

Cabot's Cabothane Clear Oil Based Satin on New Timber [Interior]

AUSW1202

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 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>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:	AUDW1643: Cabot's Cabothane Clear Oil Based Satin
2nd Coat:	AUDW1643: Cabot's Cabothane Clear Oil Based Satin
3rd Coat:	AUDW1643: Cabot's Cabothane Clear Oil Based Satin
Please refer to the coating system details below	

Coating System			
Coat Type:	1st Coat	Datasheet:	AUDW1643 Cabot's Cabothane Clear Oil Based Satin
Application Methods:	     Air Spray Airless Spray Brush Roller Pad		
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	16	16
	Dry Film Per Coat (microns)	25	25
	Recoat Time **	6 Hours	Indefinite
Coating Application Details:	<p>Note: Do not shake can. Stir thoroughly with a broad flat paddle before and during use. Apply with a good quality brush or spray gun. If spraying, back brushing is recommended. If brushing, always brush in the direction of the grain. Allow to dry for a minimum of 6 hours then lightly sand using 240 grit paper. Remove all sanding dust. Apply the 2nd & 3rd coats as above, lightly sanding with 240 grit paper between each coat.</p> <p>STAINING BARE INTERIOR TIMBER If timber is to be stained, apply one coat of Cabot's Interior Stain Oil Based or Stain & Varnish Oil Based following label instructions. For Cabot's Interior Stain Oil Based only: Allow stain to dry for 8 hours and apply 3 coats of Cabothane Clear following application procedure above.</p> <p>Note - To stain previously coated timber, sand back to bare timber before staining.</p> <p>HINTS Cabot's Cabothane Clear is not suitable for: previously wax coated finishes walk-on areas extreme UV exposure broad wall application</p> <p>For surfaces subject to extreme UV exposure, use Cabot's Exterior Clear.</p>		
Coat Type:	2nd Coat	Datasheet:	AUDW1643 Cabot's Cabothane Clear Oil Based Satin
Application Methods:	     Air Spray Airless Spray Brush Roller Pad		
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	16	16
	Dry Film Per Coat (microns)	25	25
	Recoat Time **	6 Hours	Indefinite
Coating Application Details:	<p>Note: Do not shake can. Stir thoroughly with a broad flat paddle before and during use. Apply with a good quality brush or spray gun. If spraying, back brushing is recommended. If brushing, always brush in the direction of the grain. Allow to dry for a minimum of 6 hours then lightly sand using 240 grit paper. Remove all sanding dust. Apply the 2nd & 3rd coats as above, lightly sanding with 240 grit paper between each coat.</p> <p>STAINING BARE INTERIOR TIMBER If timber is to be stained, apply one coat of Cabot's Interior Stain Oil Based or Stain & Varnish Oil Based following label instructions. For Cabot's Interior Stain Oil Based only: Allow stain to dry for 8 hours and apply 3 coats of Cabothane Clear following application procedure above.</p> <p>Note - To stain previously coated timber, sand back to bare timber before staining.</p> <p>HINTS Cabot's Cabothane Clear is not suitable for: previously wax coated finishes walk-on areas extreme UV exposure broad wall application</p> <p>For surfaces subject to extreme UV exposure, use Cabot's Exterior Clear.</p>		

Coat Type:	3rd Coat	Datasheet:	AUDW1643 Cabot's Cabothane Clear Oil Based Satin		
Application Methods:	 Air Spray	 Airless Spray	 Brush	 Roller	 Pad
	Theoretical Spread Rate *	Min	Max	Recommended	
	Wet Film Per Coat (microns)	16	16	16	
	Dry Film Per Coat (microns)	25	25	62	
	Recoat Time **	6 Hours	Indefinite	27	
Coating Application Details:	<p>Note: Do not shake can. Stir thoroughly with a broad flat paddle before and during use. Apply with a good quality brush or spray gun. If spraying, back brushing is recommended. If brushing, always brush in the direction of the grain. Allow to dry for a minimum of 6 hours then lightly sand using 240 grit paper. Remove all sanding dust. Apply the 2nd & 3rd coats as above, lightly sanding with 240 grit paper between each coat.</p> <p>STAINING BARE INTERIOR TIMBER If timber is to be stained, apply one coat of Cabot's Interior Stain Oil Based or Stain & Varnish Oil Based following label instructions. For Cabot's Interior Stain Oil Based only: Allow stain to dry for 8 hours and apply 3 coats of Cabothane Clear following application procedure above.</p> <p>Note - To stain previously coated timber, sand back to bare timber before staining.</p> <p>HINTS Cabot's Cabothane Clear is not suitable for: previously wax coated finishes walk-on areas extreme UV exposure broad wall application</p> <p>For surfaces subject to extreme UV exposure, use Cabot's Exterior Clear.</p>				

Comments
<ul style="list-style-type: none"> • Certain species of timber, such as Brushbox or Tallowood may present adhesion problems. Check a test area prior to proceeding with the whole job. • 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 specification must be read in conjunction with the appropriate technical data sheets.

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