provides an excellent base for top coats. 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 non porous 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 TUFF FLOOR PUD.

PERFORMANCE: Provides a hard, smooth, uniform flat surface in preparation for clear water based top coats.

LIMITATIONS: Do not apply if the air or surface temperature during application and drying is likely to fall below 10°C 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 non porous or previously painted surfaces must be hard sanded with 150# paper prior to sealing. Product may settle – stir thoroughly before use.

TECHNICAL DATA:

Resin:	100% Acrylic
Solvent:	Water
Finish:	Flat (<2% @ 60°)
Colour:	Clear
Touch Dry (minimum):	30-45 minutes @ 20°C
Recoat Time (minimum):	2 hours
Primer:	Not Applicable
Number of Coats:	1-2
Dry Film Thickness:	26-31 microns at 12-10 m ² /litre
Wet Film Thickness:	83-100 microns at 12-10 m ² /litre
Durability:	
Thinning and Clean Up:	Water
VOC:	22 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:

Sanding Sealer 05-500

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SANDING 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.

All cracks and joints need to be treated as appropriate to suit the situation. Do not expect paint to bridge moving cracks/joints successfully. Ensure surfaces are free from dust, oil, grease and any surface contamination.

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

WOOD:

New Timber:

Ensure all surfaces are clean and dry. Oily native timber such as rimu, matai etc. should be cleaned with white spirits, particularly in the dark grained areas before applying SANDING SEALER. Softwoods can be sealed once sanded to the smoothness required.

More than one coat of sealer may be required to assist in filling open grained timbers such as mahogany and oak veneers, if a smooth finish is required. This is best done by building up light coats of sealer with sanding in between coats until the required level of grain fill is achieved.

Previously Painted Timber:

Ensure all previous coatings are removed back to bare timber. Previous coatings can be removed by sanding or using paint strippers. If paint strippers are used then thorough washing and allowing the timber to completely dry prior to sealing is required.

HARD OR NON POROUS SURFACES:

Laminates such as Formica or Meltica will need to be hard sanded with 150# sand paper before applying SANDING SEALER.

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:

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.