

Dulux AcraTex Acrabond

AUDA1279

Part A	19451619
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Product Overview

DULUX AcraTex AcraBond is a tough 100% pure acrylic add mixture bonding agent for cement renders and concrete mixtures.

Features And Benefits

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| <ul style="list-style-type: none"> • Easy to use • Excellent bonding properties • Controls curing time of Cement based products | <ul style="list-style-type: none"> • Aids in the workability of the mixture and reduces shrinkage. • It is ideal to seal friable areas before cement rendering • It reduces water loss and enhances the curing of cement containing mixtures. |
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Uses And Typical Specifications

Uses	DULUX AcraTex AcraBond increases the tensile strength, flexibility and impact resistance of the mixture to which it is incorporated. It will also reduce the absorption of the mixture on the substrate to which it may be applied as a suction modifier.
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Precautions And Limitations

To ensure colour uniformity and for optimum performance, Dulux recommend a full coating system including a MEMBRANE top coat. For ALL systems the Texture &/or Base Coat should be tinted in accordance with AcraTex Tint Guide to the specified top coat colour (or a colour as close as possible to the specified colour as product and tint rules allow). **IMPORTANT:** Not all colours are suitable for exterior use. This product data sheets is to be read in conjunction with DULUX specification. Ensure that you have adequate tinted stock to complete the job in one application. All material must be thoroughly cross-mix to ensure tint uniformity. It is recommended to hold a volume of finish material for future maintenance touch-ups

Practical spreading rates will vary from quoted theoretical figures depending on substrate porosity, surface roughness, overspray losses, application methods and environmental conditions (e.g. wind).

All preparation and painting must conform to AS2311: The Painting of Buildings

At Commencement of coating system application, to the substrate it shall be deemed that the Applicator has certified that the surface which the coating/s is to be applied to, is fit to receive the specified coating(s) system.

Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point.

Do not apply if the surface temperature is greater than 40°C or below 10°C, or likely to fall below 10°C during the application or drying period.

Dry times apply to a single coat at recommended spread rate and at 25°C and 50% Relative Humidity

Allow longer times under cool, moist, or still conditions and or when applied at high film builds.

Protect from dew, rain and frost for 48 hours when apply at the recommended spread rate.

Avoid application in hot, windy conditions or on hot surfaces cool the surface by hosing with water and paint the cool damp surface.

Application techniques should be adjusted to achieve the recommended DFT and finishing standard.

To avoid "Picture Framing" of texture topcoats "wet on wet" cutting in & coating technique is recommended or apply multiple coats thinning the first coat.

When using Bright Reds, Oranges, Blues and Yellows or where very light (or dark) colours are applied over highly contrasting colours an extra coat maybe required.

The coastal area is considered a marine environment and as such salt potentially can shorten the life of the coating systems. Care needs to be taken to wash down all areas twice. Once to remove surface contaminants, and raise salts to the surface and then secondly to remove these salts. Due to the locality, weather conditions and lag time between applications of the coating system it may require the need to wash again, between coats.

When the Applicator is preparing the site sample for approval he should advise the Project Superintendent if the substrate condition is not of sufficient standard to produce the specified finish.

Where possible avoid dark colours - these will give raise to much higher surface temperature that may cause addition thermal stress and cooling demand to the building envelope and/ or require extra engineering considerations (greater building costs).

Consult Dulux on the potential to use InfraCOOL Heat Reflective Coatings.

A DULUX warranty can be provided on request, when the FULL AcraTex system including a membrane topcoat/s is applied by a DULUX AcraTex trained applicator, according to specification, & at the specified spreading rates, & to the surface preparation details described in the DULUX AcraTex Specification Manual.

The dynamics of the substrate is outside the control of Dulux Australia and as such joint deformation or cracking is excluded from warranty terms.

Colour change is a natural part of a coating weathering and is excluded from warranty terms

Refer warranty document for full terms and conditions.

CEMENT RENDERS PRODUCE FINE CRACKS DURING DRYING AND CONTINUE TO CRACK & MOVE WITH VARIATIONS IN TEMPERATURE.

FOR ENHANCED PERFORMANCE USE A HIGH BUILD ELASTOMERIC (FLEXIBLE) COATING.

DULUX RECOMMENDS THE USE OF DULUX ACRASHIELD ADVANCE.


Fungi and Algae can exist on virtually any surface (even glass) provided the right conditions for growth are met.

Visible growth on painted surfaces is typically caused by contaminants present together with the presence of high enough levels of moisture to support growth. Agents in paints become ineffective where they cannot "touch" the growth source (eg where growth emanates from deposits on the film).

Additionally the active agents are "consumed" in the process such that protection is time limited where conditions support ongoing growth performance is greatly improved with the inclusion of a membrane Top coat like Dulux AcraTex AcraShield Advance, Elastomeric 201 or AcraSkin.

Refer: <http://www.dulux.com.au/specifier/our-brands/dulux-acratex/more-than-just-render>

The exterior texture coatings should be cleaned on a regular basis. This will help maintain your overall aesthetic appearance and preserve your AcraTex Texture coating system. Cleaning once every year will remove light soil as well as grime and airborne pollutants refer Dulux AcraTex Care & Maintenance Guide. Refer <http://www.dulux.com.au/specifier/our-brands/dulux-acratex/acratex-care-and-maintenance>

Typical Properties			
V.O.C Content	< 1	Clean Up	Clean up water
Meets GBCA VOC Requirement?	N/A		
Application Method	 Trowel		
Application Conditions	Solids By Volume	43	
		Min	Max
	Wet Film Per Coat (microns)	0	0
	Dry Film Per Coat (microns)	0	0
	Recoat Time (min)	N/A	NA
	Theoretical Spread Rate (m²/L)	0	0
			Recommended
			0
			0
			0

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> MIXING <p>The water component should be first measured into suitable containers or mixing devices and the powder slowly incorporated during agitation.</p> <p>Approximate water consumption is 3 - 4 Litres to a 20kg bag. Thin bed application requires the addition of 500/4 AcraBond. 2 - 4 mm thick renders: 2 parts AcraBond to 5 parts water 4mm thick renders: 1 part AcraBond to 5 parts water 6mm thick renders: 1 part AcraBond to 8 parts water</p> <p>Renders beyond this thickness do not require the addition of AcraBond, providing the ambient temperature is not too high that it will cause rapid drying. In such conditions wetting or tempering of the freshly applied RenderWall is recommended.</p>
Application Procedure And Equipment	<ul style="list-style-type: none"> Product should be thoroughly mixed before use. Refer to the DULUX AcraTex Application Manual for detailed application instructions. DULUX AcraTex AcraBond is applied to all commonly used masonry substrates to either control excessive surface suction or to act as a bonding agent to very low absorbent surfaces. <p>DULUX AcraTex AcraBond is used as part of the gauging (mixing) water of Portland cement mixture and AcraTex RenderWall especially in thin bed application of 4 - 6mm.</p> <p>TYPICAL USES:</p> <p>Off Form Concrete- bonding agent (low absorption surfaces). Apply a mixture of 1 part AcraBond to 2 parts water followed by a thin bed 4mm coat of RenderWall. Apply a 'Dash or Splash coat' over the AcraBond primed Off Form Concrete for a 5mm + coat(s) of 500/4 RenderWall.</p> <p>High Absorbency Surfaces- (to control excessive suction). Apply a mixture of 1 part AcraBond to 4 parts clean water prior to the application of RenderWall or other cement renders.</p> <p>Dash or Splash Coat- Mix 1part AcraBond to 4 parts clean water , into this solution add 1 part fresh Portland Cement and 2 parts RenderWall. Mix to a pourable slurry consistency. Apply by splashing or spraying to the surface with a 70% coverage .</p> <p>Curing Time Enhancer- Add AcraBond at a rate of 1 part AcraBond to 8 parts water for RenderWall coats that are to be coated with an AcraTex System after 72 hours cure time.</p> <ul style="list-style-type: none"> Used in conjunction with RenderWall and water

Health And Safety			
MSDS Number	DLX002767	Using Safety Precautions	Wear eye protection and appropriate respiratory mask when mixing
MSDS Link	https://go.lupinsys.com/duluxgroup/harms/public/materials/4d461c29f9ac4d3fd3297402b468cfa2-published/individual		
Health Effects	For detailed information refer to the product label and the current Material Safety data Sheet available through Dulux Sales and Customer Service Offices 13 25 25 AUS. For emergencies, please call Australia 1800 220 770 or New Zealand 0800 220 770. Ensure adequate ventilation. Take suitable safety precautions while preparing your surface or sanding a previously coated surface, including wearing an appropriate respiratory mask Health Effects: Splashes to the eye may cause eye irritation.	Flammability	Non Flammable
Storage	Store out of direct Sunlight in a cool area		
In the case of emergency, please call 1800 033 111			

Transport And Storage			
Pack A	19451619	Shipment Name	Not dangerous goods.; No special transport requirements.
Size	15L	Weight	16.7kg



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Please note that this document is only valid for 60 days from the date of issue.

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