

Emer-Clad Facade Satin / Emerclad SB Primer on Painted Masonry Surfaces [Exterior/Coastal] AU_SV15468

| Description |
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| 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. Emer-Clad Facade dries to form an aesthetically pleasing waterproof protective coating on vertical surfaces. |

| 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>PPP043 - PREVIOUSLY PAINTED MASONRY SURFACE</p> <p>ASSESS SUITABILITY Inspect to determine the degree of deterioration of existing coatings. Identification of the existing coating is also very helpful in determining the system procedure Check coating adhesion using the cross-hatch test.as per AS 1580.408.2 : Paints and related materials - Methods of test - Adhesion (cross-cut)</p> <p>CLEAN SURFACE 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 24 hours 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 Prepare all areas that have poor adhesion, cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing or grit blast to leave a clean surface. as appropriate. Feather edges of the surrounding sound paint to completely remove visual ridges and wash / dust off to remove debris. Any major design faults leading to structural failure must be corrected prior to repainting.</p> <p>EXPANSION AND CONTROL JOINTS Structural control or expansion joints should be filled with flexible paintable joint sealant such as Emer-Seal Paintable FC joint sealant. In all applications where Emer-Clad Facade is applied over movement joints or at floor to wall junctions, Emer-Clad Facade must be reinforced with a suitable fabric such as Emer-Clad Fabric Reinforcing Tape or Emer-Proof Joint Sealing Tape (refer to TDS).</p> <p>SANDING Sand the entire cleaned substrate to an even flat gloss level to provide a smooth, even surface and to provide a good key for the new coating system to adhere to. Glossy surfaces should be abraded then dusted down.</p> <p>PRIME Prime any non porous surfaces with Emer-Clad High Bond Primer, refer to product data sheet for application details.</p> |

| Coating System Summary | |
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| Primer: | AU_DV02494: Emer-Clad Primer SB Primer |
| 1st Coat: | AU_DV02489: Emer-Clad Facade Matt |
| 2nd Coat: | AU_DV02490: Emer-Clad Facade Satin |
| 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 | 4 |
| | Dry Film Per Coat (microns) | 250 | 250 |
| | Recoat Time ** | 125 | 125 |
| | | 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. 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_DV02490 Emer-Clad Facade Satin |
| Application Methods: |    | Airless Spray Brush Roller | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | 4 | 4 |
| | Dry Film Per Coat (microns) | 250 | 250 |
| | Recoat Time ** | 125 | 125 |
| | | 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. First coat to be Emer-Clad Facade Matt. Final Coat to be Emer-Clad Facade Satin or Matt (Satin exhibits better self-cleaning properties). | | |
| Additional Coating Details: | An additional coat may be required if imperfections are present in the membrane. It is recommended to apply an additional third coat on horizontal building elements such as ledges, sills and tops of parapets. | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> <p>* Do not apply at temperatures below 10°C, or when temperature may fall below 10°C during the drying period.</p> <p>* 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.</p> <p>* Not designed for permanently immersed applications.</p> <p>* Application of all liquid applied membranes and primers should always refer to the surface temperature conditions before commencing and not just ambient temperatures.</p> <p>* The system should only be used where there are appropriate falls and drainage.</p> <p>* The membrane should be protected from rain during the first 48 hours.</p> | | |

Comments

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