













## Feast Watson Stain & Varnish Liming White Satin on New Timber [Interior]

**AU\_SW18198**

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_DW01805: Feast Watson Stain & Varnish Liming White Satin
<b>2nd Coat:</b>	AU_DW01805: Feast Watson Stain & Varnish Liming White Satin
<b>Optional:</b>	AU_DW01805: Feast Watson Stain & Varnish Liming White 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>STAINING            Apply Feast Watson PROOFTINT stain after the final SANDING SEALER coat has been sanded, and prior to the application of top coats.</p> <p>Top Coats            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_DW01805 Feast Watson Stain & Varnish Liming White Satin
Application Methods:	   Brush   Roller   Pad		
<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> 8 83 22 2 Hours	<b>Max</b> 12 125 33 Indefinite
			<b>Recommended</b> 10 100 26 2 hours +
Coating Application Details:	<p>Test colour on an off-cut or inconspicuous area prior to staining the whole job to ensure satisfaction with colour choice. LIMING WHITE STAIN &amp; VARNISH should be stirred thoroughly before and during application with a flat blade stirrer taking care not to introduce bubbles. Apply LIMING WHITE STAIN &amp; VARNISH using a brush, roller or spray. If spraying LIMING WHITE STAIN &amp; VARNISH may be thinned by using 10% water. If applying by roller, use a short nap (5mm) mohair roller. Ensure edges and end grain are fully coated. Three coats of varnish are required. If the desired colour is achieved with the first coat, complete the following coats with a suitable water based clear coating, such as Cabot's CARBOTHANE clear water based or Intergrain ULTRACLEAR INTERIOR as additional coats of LIMING WHITE STAIN &amp; VARNISH will intensify the colour. Allow 2 hours drying between coats. Sand lightly between coats with a fine sandpaper. If applying over a previous varnish coating, two coats will be sufficient. For new timber, and if applying by spray, apply a minimum of three coats. More coats may be applied for extra durability. Do not apply in temperatures under 10°C or above 35°C.</p>		
Coat Type:	2nd Coat	Datasheet:	AU_DW01805 Feast Watson Stain & Varnish Liming White Satin
Application Methods:	   Brush   Roller   Pad		
<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> 8 83 22 2 Hours	<b>Max</b> 12 125 33 Indefinite
			<b>Recommended</b> 10 100 26 2 hours +
Coating Application Details:	<p>Test colour on an off-cut or inconspicuous area prior to staining the whole job to ensure satisfaction with colour choice. LIMING WHITE STAIN &amp; VARNISH should be stirred thoroughly before and during application with a flat blade stirrer taking care not to introduce bubbles. Apply LIMING WHITE STAIN &amp; VARNISH using a brush, roller or spray. If spraying LIMING WHITE STAIN &amp; VARNISH may be thinned by using 10% water. If applying by roller, use a short nap (5mm) mohair roller. Ensure edges and end grain are fully coated. Three coats of varnish are required. If the desired colour is achieved with the first coat, complete the following coats with a suitable water based clear coating, such as Cabot's CARBOTHANE clear water based or Intergrain ULTRACLEAR INTERIOR as additional coats of LIMING WHITE STAIN &amp; VARNISH will intensify the colour. Allow 2 hours drying between coats. Sand lightly between coats with a fine sandpaper. If applying over a previous varnish coating, two coats will be sufficient. For new timber, and if applying by spray, apply a minimum of three coats. More coats may be applied for extra durability. Do not apply in temperatures under 10°C or above 35°C.</p>		

Coat Type:	Optional	Datasheet:	AU_DW01805 Feast Watson Stain & Varnish Liming White Satin	
Application Methods:	<div>  </div> <div>Brush   Roller   Pad</div>			
		Min	Max	Recommended
Theoretical Spread Rate *		8	12	10
Wet Film Per Coat (microns)		83	125	100
Dry Film Per Coat (microns)		22	33	26
Recoat Time **		2 Hours	Indefinite	2 hours +
Coating Application Details:	Test colour on an off-cut or inconspicuous area prior to staining the whole job to ensure satisfaction with colour choice. LIMING WHITE STAIN & VARNISH should be stirred thoroughly before and during application with a flat blade stirrer taking care not to introduce bubbles. Apply LIMING WHITE STAIN & VARNISH using a brush, roller or spray. If spraying LIMING WHITE STAIN & VARNISH may be thinned by using 10% water. If applying by roller, use a short nap (5mm) mohair roller. Ensure edges and end grain are fully coated. Three coats of varnish are required. If the desired colour is achieved with the first coat, complete the following coats with a suitable water based clear coating, such as Cabot's CARBOTHANE clear water based or Intergrain ULTRACLEAR INTERIOR as additional coats of LIMING WHITE STAIN & VARNISH will intensify the colour. Allow 2 hours drying between coats. Sand lightly between coats with a fine sandpaper. If applying over a previous varnish coating, two coats will be sufficient. For new timber, and if applying by spray, apply a minimum of three coats. More coats may be applied for extra durability. Do not apply in temperatures under 10°C or above 35°C.			
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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