

Cabot's Cabothane Clear Water Based Gloss on New Timber [Interior]

AUSW5494

Description
Cabot's Interior Stain Water Based is an easy to use, deep rich stain that transforms the colour of interior timber doors, windows, trim and furniture. It must be over coated with Cabot's Cabothane Clear Water Based to give the protection and durability required on interior timber. Cabot's Cabothane Water Based is a totally clear, fast drying water based varnish for use on interior woodwork, including paneling, ceilings, furniture, doors and joinery. Its brilliant clarity emphasizes the natural colours and grain patterns of all wood species with minimum darkening and yellowing encountered with many solvent based varnishes and polyurethane coatings.

Substrate And Substrate Preparation	
Substrate Notes:	New, uncoated timber. Comments: 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. Naturally oily timber Some timbers such as cypress, spotted gum, tallowwood, brush box, teak and yellow balau are naturally oily. These oils can slow down the drying of a coating. Old uncoated timber, which may be grey and weathered, and/or have dry rot, mould, fungus, grain cracking, staining, dirt or other surface contamination. PREVIOUSLY OILED OR STAINED EXTERIOR TIMBER Exterior timber that had been previously coated with either a penetrating oil or stain. Not to be used on previously painted timber. SUBSTRATE DESCRIPTION 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. 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. 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. Timber that has been previously coated with either a penetrating oil or stain, or with a film forming coating such as a clear varnish or paint.
Substrate Preparation Notes:	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. 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. REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. 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.

Coating System Summary	
1st Coat:	AUDW1636: Cabot's Interior Stain Water Based
2nd Coat:	AUDW1644: Cabot's Cabothane Clear Water Based Gloss
3rd Coat:	AUDW1644: Cabot's Cabothane Clear Water Based Gloss
Please refer to the coating system details below	

Coating System			
Coat Type:	1st Coat	Datasheet:	AUDW1636 Cabot's Interior Stain Water Based
Application Methods:	   Brush Roller Other Rag		
	Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time **	Min 12 0 2 hours	Max 12 8.3 Recommended 12 80 8
Coating Application Details:	Roller, Brush, Rag Stir thoroughly with a broad flat paddle until pigment is mixed in and colour is uniform. Keep well stirred during use. If using more than one can, mix all cans together into a larger container to ensure colour uniformity. Apply with a good quality brush, roller or lint free rag and work the stain evenly into the grain. Allow to set for 1 - 5 minutes then rub with a clean soft cloth using a circular motion to remove any excess stain and produce an even coloured surface. The intensity of the colour will depend on porosity of timber and the length of time before the stain is wiped off. Allow 2 hours drying time. Apply Cabot's Cabothane Clear Water Based as a top coat following label instructions. MAINTENANCE Regular inspection of all coated surfaces is recommended.		
Coat Type:	2nd Coat	Datasheet:	AUDW1644 Cabot's Cabothane Clear Water Based Gloss
Application Methods:	  Air Spray Brush		
	Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time **	Min 12 21.4 3 hours	Max 16 16.1 Recommended 16 63 17
Coating Application Details:	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 2 hours. For best results, lightly sand to remove any grain raise using 240 grit paper. Remove all sanding dust. Apply 2nd & 3rd coats as above. STAINING BARE INTERIOR TIMBER If timber is to be stained, apply one coat of Cabot's Interior Stain Water Based or Stain & Varnish Water Based following label instructions. For Cabot's Interior Stain Water Based only: Allow stain to dry for 2 hours and apply 3 coats of Cabothane Clear following application procedure above. Note - To stain previously coated timber, sand back to bare timber before staining. HINTS Cabot's Cabothane Clear is not suitable for: - previously wax coated finishes - walk-on areas - extreme UV exposure - broad wall application For surfaces subject to extreme UV exposure, use Cabot's Exterior Clear.		

Coat Type:	3rd Coat	Datasheet:	AUDW1644 Cabot's Cabothane Clear Water Based Gloss	
Application Methods:	 Air SprayBrush			
		Min	Max	Recommended
Theoretical Spread Rate *		12	16	16
Wet Film Per Coat (microns)				63
Dry Film Per Coat (microns)		21.4	16.1	17
Recoat Time **		3 hours		
Coating Application Details:	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 2 hours. For best results, lightly sand to remove any grain raise using 240 grit paper. Remove all sanding dust. Apply 2nd & 3rd coats as above. STAINING BARE INTERIOR TIMBER If timber is to be stained, apply one coat of Cabot's Interior Stain Water Based or Stain & Varnish Water Based following label instructions. For Cabot's Interior Stain Water Based only: Allow stain to dry for 2 hours and apply 3 coats of Cabothane Clear following application procedure above. Note - To stain previously coated timber, sand back to bare timber before staining. HINTS Cabot's Cabothane Clear is not suitable for: - previously wax coated finishes - walk-on areas - extreme UV exposure - broad wall application For surfaces subject to extreme UV exposure, use Cabot's Exterior Clear.			

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