






## Feast Watson Liming White / topcoated with EnviroPro Endure 1 AU\_SW18196 Pack Satin on New Timber [Interior]





### Substrate And Substrate Preparation

<b>Substrate Notes:</b>	<p><b>SUBSTRATE DESCRIPTION</b></p> <p><b>NEW TIMBER</b> New timber items should be delivered in a clean dry condition, just prior to installation. The timber should be inspected for physical defects, such as splinters, cracks, woolly grain, machine marks, and knot holes and also for other defects such as sap and tannin stains, and resin exudation from knots. Examine surfaces for wax or preservatives. Moisture content should be close to equilibrium, usually 10-17% for satisfactory staining or coating. Timber should be stored out of the weather before painting. Timber left exposed to the weather for as little as one month prior to painting will suffer from reduced paint adhesion and durability.</p> <p><b>AGED TIMBER</b> Old timber surfaces should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, old unsound paint, dirt and any surface contamination. These defects should be rectified prior to painting.</p> <p><b>TANNIN RICH TIMBER</b> Tannins are water-soluble compounds present in some timbers such as meranti, merbau, kwila, western red cedar and tallowwood. These tannins are leached out by water or moisture and can cause staining of surrounding areas. They are seen as dark coloured stains either under or within a coating. Tannin staining is most obvious in light coloured coatings, such as whites. Darker and wood-toned colours hide the tannin stains best. When using light colours on tannin rich timbers, an appropriate primer should be used to seal the tannins in the wood.</p> <p><b>MANUFACTURED HARDBOARD</b> These products are manufactured as smooth sheets consisting of wood fibres bound with either natural lignin or a small percentage of phenolic resin. Hardboard is widely used as interior panelling but is vulnerable to moisture and therefore not suitable for exterior exposure or in high condensation conditions. Repairing damaged hardboard is not generally practical and it is advisable to completely replace any damaged sections. These products are manufactured from timber fibre bound with thermosetting phenol formaldehyde resin. They contain wax which may inhibit the drying of solvent based alkyd enamels and tannins which may bleed through water based coatings. As manufactured the smooth surfaces provide an ideal surface for finishing but machined edges are more porous and may show fibre raising when primed.</p>
<b>Substrate Preparation Notes:</b>	<p><b>ASSESS SUITABILITY</b> Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-17% before staining or finishing can commence.</p> <p><b>REMOVE SURFACE CONTAMINANTS</b> Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Scrape off and remove residual contaminants by solvent cleaning. Use scraper to remove dirt and mortar splashes. Any greyed wood fibres on aged timbers need to be removed by sanding and / or suitable chemical wood cleaner. <b>CLEAN</b> Clean to remove all dirt, dust and all other surface contaminants by using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.</p> <p><b>REPAIR SURFACE IMPERFECTIONS</b> Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.</p> <p><b>SANDING</b> Sand dressed timber with fine sandpaper in direction of the grain and along the full length of the board. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage.</p>

### Coating System Summary

<b>Primer:</b>	AUDW0744: Feast Watson Sanding Sealer
<b>1st Coat:</b>	AU_DW02128: Feast Watson Liming White
<b>2nd Coat:</b>	AU_DW02128: Feast Watson Liming White
<b>3rd Coat:</b>	AUDW1419: Intergrain Enviropro Endure 1 Pack Satin
Please refer to the coating system details below	

Coating System			
Coat Type:	Primer	Datasheet:	AUDW0744 Feast Watson Sanding Sealer
Application Methods:	   Air Spray   Brush   Roller		
<b>Theoretical Spread Rate *</b> <b>Wet Film Per Coat (microns)</b> <b>Dry Film Per Coat (microns)</b> <b>Recoat Time **</b>		<b>Min</b>  6 hours	<b>Max</b> 10  Indefinite
			<b>Recommended</b> 10 100 35
Coating Application Details:	<p>Apply SANDING SEALER using a brush, roller or spray gun.            If applying by spray, add 20% of mineral turpentine to thin product.            Allow to dry before sanding off all surface material with medium grade sand paper.            Apply 1-2 coats of SANDING SEALER depending on grain depth. Two or more coats may be required when applying by spray.            Thoroughly remove all dust from the surface prior to applying finish coats.</p> <p><b>STAINING</b>            Apply Feast Watson PROOFTINT stain after the final SANDING SEALER coat has been sanded, and prior to the application of top coats.</p> <p><b>Top Coats</b>            Finish by coating the surface with CLEAR VARNISH, WEATHERPROOF VARNISH or STAIN &amp; VARNISH following the label instructions.</p>		
Coat Type:	1st Coat	Datasheet:	AU_DW02128 Feast Watson Liming White
Application Methods:	  Brush   Pad		
<b>Theoretical Spread Rate *</b> <b>Recoat Time **</b>		<b>Min</b>  8 hours	<b>Max</b> 18  18
			<b>Recommended</b> 18
Coating Application Details:	<p>Stir LIMING WHITE thoroughly before and during use with a flat blade stirrer, being careful not to introduce bubbles.            If using more than one can of the same colour to complete a job, combine both cans and stir thoroughly.            Test colour on an off-cut or inconspicuous area prior to staining the whole job to ensure satisfaction with colour choice. Note that the dwell time before wiping excess, and the finishing clear coat will impact the final colour.            Apply with a brush or Feast Watson FLOOR FINISH APPLICATOR in the direction of the grain. Wipe off excess with a soft, clean cloth after a period of time determined by the desired colour intensity (1-5 minutes).            Allow to dry for 8 hours. Evaluate the colour: stronger colour can be developed with further coats of LIMING WHITE. Continue applying coats by the above procedure until the desired colour is achieved.            When satisfied with the colour, a protective top coat is required. Note that oil based top coats may cause the surface to yellow over time.</p> <p><b>Top Coating</b>            LIMING WHITE must be dry before applying a top coat.            For interior floors, apply Feast Watson FLOORSEAL OIL or Feast Watson FLOORCLEAR as per the label instructions.            For all other interior timber (not floors) apply three coats of Feast Watson CLEAR VARNISH as per label directions.</p> <p><b>Colour Tinting</b>            Add up to 5% PROOFTINT to LIMING WHITE to create pastel tones. Add 50ml of PROOFTINT to a 1L can of LIMING WHITE.            Apply the tinted mixture as per the above procedure.</p>		

<b>Coat Type:</b>	<b>2nd Coat</b>	<b>Datasheet:</b>	<b>AU_DW02128 Feast Watson Liming White</b>
<b>Application Methods:</b>	  Brush Pad		
<b>Theoretical Spread Rate *</b> <b>Recoat Time **</b>		<b>Min</b> 8 hours	<b>Max</b> 18  <b>Recommended</b> 18
<b>Coating Application Details:</b>	<p>Stir LIMING WHITE thoroughly before and during use with a flat blade stirrer, being careful not to introduce bubbles. If using more than one can of the same colour to complete a job, combine both cans and stir thoroughly. Test colour on an off-cut or inconspicuous area prior to staining the whole job to ensure satisfaction with colour choice. Note that the dwell time before wiping excess, and the finishing clear coat will impact the final colour. Apply with a brush or Feast Watson FLOOR FINISH APPLICATOR in the direction of the grain. Wipe off excess with a soft, clean cloth after a period of time determined by the desired colour intensity (1-5 minutes). Allow to dry for 8 hours. Evaluate the colour: stronger colour can be developed with further coats of LIMING WHITE. Continue applying coats by the above procedure until the desired colour is achieved. When satisfied with the colour, a protective top coat is required. Note that oil based top coats may cause the surface to yellow over time.</p> <p><b>Top Coating</b>            LIMING WHITE must be dry before applying a top coat.            For interior floors, apply Feast Watson FLOORSEAL OIL or Feast Watson FLOORCLEAR as per the label instructions.            For all other interior timber (not floors) apply three coats of Feast Watson CLEAR VARNISH as per label directions.</p> <p><b>Colour Tinting</b>            Add up to 5% PROOFTINT to LIMING WHITE to create pastel tones. Add 50ml of PROOFTINT to a 1L can of LIMING WHITE. Apply the tinted mixture as per the above procedure.</p>		
<b>Coat Type:</b>	<b>3rd Coat</b>	<b>Datasheet:</b>	<b>AUDW1419 Intergrain Enviropro Endure 1 Pack Satin</b>
<b>Application Methods:</b>	  Brush Roller		
<b>Theoretical Spread Rate *</b> <b>Wet Film Per Coat (microns)</b> <b>Dry Film Per Coat (microns)</b> <b>Recoat Time **</b>		<b>Min</b>   4 hours	<b>Max</b> 10  <b>Recommended</b> 10 100 29
<b>Coating Application Details:</b>	<p><b>MIXING</b>            Shake Endure 1 Pack for at least 1 minute to ensure any settled matting agent is reincorporated. Strain product if required before use.</p> <p><b>APPLICATION</b>            It is recommended to shield doorways, fireplaces and windows from dust, dirt or other contaminants settling on the surface between coats, as this will affect the finished appearance.            Do not completely seal, as adequate ventilation is required to assist with drying.</p> <p>Do not apply in temperatures above 35°C or below 10°C.            If using in temperatures above 30°C, Enviropro Wet Edge Extender can be added to Endure 1 Pack to a maximum of 5% to ease application, follow instructions on the Wet Edge Extender label.</p> <p>If using more than one pack of Endure 1 Pack, it is recommended to mix all packs together to achieve product uniformity before use.</p> <p><b>NEW TIMBER</b>            Apply 1 coat of Enviropro Timberseal™ or Timberseal Ultra following the instructions on the label.            Lightly sand Timberseal Ultra with a worn 180 mesh screen if needed.            If using Timberseal, DO NOT SAND.</p> <p>Apply 2 coats of Endure 1 Pack. Cut in edges using a brush, then apply to the rest of the surface using a 10mm nap microfibre roller.            To improve adhesion and minimise grain raise, it is recommended to screen between coats with a worn 150 grit screen or 180 grit screen.</p> <p>To increase the wear resistance, apply 3 coats of Endure 1 Pack. On porous timbers, apply 3 coats of Endure 1 Pack to ensure a uniform finish.</p> <p><b>PREVIOUSLY FINISHED SURFACES</b> including Floating Floors.            Wash the floor with Enviropro Squeaky Clean™ as per the label instructions.            Lightly sand to a dull finish with a 100 grit screen, vacuum thoroughly to remove dust, then wipe clean with a damp rag.            To ensure adhesion, a test patch is recommended after the surface has been prepared.            Apply a small test area with Endure 1 Pack, allow to dry for 24 hours then firmly press a strip of sticky tape over the coating and rip off quickly.            If the coating is removed, sand the full surface back to bare timber.            If the coating is not removed, sand the test area back to a dull finish. Apply 1-2 coats of Endure 1 Pack using a 10mm nap microfibre roller.</p> <p>If patches of the previous coating have worn back to expose bare timber, the full floor must be sanded back to bare timber, and product applied as per 'new timber' directions.</p>		

#### SLIP RESISTANCE

Intergrain UltraGrip™ can be added to Endure 1 Pack Matt and Satin to achieve a more slip resistant finish.

It is not recommended to add Intergrain UltraGrip to Endure 1 Pack Gloss as it will dull the gloss finish.

For more information about system requirements refer to the datasheet on [www.duspec.com.au](http://www.duspec.com.au). Add UltraGrip according to product instructions.

A slip resistant finish can be obtained by applying one of the following applicable systems:

Tested to AS 4586:2013 Slip resistance classification of new pedestrian surface materials.

To achieve a WET Pendulum rating of P4

- 1 coat Enviropro Timberseal Ultra.
- 1 coat Enviropro Endure 1 Pack Satin, with 5% Intergrain UltraGrip added.
- 1 coat Enviropro Endure 1 Pack Satin.

To achieve a WET Pendulum rating of P5

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

Intergrain UltraGrip must be added at a rate of 5%. That is:

- 250g of UltraGrip for 5L of coating

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

When using UltraGrip, do not sand the coat that contains the UltraGrip.

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.

#### MAINTAINING A SLIP RESISTANT FINISH

In order to maintain a slip resistant finish, the floor must be recoated as the slip resistance decreases due to wear.

When recoating is required

- Clean the surface with Enviropro Squeaky Clean, following label instructions.
- Allow the floor to fully dry.
- Lightly sand the existing coating.
- Remove all sanding dust.
- Apply 1 coat of Enviropro Endure 1 Pack Satin with 5% Intergrain UltraGrip added. Follow label instructions.
- Allow to dry.
- Apply 1 coat of Enviropro Endure 1 Pack Satin. Follow label instructions.

#### Coating System Notes:

- \* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.
- \*\* Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.

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DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton, Victoria 3168 AU ABN 67 000 049 427