

ENVIROPRO

High Performance Waterbornes of Distinction for
Timber, Cork and Parquetry

PRODUCT DATA SHEET

ENVIROPRO SEALER

DESCRIPTION:

A unique triblend rich in Polyurethanes and incorporating a breakthrough technology acrylate, combine to provide for a waterborne sealer tailor-made to meet the challenges of Australian timbers and climatic conditions.

Used in combination with Enviropro performance overcoats, Enviropro Sealer provides for an optimum in film build, adhesion, rejection resistance and edge bonding resistance as well as timber colour enhancement.

FEATURES

- High performance total property balance when considering the extremes of requirement of Australian Climate and Timbers.
- Wet edge extension enhanced
- Adhesion promoted
- Virtually non foaming so as to enable application by roller, brush or bar applicator pad
- Extremely high film flexibility and elongation for edge bonding resistance
- Anti-rejection additives provide for flow over 'problem' timbers such as Brushbox, Tallowwood and Spotted Gum.
- Fast drying, 1 - 3 hours depending on weather
- Sandable
- Virtually odourless and non-flammable
- Water clean up
- Low allergenic potential
- Higher solids content for improved grain fill and less grain raise.

RECOMMENDED USES

To provide an optimum platform or foundation under Enviropro performance coatings where bare timber or cork is involved.

Developed and produced in Australia from the latest in worldwide technology by;
Australian Specialty Waterborne Coatings Pty Ltd ACN 070 919 854
1 Gurners Lane, Lonsdale, S.A. Ph 08 836 0092 24 hour 0414 793 237

DIRECTIONS FOR USE

- Enviropro Sealer will adhere to all timber floors that are clean and correctly prepared. Suggested preparation is to final sand with a 100-grit paper and screen to 150-mesh finish. This will minimise grain raise on coating.
- Use directly from the container.
- Can be applied by roller, brush or bar applicator tool.
- Cut in edges with a brush or preferably a paint pad. Cutting in should be on the thin side of coating thickness and should only be applied ahead of the coating proper, in relation to prevailing weather conditions. Although the Enviropro sealer is wet edge enhanced, good practice would be not to get too far ahead of oneself in hot, dry weather.
- Coat the main floor area in a manner consistent with the type of application tool, i.e. roller or bar applicator pad.
For roller application use an application tray or bucket. An 8 to 10 mm nap waterbased type roller cover is recommended to allow for desired film thickness. Finishing strokes in the direction of any grain are always desirable where possible.
For bar applicator pad apply technique, cut edge in with a paint pad. Pour a 10 cm puddle along the direction of the starting wall. The starting wall should Preferably go with a timber grain direction. Using a predampened applicator in a 'snow plough' action, spread apply the sealer coat moving the puddle toward the opposite wall. Ensure a wet edge is maintained. Overlap should be at least 50 % of the width of the applicator. At the end of each stroke, turn the applicator tool while maintaining contact with the floor. Periodically pad out the applicator to remove any foaming material.
- Take care not to leave any puddles from either application technique. Although Enviropro Sealer is very good for minimising dribble or puddle marks, on certain timbers, the thicker and more absorbed coating from a puddle or dribble mark can potentially 'witness' or 'ghost' through final coatings.

DRYING

- In 'normal' drying conditions of approx. 25 deg C, Enviropro Sealer will be dry to take foot traffic in 1 to 2 hours.
- Should screening be required it is recommended a 180 or finer grit screen or paper be used. The sealer coat is usually OK to light sand 2 - 3 hours after application at 25 deg C.
- Abrasion is not necessary for adhesion purposes providing the sealer coat is less than 24 hours since application.

CLEAN-UP

Tools and containers can be cleaned up in water.

A storage canister is recommended for application equipment. Contact ASWC for design details if needed.

PROPERTIES AND DATA

Ingredients	-	Polyurethane dispersions, Acrylic emulsion, additives
Colour-		Milky white when wet, clear thin film when dry
Odour	-	Barely detectable and non offending
Density	-	1.04 S.G.
Application	-	Roller, brush or bar applicator tool
Flammability	-	non-flammable
Stability	-	12 months in unopened containers
Solids	-	35 %
Viscosity	-	21 secs #4 Ford Cup @ 25 deg C
Defoaming	-	Excellent (2 minutes jar test)
Coverage	-	10 to 12 sq. m. per L
Rejection	-	Excellent resistance
Safety	-	Extremely safe to use; refer Material Safety Data Sheet available upon request on 0414 793 237 Hotline
Packaging	-	5 litre recyclable Polyethylene bottles

24-HOUR INFORMATION HOTLINE

0414 793 237 FOR CHIEF CHEMIST 24 HOUR, 7 DAY CONTACT

Spec.	PDS Sealer
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Issued by	P.J. H.
Reason for change	Address and Phone numbers