

Preparation and Coating Recommendations

Substrate: PRIMAbase (Fibre Cement Board - External Wall Cladding System)



Dulux AcraTex gives you a texture coating system that lasts a lifetime**

When building your new project, it makes sense to protect your home against the harsh elements. That's why Dulux promotes the AcraTex 3-coat system, designed to give you maximum design flexibility and maintain the coating's good looks now and for years to come.

1 Jointing & External Angles



Dulux AcraTex 500/2 AcraPatch Coarse + 10% Portland cement

A trowel applied mixture of Dulux AcraTex 500/2 AcraPatch Coarse mixed onsite with 10% Portland cement, is applied into the joint and a strip of Dulux AcraTex Reinforced Tape is embedded, then immediately overcoated with another layer of the same mixture (wet on wet). Care must be taken to ensure a neat flush finish to accommodate subsequent skim-coat and texture applications. External angles: Apply the same process excluding the Reinforcing Tape.

2 Flushing – the base



Dulux AcraTex 500/13 FastCoat

Dulux AcraTex 500/13 FastCoat is a trowel on skim coat applied over the entire surface. This process does two jobs, primes and binds the surface covering jointing outline, as well as providing optimum adhesion for the following texture coat.

3 Texture Coating – the look & body



Dulux AcraTex 9.51 Tuscany Fine (texture example as shown)

Typically, Dulux AcraTex Trowel-On range is specified. Hume Cemboard Industries recommend a minimum coating thickness of 2mm, providing the best coverage ability to accommodate normal sheeting installation. Low profile smooth-fine finishes are not recommended. The Texture coat provides the 'look' or overall appeal (to suit your preference), practical coverage ability (for applicator ease & efficiency), integrity, flexibility & impact resistance for long term technical performance.

4 Top Coat – the finishing coat



Dulux AcraTex 955 AcraShield Matt

A second coat of Dulux AcraTex 955 AcraShield may be required

Roller applied Dulux AcraTex 955 AcraShield upgrades the entire system's long-term integrity, providing resistance to atmospheric pollution, protects from ultra violet, moisture ingress and salt penetration. It also provides a flexible protective layer that minimises dirt pick up, so the surface stays looking new longer. (Colours selected for the PRIMAbase System and its PVC accessories must have a Light Reflective Value (LRV) of greater than 40%).

*Hume Cemboard Industries Sdn Bhd makes no representations about, and offers no warranties in connection with, the performance of the Dulux AcraTex Texture System. For details of Hume Cemboard Industries PRIMAbase systems and recommendation - visit www.primabase.com.

** When correctly applied, maintained and over coated with AcraShield every 7-10 years.

Colour shown is Fiji Sands P15D2.
Colour may vary due to printing process.

Information Sheet

PRIMAbase (Fibre Cement Board - External Wall Cladding System)



Description

PRIMAbase Fibre Cement Board is a 7.5mm external base sheet designed for residential and small commercial projects as an alternative to traditional brick veneer and rendered masonry. The Claddings system utilises a standard timber or steel structural frame with vertical studs at 600mm centres and support battens to all perimeters of the board.

Sheet Condition

Framing must conform with fibre cement sheet manufacturer's recommendations and be in accordance with relevant standards, including:

- Building Code of Australia
- AS1684 - National Timber Framing Code
- AS3623 - Domestic Metal Framing

Preparation

1. Ensure that the PRIMAbase Fibre Cement Sheeting is installed in accordance with the manufacturers fixing instructions.
2. Ensure the surface is clean, sound, dry and free of any dust, dirt, mould, fungus, grease or other contaminants.
3. An initial check of the levelness of the substrate with a straight edge is required to highlight any variations that may need initial fill prior to a full skim coat.

Jointing System

For flush jointing of fibre cement sheeting it is important that joints are even and flush across their face. Misaligning sheets require greater attention and preparation. The framework to which sheets are fixed must also be true and plumb.

1. Apply a layer of 500/2 AcraPatch Coarse with 10% fresh Portland Cement, then embed AcraTex Reinforced Tape and immediately overcoat with another coat of AcraPatch Coarse 500/2 and with 10% cement (wet on wet).

Note:

- (a) In the recessed joints 500/2 AcraPatch Coarse mixture needs to be brought flush to the surrounding surface. You may require a further flush coat relative to the sheet misalignment. Once satisfied that the joints have been sufficiently filled, allow 24 hours drying time before skim coating.
- (b) Ensure that all flushing is feather edged. In warmer weather apply water via a spray bottle or damp brush to aid feathering of the edges.

2. External angles are achieved with the use of plastic or corrosive resistant angle beads embedded in 500/2 AcraPatch Coarse with 10% cement. These edges are also flushed using a mixture of 500/2 AcraPatch Coarse together with 10% fresh Portland Cement.

Summary of Material for Jointing System

Joint: 500/2 AcraPatch Coarse, plus 10% fresh Portland Cement, plus reinforcing mesh

Corners: 500/2 AcraPatch Coarse, plus 10% fresh Portland Cement, plus non-corrosive angle

Special Note:

Dulux makes no warranty, either expressed or implied, that joints coated with the AcraTex jointing system will not crack. Refer your client to the appropriate board manufacturers who have tested and approved product suitability on test rigs that simulate movement and joint dynamics.

Skim Coat

Ensure scaffolding is set to provide a good working platform, enabling the product to be applied uninterrupted.

1. Run over the surface with the edge of a trowel to clean up any raised fibres from fixings. Make sure surface is clear of any dust before skim coating commences.
2. Apply a full skim coat of 500/13 FastCoat over the entire PRIMAbase panel to eliminate any outline of the joint areas. The amount of material used is relative to the degree of misalignment. Apply sufficient 500/13 FastCoat to ensure a uniform joint free level surface is achieved.

Coating Systems

3. Apply either an AcraTex Trowel On, Roll On texture or Spray On profile. Once satisfied, allow 24 hours drying time before top coating.
4. Apply AcraTex 955 AcraShield low gloss or matt, (955 AcraShield tinted to approved colour selection), to complete the AcraTex system.

Control Joints

To minimise cracking caused by thermal expansion-contraction, structural movement and drying shrinkage, adequate control joints must be designed and installed. Best practice will include control jointing above and below all structural weak points / movement zones eg. above and below window or door openings, at all horizontal multi level junctions and at the junctions of any change in building materials.

The project architect or engineer should be involved in the correct location of control joints. Attention should be given to ensure these joints are kept free of all debris. An appropriate control joint sealant should be used, then painted with 955 AcraShield.

Colour Selection

Dulux has an extensive range of colours to choose from, but it is recommended to avoid dark coloured coatings on walls subject to long periods of sun exposure, as this can result in excessive heat build-up in plastic accessories and subject the PRIMAbase Fibre Cement Sheeting system to excessive movement.

Articulation

On large projects this substrate is often presented in panel form. When applying coatings there is no requirement for articulation into smaller panels. Access to the entire face of a panel must be available. Projects where flush jointing is carried out generally require a continuous application and correct scaffolding together with sufficient skilled applicators to achieve uniform textural results.

Notes

- Always consider the environment which the structure occupies - seaside substrates should be washed to remove surface salts.
- Refer to your board supplier for approved corrosion proof fixings.
- The coating should always be carried under flashing and over parapets. Raw edges where water can ingress must be avoided.
- Installation of the coating system needs to be applied quickly in the correct coating sequence (do not allow excessive time delays between coats) to ensure no contamination can occur between coats, which may cause delamination.
- The applicator is advised to ensure they have adequately considered all the variables pertinent to a particular application of our product.
- Methods of application and process must be approved by the client with the application of a site sample before the remainder of the application is undertaken.

This leaflet should be read in conjunction with the product specification sheets available at <http://www.acratex.com.au/info/>

For further information call **13 23 77** or go to: www.acratex.com.au

DISCLAIMER: Any advice recommendation information assistance or service provided by Dulux AcraTex Coatings in relation to goods manufactured by it or their use and application is given in good faith and is believed by Dulux AcraTex Coatings to be appropriate and reliable. However any advice recommendation information assistance or service provided by Dulux AcraTex Coatings is provided without liability or responsibility.

*Hume Cemboard Industries Sdn Bhd makes no representations about, and offers no warranties in connection with, the performance of the Dulux AcraTex Texture System. For details of Hume Cemboard Industries PRIMAbase systems and recommendations - visit www.primaboard.com or call +603 7625 2880.



Dulux AcraTex ACN 004 117 828

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Trained Applicator: