



Dulux Weathershield Semi Gloss on New Thermally Modified Timber [Exterior/Coastal]

NZ_SD19159

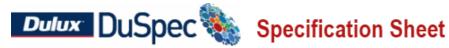
Description

This specification is for thermally modified timber cladding. Dulux Weathershield top coat is also available in low sheen and gloss finishes.

Substrate And Substrate Preparation				
Substrate Notes:	Thermally modified timber is timber that has been exposed to steam and high temperatures, permanently changing its chemical and physical properties. The durability properties of the modified timber are improved including fungal resistance and dimensional stability.			
Substrate Preparation Notes:	NEW BARE THERMALLY MODIFIED TIMBER New timber items should be delivered in a clean dry condition, just prior to installation. Timber must be stored horizontally on bearers at least 100mm off the ground. 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. Moisture content should be close to equilibrium moisture content, usually 7-12% 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, although weathering might be required for some woodcare products. All end grain/cuts must be primed with 1-2 coats of a solvent based alkyd primer prior to fixing.			
	PREPRIMED THERMALLY MODIFIED TIMBER Factory primed timber 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. Machine coat or factory applied primers are suitable for transport and temporary exposure during construction, however, all pre primed timber should be inspected for chalking, crazing, flaking and peeling, and an adhesion test should be carried out. It is necessary to lightly sand factory primers to remove loose coatings and achieve an adequate profile for top coating. All end grain/cuts must be primed with 1-2 coats of a solvent based alkyd primer prior to fixing.			

Coating Sys	Coating System Summary			
1st Coat:	NZ_DD02460: Dulux 1 Step Prep Water Based Primer Sealer Undercoat			
2nd Coat:	NZ_DD02646: Dulux Weathershield Semi Gloss			
3rd Coat:	NZ_DD02646: Dulux Weathershield Semi Gloss			
Please refer to	the coating system details below			

Coating System						
Coat Type:	1st Coat	Datasheet:	NZ_DD02460 Dulux 1 Ste	p Prep Water Based Primer Seale	r Undercoat	
Application Methods:	7					
	Air Spray	Airless Spray Br	ush Roller			
			Min	Max	Recommended	
	oretical Spread				14	
	m Per Coat (m	,			71 31	
DIY FII	m Per Coat (m Recoat		2 Hours		31	
Coating	Brush, roller, o	conventional or ai	rless spray.			
Application Details:	Stir contents thoroughly before and during use.					
Details.	BRUSH: Wet brushes with water prior to use to avoid clogging. Apply a full even coat direct from the container.					
	ROLLER: Using a medium nap roller apply a full even coat direct from the container and finish by light parallel strokes with a dry roller.					
	AIRLESS/CON water to aid at		RAY: Suitable for application b	y all standard spray equipment. If neo	cessary thin with up to 100ml per litre of	
	When painting	exterior surfaces	, ensure topcoat is applied no	more than one week after application	on.	
Additional Coating Details:	Spread rates of application.	on thermally modi	ied timber is typically lower th	an on the equivalent unmodified timb	per species, particularly on first coat	





Coat Type:	2nd Coat	Datasheet:	NZ_DD02646 Dulu	x Weathershield Semi Gloss	
application lethods:	Air Spray Airless Sp	pray Brush F	N Roller		
Tho	oretical Spread Rate *		Min	Max	Recommended 15.6
	m Per Coat (microns)				63
Dry Fil	m Per Coat (microns)				25
	Recoat Time **		2 hr	Indefinite	
Coating Application Details:	Apply two generous coasurface preparation). Some colours may requestromatic coloured pair dark colours. Under hot or windy cond	before and du ats of Weathers ire more than 2 ats (e.g. colours ditions, up to 10	uring use with a broad fleshield. Apply three coats and or the used derived off True Red, some DULUX Hot Weath starting and use while s	·	by be required on some substrates (see all array relevant when using bright or high base) or when painting over existing sist application.
	AIRLESS & CONVENTION Suitable for application		spray equipment. If neo	cessary thin with up to 100ml/litre of wa	ater to aid atomisation
	3rd Coat	Datasheet:	NZ_DD02646 Dulux	Weathershield Semi Gloss	nor to did diomication.
Application	3rd Coat Air Spray Airless Sp	Ŕ	<u>></u>	<u> </u>	
Application	ਜ ਜੋ	Ŕ	<u>></u>	<u> </u>	Recommended
application Methods:	Air Spray Airless Sporetical Spread Rate *	Ŕ	Roller	Weathershield Semi Gloss	Recommended 15.6
pplication lethods: Theo Wet Fill	Air Spray Airless Sporetical Spread Rate * m Per Coat (microns)	Ŕ	Roller	Weathershield Semi Gloss	Recommended 15.6 63
Application Methods: Theo Wet Fill	Air Spray Airless Sporetical Spread Rate *	Ŕ	Roller	Weathershield Semi Gloss	Recommended 15.6
Wet Fil	Air Spray Airless Spray Recoat Time ** Brush, roller, convention Stir contents thoroughly Apply two generous coasurface preparation). Some colours may requished colours and roller in dark colours. Under hot or windy concessive Spray Roller Soak brush and roller in back into paint which has AIRLESS & CONVENTION.	pray Brush F mal and airless before and du ats of Weathers ire more than 2 tits (e.g. colours ditions, up to 10 a water before s as been drying s DNAL SPRAY	Roller Min 2 hr spray uring use with a broad flishield. Apply three coats 2 top coats and or the used five derived off True Red, 10ml DULUX Hot Weath estarting and use while second minutes.	Max Indefinite at stirrer, using an upward lifting actions on all unpainted surfaces. Primer ma	Recommended 15.6 63 25 n. by be required on some substrates (see allarly relevant when using bright or high base) or when painting over existing sist application. r. Avoid excessive brushing or rolling

Comments

System

Notes:

- 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.

** Recoat times are quotes for 25°c and 50% relative humidity, these may vary under different conditions.

- 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.

and surface roughness.





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DuluxGroup (New Zealand) Ptv Ltd 150 Hutt Park Road NZ ACN 133 404 118



Dulux Weathershield Semi Gloss on Pre-Primed Thermally Modified NZ_SD19162 Timber [Exterior/Coastal]

Description

This specification is for pre-primed thermally modified timber cladding. Dulux Weathershield top coat is also available in low sheen and gloss finishes.

Substrate And Substrate Preparation				
Substrate Notes:	Thermally modified timber is timber that has been exposed to steam and high temperatures, permanently changing its chemical and physical properties. The durability properties of the modified timber are improved including fungal resistance and dimensional stability.			
Substrate Preparation Notes:	PREPRIMED THERMALLY MODIFIED TIMBER Factory primed timber 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. Machine coat or factory applied primers are suitable for transport and temporary exposure during construction, however, all pre primed timber should be inspected for chalking, crazing, flaking and peeling, and an adhesion test should be carried out. It is necessary to lightly sand factory primers to remove loose coatings and achieve an adequate profile for top coating. All end grain/cuts must be primed with 1-2 coats of a solvent based alkyd primer prior to fixing.			
Additional Notes:	Spread rate on thermally modified timber is typically lower than on the equivalent unmodified timber species, particularly on first coat application.			

Coating Sys	Coating System Summary			
1st Coat:	NZ_DD02646: Dulux Weathershield Semi Gloss			
2nd Coat:	NZ_DD02646: Dulux Weathershield Semi Gloss			
Please refer to	the coating system details below			

Coating Sys	stem				
Coat Type:	1st Coat	Datasheet:	NZ_DD02646 Du	lux Weathershield Semi Gloss	
Application Methods:	Air Spray Airless	Spray Brush R	oller		
Wet Fil	oretical Spread Rate of m Per Coat (microns) im Per Coat (microns) Recoat Time **))	Min 2 hr	Max Indefinite	Recommended 15.6 63 25
Coating Application Details:	Apply two generous of surface preparation). Some colours may rechromatic coloured padark colours. Under hot or windy compact of the soak brush and roller back into paint which	nly before and ductoats of Weathers quire more than 2 aints (e.g. colours anditions, up to 10 in water before s has been drying s	ring use with a broathield. Apply three control top coats and or the derived off True Resoult Dull Dull Hot Westarting and use whill some minutes.	d flat stirrer, using an upward lifting action oats on all unpainted surfaces. Primer made use of a tinted undercoat. This is particuted, Bold Yellow, Orange, and Extra Bright ather Thinner may be added per litre to as e still slightly damp. Use a short nap rolled necessary thin with up to 100ml/litre of war	by be required on some substrates (see allarly relevant when using bright or high base) or when painting over existing sist application. T. Avoid excessive brushing or rolling
Additional Coating Details:	Spread rate				





Coat Type:	2nd Coat	Datasheet:	NZ_DD02646 Du	ulux Weathershield Semi Gloss	
Application Methods:	Air Spray Airless Sp	ray Brush Ro	ller		
Wet File	oretical Spread Rate * m Per Coat (microns) m Per Coat (microns) Recoat Time **		/lin 2 hr	M ax	Recommended 15.6 63 25
Coating Application Details:	Apply two generous coasurface preparation). Some colours may requichromatic coloured pain dark colours. Under hot or windy cond BRUSH/ROLLER Soak brush and roller in back into paint which ha	before and durits of Weathersh ire more than 2 to the (e.g. colours of the colour	ng use with a broateld. Apply three or op coats and or the derived off True Remain DULUX Hot Westerling and use while me minutes.	d flat stirrer, using an upward lifting action pats on all unpainted surfaces. Primer made use of a tinted undercoat. This is particularly, Bold Yellow, Orange, and Extra Bright ather Thinner may be added per litre to as estill slightly damp. Use a short nap rolled necessary thin with up to 100ml/litre of war	ay be required on some substrates (see allarly relevant when using bright or high base) or when painting over existing sist application. r. Avoid excessive brushing or rolling
Coating System Notes:	and surface roughness.	·	•	tical Spreading Rate due to factors such a lity, these may vary under different condit	

Comments

- 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.
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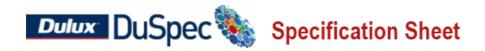
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Dulux Weathershield Semi Gloss on New Thermally Modified Timber [Exterior/Coastal]

NZ_SD19163

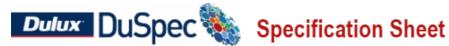
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Coating System Summary				
1st Coat:	NZ_DD02115: Dulux Precision High Opacity Stain Blocker			
2nd Coat:	NZ_DD02646: Dulux Weathershield Semi Gloss			
3rd Coat:	Coat: NZ_DD02646: Dulux Weathershield Semi Gloss			
Please refer to	the coating system details below			

Coating System						
Coat Type:	1st Coat	Datasheet:	NZ_DD02115 Dulux F	Precision High Opacity Stain Blocker		
Application Methods:			<u>></u>			
	Air Spray Air	rless Spray Brush	Roller			
			Min	Max	Recommended	
	oretical Spread F		12.1	8	12.1	
	m Per Coat (mic		83	125	83	
Dry Fil	lm Per Coat (mic		40	60.5	40	
	Recoat Ti	me **		Indefinite	90 minutes	
Coating Application	Brush Roller, conventional spray or airless spray application.					
Details:	Stir thoroughly before and during use.					
	For Stain blocking applications do not tint or thin.					
	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.					
	For optimal cove	erage and smoothne	ess, apply with:			
	Roller: Medium or porous surfact Spray: Do not to	nap synthetic roller ces) Apply in full evo	(1013mm on smooth sur en coating direct from th g applications. Suitable f	ester) Apply in full even coating direct fro faces or 1318mm on semi rough e container. for application by all standard spray equi		
Additional Coating Details:	Spread rates on application.	thermally modified	timber is typically lower t	han on the equivalent unmodified timber	r species, particularly on first coat	





Air Spray Airless S	pray Brush R	2 Coller		
J				
		Min	Max	Recommended
oretical Spread Rate * m Per Coat (microns) m Per Coat (microns) Recoat Time **		2 hr	Indefinite	15.6 63 25
Stir contents thoroughl Apply two generous co surface preparation). Some colours may req chromatic coloured pai dark colours. Under hot or windy con BRUSH/ROLLER Soak brush and roller i back into paint which h AIRLESS & CONVENTION	by before and during the same of Weathers uire more than 2 ints (e.g. colours inditions, up to 100 in water before sas been drying sonal SPRAY	ring use with a broad flihield. Apply three coat top coats and or the ut derived off True Red, Oml DULUX Hot Weath starting and use while some minutes.	s on all unpainted surfaces. Primer manager of a tinted undercoat. This is partice Bold Yellow, Orange, and Extra Bright er Thinner may be added per litre to as till slightly damp. Use a short nap rolle	ay be required on some substrates (see ularly relevant when using bright or high t base) or when painting over existing sist application. er. Avoid excessive brushing or rolling
3rd Coat	Datasheet:	1	<u> </u>	
Air Spray Airless S	pray Brush R	S Roller		
and a long and Date &		Min	Max	Recommended
m Per Coat (microns) m Per Coat (microns) Recoat Time **		2 hr	Indefinite	15.6 63 25
Stir contents thoroughl Apply two generous co surface preparation). Some colours may req chromatic coloured pai dark colours.	y before and durants of Weathers uire more than 2 ints (e.g. colours	ring use with a broad fl hield. Apply three coat top coats and or the u derived off True Red,	s on all unpainted surfaces. Primer masses of a tinted undercoat. This is partice	ay be required on some substrates (see ularly relevant when using bright or high t base) or when painting over existing
	m Per Coat (microns) m Per Coat (microns) m Per Coat (microns) Recoat Time ** Brush, roller, conventic Stir contents thorough! Apply two generous co surface preparation). Some colours may req chromatic coloured pai dark colours. Under hot or windy con BRUSH/ROLLER Soak brush and roller i back into paint which h AIRLESS & CONVENTI Suitable for application 3rd Coat Air Spray Airless S pretical Spread Rate * m Per Coat (microns) m Per Coat (microns) m Per Coat (microns) Recoat Time ** Brush, roller, conventic Stir contents thorough! Apply two generous co surface preparation). Some colours may req chromatic coloured pai	m Per Coat (microns) m Per Coat (microns) Recoat Time ** Brush, roller, conventional and airless strochents thoroughly before and du Apply two generous coats of Weathers surface preparation). Some colours may require more than 2 chromatic coloured paints (e.g. colours dark colours. Under hot or windy conditions, up to 10 BRUSH/ROLLER Soak brush and roller in water before stack into paint which has been drying stack into paints (e.g. colours may require more than 2 chromatic coloured paints (e.g. colours drying into paints (e.g. colou	Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad fl Apply two generous coats of Weathershield. Apply three coat surface preparation). Some colours may require more than 2 top coats and or the u chromatic coloured paints (e.g. colours derived off True Red, dark colours. Under hot or windy conditions, up to 100ml DULUX Hot Weath BRUSH/ROLLER Soak brush and roller in water before starting and use while s back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary Air Spray Airless Spray Brush Roller Min Min Detetical Spread Rate * m Per Coat (microns) m Per Coat (microns) m Per Coat (microns) the coat spray and airless spray Stir contents thoroughly before and during use with a broad fl Apply two generous coats of Weathershield. Apply three coat surface preparation). Some colours may require more than 2 top coats and or the u chromatic coloured paints (e.g. colours derived off True Red,	m Per Coat (microns) m Per Coat (microns) Recoat Time *** 2 hr Indefinite Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting actic Apply two generous coats of Weathershield. Apply three coats on all unpainted surfaces. Primer m surface preparation). Some colours may require more than 2 top coats and or the use of a tinted undercoat. This is partic chromatic coloured paints (e.g. colours derived off True Red, Bold Yellow, Orange, and Extra Brigh dark colours. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to at BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Use a short nap rolle back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of w 3rd Coat Datasheet: NZ_DD02646 Dulux Weathershield Semi Gloss Min Max Tertical Spread Rate * m Per Coat (microns) m Per Coat (microns) Recoat Time *** 2 hr Indefinite Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting actic Apply two generous coats of Weathershield. Apply three coats on all unpainted surfaces. Primer m surface preparation). Some colours may require more than 2 top coats and or the use of a tinted undercoat. This is partic chromatic coloured paints (e.g. colours derived off True Red, Bold Yellow, Orange, and Extra Brigh

Comments

Coating

System

Notes:

- 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.

** Recoat times are quotes for 25°c and 50% relative humidity, these may vary under different conditions.

* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application

- 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.

and surface roughness.





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