













Dulux Weathershield +PLUS Super Hide Low Sheen on Painted Timber [Exterior/Coastal]

AU_SD13340

Description
<p>DULUX Weathershield +PLUS Super Hide Low Sheen provides ultimate hiding power due to concentrated levels of titanium pigment. It is a 100% acylic exterior paint for timber, bricks, decking, concrete board, masonry, Zinalume®, galvanised iron and suitably prepared steel and wrought iron. Its Dulux MaxiFlex™ Stretch Technology give a tough, flexible finish for long life protection from all Australian conditions.</p> <p>DULUX PRECISION High Opacity Stain Blocker is an interior & exterior oil based, fast drying, superior stain blocker for a wide range of water & oil based stains. One coat effectively blocks stains so they will not migrate through subsequent coats of paint. It delivers excellent hiding power over stubborn stains & dark colours and is ideal for blocking tannin. With excellent adhesion properties, it is suitable as a primer, sealer and undercoat.</p>

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, 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 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>MANUFACTURED HARDBOARD 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>
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	
Spot Primer:	AU_DD02065: Dulux Precision High Opacity Stain Blocker
1st Coat:	AU_DD02417: Dulux Weathershield +PLUS Super Hide Low Sheen
2nd Coat:	AU_DD02417: Dulux Weathershield +PLUS Super Hide Low Sheen
Please refer to the coating system details below	

Coating System			
Coat Type:	Spot Primer	Datasheet:	AU_DD02065 Dulux Precision High Opacity Stain Blocker
Application Methods:	   	Air Spray	Airless Spray Brush Roller
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	8	12
	Dry Film Per Coat (microns)	125	83
	Recoat Time **	60.5	40
		90 minutes	indefinite
Coating Application Details:	<p>Brush Roller, conventional spray or airless spray application.</p> <p>Stir thoroughly before and during use.</p> <p>For Stainblocking applications do not tint or thin.</p> <p>Apply one even coat of PRECISION High Opacity Stain Blocker. For heavily stained surfaces and for paperfaced plasterboard where there is a different texture between the paper and jointing compound or where extra filling and smoothness is required, apply a second coat of PRECISION High Opacity Stain Blocker.</p> <p>For optimal coverage and smoothness, apply with:</p> <ul style="list-style-type: none"> • Brush: High quality synthetic filament brush (Nylon or Polyester) Apply in full even coating direct from the container. • Roller: Medium nap synthetic roller (10-13mm on smooth surfaces or 13-18mm on semi-rough or porous surfaces) Apply in full even coating direct from the container. • Spray: Do not thin for stain blocking applications. Suitable for application by all standard spray equipment. <p>Clean Brushes and Rollers with Mineral Turpentine prior to and after use.</p> <p>Brush/Roller:</p>		
Coat Type:	1st Coat	Datasheet:	AU_DD02417 Dulux Weathershield +PLUS Super Hide Low Sheen
Application Methods:	   	Air Spray	Airless Spray Brush Roller
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	15	13
	Dry Film Per Coat (microns)	67	77
	Recoat Time **	33	38
		2 Hours	Indefinite
Coating Application Details:	<p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action.</p> <p>Brush/Roller: Soak brush or roller in water before starting, and use while still slightly damp.</p> <p>*Over bare timber, apply 3 coats of Weathershield.</p> <p>On bare galvanised iron within 1km of the sea, apply one coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.</p> <p>On bare steel apply one coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.</p> <p>On all other surfaces, including brick, masonry and pre-painted surfaces, 2 coats only are required.</p> <p>Professional Painters refer to Duspec Specification Sheets to qualify for guarantee. Under hot or very windy conditions, up to 100 ml/litre of DULUX Hot Weather Thinner may be added to ease application.</p> <p>Airless or Conventional Spray: Suitable for application by all standard spray equipment. Apply wet even coats. If necessary thin with up to 100 ml/litre water to aid atomisation.</p>		
Coat Type:	2nd Coat	Datasheet:	AU_DD02417 Dulux Weathershield +PLUS Super Hide Low Sheen
Application Methods:	   	Air Spray	Airless Spray Brush Roller
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	15	13
	Dry Film Per Coat (microns)	67	77
	Recoat Time **	33	38
		2 Hours	Indefinite
Coating Application Details:	<p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action.</p> <p>Brush/Roller: Soak brush or roller in water before starting, and use while still slightly damp.</p> <p>*Over bare timber, apply 3 coats of Weathershield.</p> <p>On bare galvanised iron within 1km of the sea, apply one coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.</p> <p>On bare steel apply one coat of Dulux All Metal Primer followed by 2 topcoats of Weathershield.</p> <p>On all other surfaces, including brick, masonry and pre-painted surfaces, 2 coats only are required.</p> <p>Professional Painters refer to Duspec Specification Sheets to qualify for guarantee. Under hot or very windy conditions, up to 100 ml/litre of DULUX Hot Weather Thinner may be added to ease application.</p> <p>Airless or Conventional Spray: Suitable for application by all standard spray equipment. Apply wet even coats. If necessary thin with up to 100 ml/litre water to aid atomisation.</p>		

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

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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