

Intergrain Enviropro Endure 1 Pack Satin

PRODUCT CODE 701 94990

Data Sheet No. AUDW1419

APPROVALS

Description

Intergrain Enviropro Endure 1 Pack is a high performance, environmentally responsible, water based polyurethane for timber and parquet floors. Endure 1 Pack systems are highly durable and are the product of choice for floors that require a high quality. Endure 1 Pack has the added features of being low odour, quick drying and non-yellowing.

Being water based, Endure 1 Pack emits significantly less VOCs (volatile organic compounds) into the atmosphere than traditional solvent based finishes. So, combined with being safer to use, Endure 1 pack is much gentler on the environment. Green Star Compliant, VOC <140 g/L

Features

Benefits

High performance.

Very good wear resistance.

Environmentally friendly.

Safer to use and gentle on the environment.

Water-based.

Quick drying.

Uses

Use on interior timber and parquet floors. May be used on cork and floating floors in certain situations.

Performance Guide

Weather Interior use only.

Salt Good.

Heat Up to 60C.

Water Good for splashes and spillage.

Solvent Good for weak solutions.

Abrasion Very good.

Acid Good for weak solutions.

Alkali Good for weak solutions.

Typical Properties and Application Data

Gloss Level 30-40% at 60 degrees

Gloss Level Ind



Spread Rate 10.0sqm/L

Volume Solids 29.0

Components 1

Toxicity Non toxic.

Number of Coats 2-3

V.O.C Level <70 g/L

Wet film per coat Recommended 100 µm

Dry film per coat Recommended 29 µm

Touch Dry 1 hr

Recoat 3 hrs

Application Method



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Application Guide

Surface Preparation

All surfaces must be clean, dry, free of wax, grease, dust and other contaminants. The presence of contaminants increases the possibility of rejection and delamination. If uneven, the surface should be sanded with coarse sandpaper. All nail holes and cracks should be filled with Intergrain Woodblend putty. Fine sand the floor, finishing with 100 grit sandpaper, then with 150 mesh screenback and vacuum thoroughly with a commercial grade vacuum cleaner.

MIXING

Shake the Endure 1 Pack for 1 minute or until any settled matting agent is reincorporated. Strain product.

APPLICATION

NEW TIMBER

Where a sealer is required, apply 1 coat of Enviropro Timberseal or Timberseal Ultra following the instructions on the Timberseal label. Lightly sand the sealer with a worn 150 mesh screen if needed. Apply 2 coats of Endure 1 Pack at 8 to 10m²/L using a 11mm Selleys Spirit micro-fibre roller. To improve adhesion and minimise grain raise, screen between coats with a worn 150 grit screen or 180 grit screen.

RECOATING TIMBER

To ensure adhesion, a test patch is recommended after the surface has been prepared. Wash the floor with Enviropro Squeaky Clean as per the label instructions. Sand with 100 grit screen then vacuum thoroughly and tack clean with a damp rag. Apply 1 coat of Endure 1 Pack at 8 to 10m²/L using a 11mm Selleys Spirit micro-fibre roller.

Note: For new and existing timber, any contaminants that appear between coats will cause inconsistencies in the final film. It is recommended to seal doors, fireplaces and windows. To increase the wear resistance, apply up to 3 coats of Endure 1 Pack. On porous timbers, up to 3 coats of Endure 1 pack can also be applied to maximise the uniformity of the finish.

Endure 1 Pack may be used on cork and floating floors in certain situations. For more information, please call 1800 248 780 or your local Intergrain Enviropro representative.

USE OF FLOOR AFTER COATING

Light foot traffic may be possible after 24 hours in drying conditions of 25°C and 50% relative humidity. Full use of floor recommended after 3 days. Full cure in 14 days. The drying of the coating is highly weather dependent. It is recommended that you press your thumb into the coating and if no mark appears it is safe for light foot traffic. High humidity will greatly slow drying rate especially at low temperatures. Do not use chemical cleaners during the 14 day cure period. Use felt pads under all furniture contact points. Do not drag furniture.

Notes

SLIP RESISTANT FINISH

A slip resistant finish can be obtained by applying the following system:

- 1 coat Enviropro Timberseal
- 2 coats Enviropro Endure 1 Pack Satin, with 5% UltraGrip added to each coat of Endure.

When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.

When using UltraGrip, do not sand between coats.

When using UltraGrip with Endure 1 Pack, decant the Endure product into another clean container before adding the UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer or drill mixer until fully mixed in and lump-free. Stir regularly during use.

SLIP RESISTANCE RATING

Not available

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Health and Safety

MSDS Number	21704	Using Safety Precautions	Provide adequate ventilation. Keep windows and doors open during use and while drying.
Health Effects	FIRST AID: For advice, contact a Doctor or Poisons Information Centre. Phone 13 11 26. SWALLOWED: Give plenty of water to drink. Seek medical advice. EYE: Rinse with plenty of running water. Seek medical assistance if effects persist. SKIN: Wash contaminated skin with plenty of soap and water. If irritation occurs, seek medical advice. INHALED: Remove from contaminated area.	Flammability	This product is non-flammable.
Protective Equipment	Wear gloves, safety glasses and protective clothing.	Storage	Keep out of reach of children.
Disposal	Do not pour leftover product down the drain. Keep unwanted product in sealed containers for disposal via special chemical waste collections. Disposal of empty containers via domestic kerbside recycling programs may differ between local authorities. Check with your local council first.		

In the case of emergency please call 1800 033 111

Precautions and Limitations

Use below 10°C is not advised. If using in temperature above 30°C, use of Enviropro 30+ Wet Edge Extender is recommended. It is not advised to apply coatings when the temperature exceeds 35°C as they may dry too quickly under the roller, resulting in a substandard finish. The drying time will vary greatly when the temperature is below 10°C or above 30°C or if the relative humidity is higher than 50%.

Transport and Storage

Pack A	701 94990		
Sizes	5L	Weight	5.5kg

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