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ASTEC PAINTS SYSTEM for CEMENT FIBRE Panels:

This preliminary system sheet provides instructions for the Astec Paints texture system required to coat the CEMENT FIBRE Panels.

This system has been developed from successful application experience to the CEMENT FIBRE Panels and other Cement Fibre Sheeting as Harditex.

STEP 1

Preparation:

1. Ensure all panels installation has been completed by the panel installer.
If unsure check with the Builder or Architect.
2. Ensure all expansion joints are completed and masked off.
The acrylic render and texture system must not cover the sealants.
3. In seafront applications the texture system should be applied immediately after the panel installation to avoid the accumulation of salts on the panel. Salts can have an adverse effect on the long-term long term adhesion of the texture system.
4. The panel and subsequent texture system must not be installed so as to allow contact with standing water.
5. For absolute beachfront applications that will be subjected to constant salt spray a texture finish manufactured with 100% pure marble aggregates or 100% acrylic polymer aggregate free textures are most suitable. The system must be top-coated with only waterproof elastomeric membranes to ensure the long-term watertight performance of the system.

Cleaning:

1. All surfaces must be structurally sound, clean, and free from surface contaminants such as, dirt, dust, oils, grease, silicones and release agents.
2. Remove solid contaminants such as mortar splash with a wire brush or scraper.



3. Remove any salt residue from panels exposed in coastal environments.

Flushing:

Flush the joints with 50mm Fiberglass mesh and Armatex Prepatch Medium mixed with 10% of fresh grey cement.

Coating:

1. Mix Armatex Pre-patch Coarse and Rota Render at a ratio of 1:3 by volume. Pre-Patch Coarse is a wet mix supplied in a 15 ltr drum and Astec Rota Render is a dry mix supplied in a 20 kg bag. In a clean drum, add the Rota Render to the Pre-patch coarse while stirring with a mortar mixer.

2. Add water to the blend until the mix is a firm workable paste.

5. Apply one tight coat of the pre-blend to the entire CEMENT FIBER Panels surface. Allow the product surface moisture to settle and float smooth with a foam, polypropylene or plastic diamond float.

6. The product is applied in a single pass at between 3 and 8 mm thick dependant on the base coat surface condition and once finished provides an ideal low suction surface for the following texture coat.

Armatex Texture Coating:

Armatex Textures are 100% acrylic water reducible texture pastes that are supplied in a ready to use form. They are available in a variety of different profiles that are manufactured from a blend of carefully graded aggregates and Astec second generation acrylics. They form a tough yet flexible mineral film with outstanding exterior durability. They provide strong adhesion to the substrate and are extremely well bound and will not crumble even when feathered to a very fine edge.

Energy Star Dirtguard I.R. Elastic-F (Two Coats):

Energy Star Dirtguard I.R. Elastic-F is an Infrared Heat Reflective, Crack Bridging 100% acrylic, elastomeric waterproof membrane designed for the term protection, durability and aesthetics of masonry walls. Dirtguard I.R. Elastic-F exhibits outstanding exterior durability and possesses the excellent elasticity and elongation properties necessary to bridge continually moving without itself cracking or wrinkling.



1. To ensure a uniform result and eliminate the potential for “edge banding” always cut in the wall as you go. Do not cut in to far ahead so as to loose the combined wet edge with the area being rolled.
2. With a small stiff brush cut in the first 5mm then roll over the same area with an 80 mm roller loaded with product. Immediately roll the wall up and over the cut in area so as the two wet edges can flow together.
3. Unsure that the roller covers used for both cutting in and rolling the wall of the same profile and brand.
4. Apply one uniform coat to the entire wall ensuring good edge cover is achieved.

Application and other notes

1. Read product technical data sheets for all products;
2. No limited product warranties or other warranties apply to non-Astec Paints products.
3. Do not commence Astec Paints product application when relative humidity is above 85%.
4. Do not commence product application when the temperature is within 3°C of Dew point.
5. Do not apply products if the air or surface temperature is below 10°C or likely to fall below 10°C during the application and/or drying period.
6. This is an abridged specification and must be read in conjunction with all preparation and application specifications in the Astec Paints technical bulletins that relate to each product specified above.
7. The above information has been provided in good faith for guidance purposes of the users only. Astec Paints accepts no responsibility (other than that determined by a court of law in Australia) for any variation in coverage rates or other application matters of its products. It strongly encourages the applicator to conduct a test patch that includes the application techniques that will be used on the final CEMENT FIBRE Panels system, to ensure that the appropriate finish and coverage rates are obtained for the project.
8. The technical and above data are based on data believed by Astec Paints to be true and correct at the time of writing, however, no guarantee of accuracy is given or implied and is subject to change without notice. All warranties express or implied are excluded and Astec Paints makes no representation as to the accuracy, completeness or otherwise of the technical and above data.



WWW.ASTECPAINTSSYDNEY.COM.AU

MARRICKVILLE TRADE CENTRE

PHONE - (02) 9517 9001 EMAIL - INFO@ASTECPAINTSSYDNEY.COM.AU

UNIT 15 / 168-180 VICTORIA ROAD, MARRICKVILLE NSW 2204

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