

## Preparation and Coating Recommendations

**Substrate:** James Hardie® D3-ComTex® façade system



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

When building your new project, it makes sense to protect your building 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 951 Tuscany Coarse (texture example as shown)

Typically, Dulux AcraTex Trowel-On range is specified. James Hardie® 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 D3-ComTex® façade system and its PVC accessories must have a Light Reflective Value (LRV) of greater than 40%).

Colour shown is Dulux Scilly White PW2B5.  
Colour may vary due to printing process.

\* James Hardie® makes no representations about, and offers no warranties in connection with, the performance of the Dulux AcraTex Texture System. For details of James Hardie's® D3-ComTex® façade system warranty, Ask James Hardie™ on 13 11 03 or visit [www.jameshardie.com.au](http://www.jameshardie.com.au)

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



# Texture Systems

## Information Sheet

### James Hardie® D3-ComTex® façade system



#### Applications

The James Hardie® D3-ComTex® façade system creates a seamless facade for an uninterrupted look on **commercial exteriors**. The panels are rebated along their two longer sides, allowing the panels to be joined together.

#### Description

James Hardie® D3-ComTex® façade system is a pre-primed 9mm thick fibre cement sheet board, available in a number of lengths and widths. D3-ComTex® facade system is designed as a texture coating base sheet requiring a high build acrylic texture finish coating system (minimum 2mm coating thickness) for aesthetics and overall protection.

#### Key features/benefits

- Range of different textured looks can be created
- All six panel sides are factory sealed for better, long-term performance
- Rebated along their two longer sides for flush jointing
- Suitable for use on full wrap or for composite construction designs

#### Installation

Building workmanship must comply with relevant building codes and be in accordance with the current James Hardie® D3-ComTex® façade system Technical Specification Manual. For further information on fixing and jointing (below) refer to the current James Hardie® D3-ComTex® facade system Technical Specification Manual.

#### Jointing

Building dynamics of any construction method require adequate planning to accommodate expansion and contraction and other normal construction forces. Fibre Cement Sheet joints are not expansion joints and sufficient construction control joints should be allowed. Vertical control joints are located at a maximum of 6 metres and horizontal control joints are located at a maximum of 3 metres. Also, additionally at natural structural "weak" points eg. above and below openings (doors/windows), between building levels and at changes in construction. Sheet joints require specific attention to frame alignment and fixing detail to minimise the potential for joints to be visible. Under critical lighting conditions (eg glancing/side light) minor joint misalignment may become noticeable. The effects of glancing light on "flat" surfaces (applicable to all building surfaces) is well described in the publication: ILLUMINATION AND DECORATION OF FLAT SURFACES, CSIRO Australia Division of Building Research 1960, revised 1990. Dulux makes no warranty, either expressed or implied, that joints will not crack or become visible.

#### Coating

Trowel on texture finishes are commonly used to coat the D3-ComTex® façade system. The benefit in using Dulux AcraTex acrylic texture coatings is that you have the ability to choose a proven system complemented with a rich spectrum of available colours - from the boldest colours to the most natural looking neutrals are available, allowing maximum design flexibility and freedom†. Refer to the [www.acratex.com.au](http://www.acratex.com.au) site to view the different texture profiles online. Alternatively samples can be obtained through your builder or trained applicator when selecting your preferred finish.

† Note: Colours selected for D3-ComTex® façade system and its PVC accessories must have a Light Reflective Value (LRV) of greater than 40%.

#### SOME COMMONLY ASKED QUESTIONS

##### What determines a good job?

How many times have you heard that preparation is the key? This is paramount in getting the best job. Combine thorough preparation with the application of the Dulux AcraTex texture system by an experienced trained applicator and the result is a high quality finish.

##### What is the maintenance / cleaning cycle?

Your project is possibly the largest investment you will make, so keeping your project in good shape makes sense. As a rule of thumb, get your home pressure cleaned (including the joinery) every 12 – 18 months, however around coastal regions every 6 months.

##### How many colours are available?

Colour is our business! You have well over 2,500+ colours to choose from within the Dulux colour specifier range to choose from†. Ask your builder for a Dulux colour chart.

##### Is the Dulux AcraTex system weatherproof?

Yes, the Dulux AcraTex system has been designed to prevent water ingress through the film of Dulux AcraTex AcraShield, but allows water vapour out, so the system will breathe.

##### When will I need to repaint?

This depends on the original coating as well as the environment and maintenance cycle. On average, you will have in excess of 7-10 years before repainting is required.

##### Is there a Dulux AcraTex warranty?

Yes, Dulux provides a 7 year warranty for Dulux AcraTex materials and the trained applicator will give you a 7 year workmanship warranty.

##### Why specify Dulux AcraTex?

When you specify Dulux AcraTex products, you immediately get the peace of mind that you are using a proven system and dealing with a company with the reputation and success of Dulux.

Specifying a quality Dulux AcraTex system gives you:

- Superior weather proofing • Creative freedom • Stable long lasting colour
- Proven performance • Cost effectiveness • Guaranteed quality
- Low maintenance

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](http://www.acratex.com.au).

For further information on D3-ComTex® façade system visit [www.jameshardie.com.au](http://www.jameshardie.com.au) or Ask James Hardie™ on **13 11 03**.

Trained Applicator:

DISCLAIMER: James Hardie makes no representations about, and offers no warranties in connection with, the performance of the Dulux AcraTex Texture System. For details of James Hardie's D3-ComTex facade system warranty, Ask James Hardie™ on 13 11 03 or visit [www.jameshardie.com.au](http://www.jameshardie.com.au)



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