

Emer-Clad Facade Matt on Aged Uncoated Substrate Masonry Surfaces [Exterior]

AU_SV14372

Description
<p>The Emer-Clad Facade system comprises a single component water based, high solids, acrylic copolymer membrane coating. Emer-Clad Facade is a highly flexible coating containing additives to inhibit the growth of mould, resist bacterial growth and aggressive elements ie: resistant to UV light, chloride ion and carbonation attack.</p> <p>Emer-Clad Facade dries to form an aesthetically pleasing waterproof protective coating on vertical surfaces.</p>

Substrate And Substrate Preparation	
Substrate Notes:	<p>BRICK AND BLOCKWORK BRICK</p> <p>Bricks are predominantly kiln-fired clay, which can be glazed or unglazed. The glazing on glazed bricks should be ground or scabbled to improve adhesion of the coating system. Brickwork is often raked, so rendering requires much more material than facelaid brickwork. The surface must be clean & sound, free of dirt, grime, mould, fungus, stains, powdery mortar smears & all other contaminants. The surface should be examined to determine if it has been laid to specification (flush jointed or face laid) and that the surface variation is within acceptable tolerances. If applying a texture coating, the degree to which the texture coating camouflages flush walls depends on how flush the substrate has been constructed.</p> <p>BLOCKWORK</p> <p>Blockwork is largely cement based and highly porous, and usually flush-laid. The surface should be examined to determine if it has been laid to specification (flush jointed or face laid) and that the surface variation is within acceptable tolerances. The degree to which texture coatings camouflage flush walls depends on how flush the substrate has been constructed.</p>
Substrate Preparation Notes:	<p>PBK019 - BRICK / BLOCKWORK AND MASONRY ASSESS SUITABILITY CLEAN SURFACE</p> <p>Clean to remove all dirt, dust, efflorescence, laitance, powdery surfaces and all other surface contaminants by using a suitable cleaning agent and rinsing / water blasting clean with water. 1500 2500 PSI water blast, this will also give a good indication as to its integrity. Treat mould with an appropriate mould treatment after the substrate has been pressure washed, leave for 24hours prior to coating. Efflorescence should be wire brushed clean. If the coating is in bad condition then remove all paint with a scraper, wire brush, power sander or by burning off or chemical stripper.</p> <p>REPAIR SURFACE IMPERFECTIONS</p> <p>Any major design faults leading to structural failure must be corrected prior to painting. All expansion and movement joints should be sealed with Emer-Seal Paintable FC joint sealant. Polyurethane sealants should be avoided as they can bleed plasticisers into the coating above.</p> <p>PRIME</p> <p>Prime bare areas with a suitable deep penetrating primer</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	Recommended
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			
		Min	Max	Recommended
Theoretical Spread Rate *		4		4
Wet Film Per Coat (microns)		250		250
Dry Film Per Coat (microns)		125		125
Recoat Time **		2 hours		2 hours
Coating Application Details:	Apply Emer-Clad Facade by brush, roller or airless spray to the previously primed surface. Apply 2 coats of Emer-Clad Facade protective coating at 4 m2 per litre per coat (250 microns wet film thickness) to achieve a total dry film thickness of not less than 250 microns. First coat to be Emer-Clad Facade Matt. Final Coat to be Emer-Clad Facade Satin or Matt (Satin exhibits better self-cleaning properties). 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			
		Min	Max	Recommended
Theoretical Spread Rate *		4		4
Wet Film Per Coat (microns)		250		250
Dry Film Per Coat (microns)		125		125
Recoat Time **		2 hours		2 hours
Coating Application Details:	Apply Emer-Clad Facade by brush, roller or airless spray to the previously primed surface. Apply Emer-Clad Facade protective coating at 4 m2 per litre per coat (250 microns wet film thickness) to achieve a total dry film thickness of not less than 250 microns. Final Coat to be Emer-Clad Facade Satin or Matt (Satin exhibits better self-cleaning properties).			
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. **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. Dark colours may show slight oxidation over time. This can be removed temporarily by cleaning, but will not affect the performance of the coating.			

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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