




Feast Watson Tung Oil on New Timber [Interior]

AUSW1258

Substrate And Substrate Preparation	
Substrate Notes:	<p>SUBSTRATE DESCRIPTION</p> <p>NEW TIMBER 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 moisture content, usually 10-17% for satisfactory staining or coating. Timber should 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>AGED TIMBER 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>TANNIN RICH TIMBER Tannins are water-soluble extractives 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. 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 practicable 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>
Substrate Preparation Notes:	<p>ASSESS SUITABILITY 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>REMOVE SURFACE CONTAMINANTS 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. CLEAN 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>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.</p> <p>SANDING 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	
1st Coat:	AUDW0733: Feast Watson Tung Oil
2nd Coat:	AUDW0733: Feast Watson Tung Oil
3rd Coat:	AUDW0733: Feast Watson Tung Oil
Please refer to the coating system details below	

Coating System			
Coat Type:	1st Coat	Datasheet:	AUDW0733 Feast Watson Tung Oil
Application Methods:	 Other Brush, pad, cloth, or short nap Roller		
	Min	Max	Recommended
Theoretical Spread Rate *	10	12	12
Wet Film Per Coat (microns)			83
Dry Film Per Coat (microns)	42	35	34
Recoat Time **	24 Hours		
Coating Application Details:	<p>Surfaces to be coated must be dry and free from all dirt, dust, grease, wax, polish and oil. TUNG OIL should be mixed thoroughly, with a flat blade stirrer, before and during application, taking care NOT to introduce bubbles. Apply a liberal coat of TUNG OIL to the timber with a brush, roller, cloth or Feast Watson FLOOR FINISH APPLICATOR. Ensure the surface is evenly covered. Leave the TUNG OIL to soak into timber for approximately 60 minutes and then wipe off any excess product with a clean cloth. When the first coat is thoroughly dry, apply a second coat of TUNG OIL following the application process outlined above. When applying TUNG OIL to floors, buff the floor after the final coat using a buffing machine (300 revs/minute). Allow 24 hours before buffing.</p> <p>STAINING Stain bare timber after sanding using PROOFTINT as per the application instructions. Seal soft porous timbers such as pine with one coat of TUNG OIL before staining to ensure even absorption of the stain. To stain flooring, mix PROOFTINT with Feast Watson PROOFTINT COLOUR REDUCER to allow time to evenly work the stain across the floor. Test the mixture rate on off-cuts of flooring to confirm the colour before staining the whole area. Apply stain to the floor with a FLOOR FINISH APPLICATOR as per PROOFTINT instructions. Allow 12 hours to dry before applying TUNG OIL. To tint TUNG OIL, add up to 10% PROOFTINT and apply as per the application directions outlined above.</p> <p>MAINTENANCE Allow TUNG OIL to cure for a minimum of 4 weeks before polishing. Regularly clean floors using FLOORCLEAN. When surface requires an additional coat, clean with FLOORCLEAN and apply one coat of TUNG OIL as per application directions.</p>		
Coat Type:	2nd Coat	Datasheet:	AUDW0733 Feast Watson Tung Oil
Application Methods:	 Other Brush, pad, cloth, or short nap Roller		
	Min	Max	Recommended
Theoretical Spread Rate *	10	12	12
Wet Film Per Coat (microns)			83
Dry Film Per Coat (microns)	42	35	34
Recoat Time **	24 Hours		
Coating Application Details:	<p>Surfaces to be coated must be dry and free from all dirt, dust, grease, wax, polish and oil. TUNG OIL should be mixed thoroughly, with a flat blade stirrer, before and during application, taking care NOT to introduce bubbles. Apply a liberal coat of TUNG OIL to the timber with a brush, roller, cloth or Feast Watson FLOOR FINISH APPLICATOR. Ensure the surface is evenly covered. Leave the TUNG OIL to soak into timber for approximately 60 minutes and then wipe off any excess product with a clean cloth. When the first coat is thoroughly dry, apply a second coat of TUNG OIL following the application process outlined above. When applying TUNG OIL to floors, buff the floor after the final coat using a buffing machine (300 revs/minute). Allow 24 hours before buffing.</p> <p>STAINING Stain bare timber after sanding using PROOFTINT as per the application instructions. Seal soft porous timbers such as pine with one coat of TUNG OIL before staining to ensure even absorption of the stain. To stain flooring, mix PROOFTINT with Feast Watson PROOFTINT COLOUR REDUCER to allow time to evenly work the stain across the floor. Test the mixture rate on off-cuts of flooring to confirm the colour before staining the whole area. Apply stain to the floor with a FLOOR FINISH APPLICATOR as per PROOFTINT instructions. Allow 12 hours to dry before applying TUNG OIL. To tint TUNG OIL, add up to 10% PROOFTINT and apply as per the application directions outlined above.</p> <p>MAINTENANCE Allow TUNG OIL to cure for a minimum of 4 weeks before polishing. Regularly clean floors using FLOORCLEAN. When surface requires an additional coat, clean with FLOORCLEAN and apply one coat of TUNG OIL as per application directions.</p>		

Coat Type:	3rd Coat	Datasheet:	AUDW0733 Feast Watson Tung Oil
Application Methods:	 Other Brush, pad, cloth, or short nap Roller		
		Min	Max
Theoretical Spread Rate *		10	12
Wet Film Per Coat (microns)			83
Dry Film Per Coat (microns)		42	35
Recoat Time **		24 Hours	34
Coating Application Details:	<p>Surfaces to be coated must be dry and free from all dirt, dust, grease, wax, polish and oil. TUNG OIL should be mixed thoroughly, with a flat blade stirrer, before and during application, taking care NOT to introduce bubbles. Apply a liberal coat of TUNG OIL to the timber with a brush, roller, cloth or Feast Watson FLOOR FINISH APPLICATOR. Ensure the surface is evenly covered. Leave the TUNG OIL to soak into timber for approximately 60 minutes and then wipe off any excess product with a clean cloth. When the first coat is thoroughly dry, apply a second coat of TUNG OIL following the application process outlined above. When applying TUNG OIL to floors, buff the floor after the final coat using a buffing machine (300 revs/minute). Allow 24 hours before buffing.</p> <p>STAINING Stain bare timber after sanding using PROOFTINT as per the application instructions. Seal soft porous timbers such as pine with one coat of TUNG OIL before staining to ensure even absorption of the stain. To stain flooring, mix PROOFTINT with Feast Watson PROOFTINT COLOUR REDUCER to allow time to evenly work the stain across the floor. Test the mixture rate on off-cuts of flooring to confirm the colour before staining the whole area. Apply stain to the floor with a FLOOR FINISH APPLICATOR as per PROOFTINT instructions. Allow 12 hours to dry before applying TUNG OIL. To tint TUNG OIL, add up to 10% PROOFTINT and apply as per the application directions outlined above.</p> <p>MAINTENANCE Allow TUNG OIL to cure for a minimum of 4 weeks before polishing. Regularly clean floors using FLOORCLEAN. When surface requires an additional coat, clean with FLOORCLEAN and apply one coat of TUNG OIL as per application directions.</p>		

Comments
<ul style="list-style-type: none"> Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point. Do not apply if the surface temperature is greater than 40°C or below 10°C, or likely to fall below 10°C during the application or drying period. Do not apply paint if the temperature is below 10°C or likely to fall below 10°C during the drying period. This is an abridged specification and must be read in conjunction with the FULL Dulux specification and product data sheet(s).

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