




Dulux Wash&Wear +Plus Kitchen & Bathroom Semi Gloss on New Concrete (Off Form, Tilt Up, Pre Cast) [Interior]

AUSD3416

Substrate And Substrate Preparation	
Substrate Notes:	<p>SUBSTRATE DESCRIPTION OFF FORM CONCRETE Off form Concrete is produced by placing suitable forms and shoring to hold the wet concrete into the required shape. Reinforcements are placed within or on the formwork to give concrete its strength. Once the formwork and shoring are removed the result is the off form concrete.</p> <p>TILT UP Tilt Up concrete is derived simply from the method of construction, wall panels are cast on a horizontal surface that then require lifting, and tilting vertically into their final position. Construction is commenced with the laying of the structures foundation and floor slab, wall panels are then cast on the floor one on top of each other in a stack arrangement.</p> <p>PRE CAST Pre Cast concrete are concrete panels that are cast on horizontal vibrating beds that are then cured in racks that are delivered to site that then require lifting, and positioned into their final position.</p>
Substrate Preparation Notes:	<p>PCO018 - OFF FORM, TILT UP, PRE CAST</p> <p>ASSESS SUITABILITY Concrete substrates need to be fully cured for a minimum of 28 days before coating as per AS 2311 Painting of Buildings (Current Edition). Off Form Concrete should be installed as per AS3610 Control of Concrete Surface Formwork (current edition) and AS 3850.2 Tilt Up Concrete & Pre Cast Elements for use in Buildings (current edition)</p> <p>REMOVE CONTAMINANTS Remove grease, form oils and release agents. Treat mould or moss with a suitable mould treatment. Remove shiny surfaces by mechanical abrasion. Embedded steel fragments such as nails, chair legs, tie wires or spacing bars lying on or very close the surface should be removed (and the surface made flush with AcraPatch Coarse or similar) or cleaned and coated with epoxy mastic to prevent rust stains and premature coating system failure.</p> <p>CLEAN Clean the surface thoroughly by water blasting or detergent cleaning, where a commercial cleaner is added to hot or cold water and surface is washed / scrubbed thoroughly with a stiff bristle broom and then rinsed clean with fresh water. This may need to be repeated on extremely dirty surfaces to ensure removal. Ensure that the surface is dry, clean and free from dust. Check for the presence of Release Agents and Bond Breakers by simply splashing water onto the substrate, if water beads on the surface then total removal is mandatory. Where doubt exists always refer to the manufacturer of the Release Agent or Bond Breaker on their recommended practice of removal. The use of proprietary Tiltwash is recommended for the removal of Bond Breakers and Release Agents, a water test should be exercised after the use of TiltWash to check for any residual presence of Bond Breakers and Release agents.</p> <p>REPAIR SURFACE IMPERFECTIONS Cracks and flaws should be filled with a suitable patching compound with the addition of 10 20% fresh Portland cement to match the existing surface. Blowholes and pinholes present can be filled with Acra-Patch 500/1 fine or coarse 500/2 depending on size. Prime over any patched sections. Structural control or expansion joints should be filled with flexible paintable polyurethane mastic.</p> <p>CHECK MOISTURE Ensure concrete moisture content is less than 10% as measured with a standard moisture meter. The coastal area is considered a marine environment and as such salt potentially can shorten the life of the coating systems. Care needs to be taken to wash down all areas twice. Once to remove surface contaminants, and raise salts to the surface and then secondly to remove these salts. Due to the locality, Weather conditions and lag time between application of the coating system it may require the need to wash again, between coats.</p>

Coating System Summary	
1st Coat:	AUDD0074: Dulux Prepcoat Sealer Binder Primer
2nd Coat:	AU_DD02075: Dulux Wash&Wear +Plus Kitchen & Bathroom Semi Gloss
3rd Coat:	AU_DD02075: Dulux Wash&Wear +Plus Kitchen & Bathroom Semi Gloss
Please refer to the coating system details below	

Coating System			
Coat Type:	1st Coat	Datasheet:	AUDD0074 Dulux Prepcoat Sealer Binder Primer
Application Methods:	 Other Brush or roller		
		Min	Max
Theoretical Spread Rate *		13	13
Wet Film Per Coat (microns)		77	77
Dry Film Per Coat (microns)		40	40
Recoat Time **		16 Hours	Indefinite
Coating Application Details:	Brush or roller Stir contents thoroughly before and during use with a broad, flat stirrer using an upward lifting action. Thinning: Not normally required. Under hot conditions or on very porous surfaces application may be eased by thinning with up to 100 ml per litre of mineral turpentine. Brush/Roller: Surfaces of varying texture and porosity use a short nap roller to achieve the most uniform appearance. Application by spray not recommended.		
Coat Type:	2nd Coat	Datasheet:	AU_DD02075 Dulux Wash&Wear +Plus Kitchen & Bathroom Semi Gloss
Application Methods:	 Other Brush, roller, conventional and airless spray		
		Min	Max
Theoretical Spread Rate *		16	16
Wet Film Per Coat (microns)		65	65
Dry Film Per Coat (microns)		24	24
Recoat Time **		2 Hours	Indefinite
Coating Application Details:	Brush, roller and spray Stir contents thoroughly before and during use with a broad flat stirrer using an up and down scooping action. Apply two coats of Wash&Wear +Plus Kitchen & Bathroom Semi Gloss. Brush/Roller: Use good quality brushes and rollers. Using poor quality or worn rollers can affect the final finish achieved. Use a medium nap synthetic or microfiber roller. Pre-wet brushes and rollers with water and remove excess moisture before commencing application. Thinning is usually not required. Under hot conditions up to 50ml per litre of water may be used. Airless/Conventional Spray: Suitable for application by all standard spray equipment. If necessary, to aid atomisation, up to 100ml per litre of water may be added for conventional spray or up to 30ml per litre of water for airless spray. Drying times on a day of around 25°C and 50% humidity: Touch Dry - 30 mins Re-coat - 2 hours Note: Under cooler or humid conditions allow longer times. Ensure temperature is above 10°C during application and drying.		
Coat Type:	3rd Coat	Datasheet:	AU_DD02075 Dulux Wash&Wear +Plus Kitchen & Bathroom Semi Gloss
Application Methods:	 Other Brush, roller, conventional and airless spray		
		Min	Max
Theoretical Spread Rate *		16	16
Wet Film Per Coat (microns)		65	65
Dry Film Per Coat (microns)		24	24
Recoat Time **		2 Hours	Indefinite
Coating Application Details:	Brush, roller and spray Stir contents thoroughly before and during use with a broad flat stirrer using an up and down scooping action. Apply two coats of Wash&Wear +Plus Kitchen & Bathroom Semi Gloss. Brush/Roller: Use good quality brushes and rollers. Using poor quality or worn rollers can affect the final finish achieved. Use a medium nap synthetic or microfiber roller. Pre-wet brushes and rollers with water and remove excess moisture before commencing application. Thinning is usually not required. Under hot conditions up to 50ml per litre of water may be used. Airless/Conventional Spray: Suitable for application by all standard spray equipment. If necessary, to aid atomisation, up to 100ml per litre of water may be added for conventional spray or up to 30ml per litre of water for airless spray. Drying times on a day of around 25°C and 50% humidity: Touch Dry - 30 mins Re-coat - 2 hours Note: Under cooler or humid conditions allow longer times. Ensure temperature is above 10°C during application and drying.		

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.
- Dry times apply to a single coat at recommended spread rate at 25C and 50% Relative Humidity. Allow longer times under cool, moist or still conditions.
- This specification is to be read in conjunction with DULUX product data sheets

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