

Preparation and Coating Recommendations

Substrate: Tilt Up Concrete

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 coatings good looks now and for years to come.

Release Agent (Bond Breaker) Dissolver



Dulux AcraTex Tilt Wash 400/4

Is a specially formulated liquid that removes Bondbreakers from tilt up concrete panels prior to application of any paint/texture system. It is applied by airless spray directly onto the Tilt Up panels.

1

Patch



Dulux AcraTex AcraPatch Fine 500/1

Generally, Tilt Up panels have few imperfections other than fine blowholes that can sometimes be found in greater number on the surface. These are effectively covered with the coarser texture coatings, however, where finer textures are specified blowholes will require patching. This can be achieved by using 500/1 AcraPatch Fine which is a trowel applied acrylic filler for levelling minor irregularities and blemishes of 2 to 3mm. Externally an addition of approximately 10% - 20% clean, fresh Portland cement is required in this mixture.

2

Primer – the key



Dulux AcraTex AcraPrime 501/1

Is roller applied acrylic primer used to consolidate the surface suction of the Tilt Up Concrete and patched areas, as well as providing inter-coat adhesion for following texture coat.

3

Texture Coating – the look & body



Dulux AcraTex 952 Spray On 2mm (texture example as shown)

Typically, Dulux AcraTex 950 Roll On or 952 Spray On finishes are applied. Low profile smooth-fine finishes are perfect for this smooth substrate. The texture coat provides the 'look' or overall appeal (to suit your preference), practical coverage ability (for applicator/painter ease & efficiency), and integrity & flexibility 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.



Texture Systems

Information Sheet

Tilt Up Concrete

Applications

The use of Tilt Up substrate has grown dramatically in popularity, especially for housing, warehouse, factory and shopping complex development. The term Tilt Up is derived simply from the method of construction, eg wall panels that are cast on a horizontal surface that then require lifting, and tilting vertically into their final position.

Description

Tilt-up is a form of precast construction, where panels are built on the ground on site, then lifted and placed by a crane, then propped in position while the roofing structure is installed and the panels are joined. Between each panel a release agent/bond breaker is applied to facilitate separation. On each Tilt Up panel there exists two surfaces, a hand finished trowel face and a cast face from the previous panel. The surface must be inspected to ensure that it is free of dirt, grime, mud and in particular release agents and bond breakers.

Key features/benefits

- Speed of construction
- Safe building method
- Fire resistance

Installation

Building workmanship must comply with relevant building codes and be in accordance with Engineers recommendations for i) concrete cure ii) expansion relief joints at building weak points. Be advised that assumption on the ability of this substrate to support a coating system can lead to costly and embarrassing failure - check and recheck what has been used as a bond breaker and what post treatment the panels have had.

Coating

Depending upon the size of the project, quality of the panels various texture application methods can be used, *Dulux AcraTex 950 Roll-On* for high-rise applications (fast, little roller splatter), *951 Dulux AcraTex Trowel-On* for residential (provides a polished crisp finish) and *952 Spray On* (fast and economical) for Industrial premises.

The benefit about using *Dulux AcraTex* acrylic texture coating is that you have the ability to choose unique finishes complimented with a rich spectrum of colours - from the deepest, boldest colours to the most natural looking neutrals are available, allowing maximum design flexibility and freedom. Refer to the www.acratex.com.au site to view the different texture profiles online. Alternatively samples can be obtained through your architect, builder or trained applicator when selecting your preferred finish.

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 property is possibly the largest investment you will make, so keeping your project in good shape makes sense. As a rule of thumb, get your investment pressure cleaned (including the glazing & 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 an *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/>

Trained Applicator:

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

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