

Emer-Clad Facade Matt / Emer-Clad Primer SB on New Concrete (AU_SV15573 Off Form, Tilt Up, Pre Cast) [Exterior]

Description
Emer-Clad Facade Matt provides a decorative and protective facade membrane coating after the recommended primer or surface preparation. Emer-Clad Facade is a highly flexible coating and provides excellent resistance to weathering, UV, CO2 and chloride ion damage.

Substrate And Substrate Preparation	
Substrate Notes:	<p>CONCRETE (Off Form, Tilt Up, Pre Cast)</p> <p>SUBSTRATE DESCRIPTION</p> <p>OFF FORM CONCRETE</p> <p>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</p> <p>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</p> <p>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>PC0018 - OFF FORM, TILT UP, PRE CAST</p> <p>ASSESS SUITABILITY</p> <p>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</p> <p>Remove grease, form oils and release agents. Treat mould or moss with a suitable mould treatment. Remove shiny surfaces by mechanical abrasion.</p> <p>CLEAN</p> <p>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</p> <p>Cracks, defects and flaws should be filled with a suitable patching compound or repair mortar such as Emer-Clad Patch Repair. Prime over any patched sections. Structural control or expansion joints should be filled with flexible paintable joint sealant such as Emer-Seal Paintable FC.</p> <p>CHECK MOISTURE</p> <p>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. Ensure concrete moisture content is less than 5% as measured with a moisture meter designed for testing in situ concrete to AS1884-2012 and ASTM F2170.</p>

Coating System Summary	
Primer:	AU_DV02494: Emer-Clad Primer SB Primer
1st Coat:	AU_DV02489: Emer-Clad Facade Matt
2nd Coat:	AU_DV02489: Emer-Clad Facade Matt
Please refer to the coating system details below	

Coating System			
Coat Type:	Primer	Datasheet:	AU_DV02494 Emer-Clad Primer SB Primer
Application Methods:	  	Airless Spray Brush Roller	
	Theoretical Spread Rate *	Min	Max
	Recoat Time **	7	10
		2 hours	
Coating Application Details:	Emer-Clad Primer SB may be applied by brush, roller or spray. The sealer will be touch dry in approximately 30 minutes and may be overcoated with Emer-Clad after 2 hours drying under normal conditions. This can be assessed at the time of application and is influenced by ambient temperature and type of surface treated. When applied over aged, weathered paints, some lifting of the existing material may occur. These areas are to be scraped off and another coat of Emer-Clad Primer SB applied. When applied over old paints or Emer-Clad Facade, Emer-Clad Primer SB should be allowed to dry overnight before applying Emer-Clad Facade.		
Coat Type:	1st Coat	Datasheet:	AU_DV02489 Emer-Clad Facade Matt
Application Methods:	  	Airless Spray Brush Roller	
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	4	
	Dry Film Per Coat (microns)	250	250
	Recoat Time **	125	125
		2 hours	2 hours
Coating Application Details:	Apply Emer-Clad Facade by brush, roller or airless spray to the previously primed surface. Previously primed and prepared surface: Apply 2 coats of Emer-Clad Facade protective coating at 4 m ² per litre per coat (250 microns wet film thickness) to achieve a total dry film thickness of not less than 250 microns. To visually facilitate coverage and ensure adequate film build, different colours may be used for each coat of Emer-Clad Facade.		
Coat Type:	2nd Coat	Datasheet:	AU_DV02489 Emer-Clad Facade Matt
Application Methods:	  	Airless Spray Brush Roller	
	Theoretical Spread Rate *	Min	Max
	Wet Film Per Coat (microns)	4	
	Dry Film Per Coat (microns)	250	250
	Recoat Time **	125	125
		2 hours	2 hours
Coating Application Details:	Apply Emer-Clad Facade by brush, roller or airless spray to the previously primed surface. Previously primed and prepared surface: Apply 2 coats of Emer-Clad Facade protective coating at 4 m ² per litre per coat (250 microns wet film thickness) to achieve a total dry film thickness of not less than 250 microns. To visually facilitate coverage and ensure adequate film build, different colours may be used for each coat of Emer-Clad Facade.		
Additional Coating Details:	On horizontal building elements such as sills, ledges and parapets apply an additional third coat of Emer-Clad Façade.		
Coating System Notes:	* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.		

Comments
<ul style="list-style-type: none"> * * Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions. * Do not apply at temperatures below 10°C, or when temperature may fall below 10°C during the drying period. * Do not apply any materials during damp or rainy conditions or where there is likelihood of rain. Temperatures above 30°C reduce the wet edge time and, as with other water based coatings, may increase the risk of showing lapmarks and rollermarks after drying, especially with darker colours. * Not designed for permanently immersed applications. * Application of all liquid applied membranes and primers should always refer to the surface temperature conditions before commencing and not just ambient temperatures. * The membrane should be protected from rain during the first 48 hours.

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