AUAC00075 Dulux Acratex Acrabond

Introduction

Part A
19451619

Description and Image

Dulux Acratex Acrabond is a tough 100% pure acrylic add mixture bonding agent for cement renders and concrete mixtures.

Features and Benefits

- Easy to use
- Excellent bonding properties
- Controls curing time of Cement based products
- 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.

Standards And Certifications

NATA Accredited: National Association of Testing Authorities	Certified System: Quality ISO 9001	Certified System: Environment ISO 14001	

Standards and Certifications

For details on these standards and certifications please reference the 'Approvals' section at the beginning of this document.
Please contact your DuluxGroup representative for specific information on ESD credits / points.

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.

Typical Properties

V.O.C. Content
< 1

Clean Up

Clean up water

Application Methods

Trowel

Specifications	Solids by Volume		
	43		
	Min	Max	Recommended
Wet Film Per Coat (microns)	0	0	0
Dry Film Per Coat (microns)	0	0	0
Theoretical Spread Rate (m²/L)	0	0	0

Drying Time

	Min	Max	Recommended
Recoat Time (min/hours)	N/A	NA	

Application Guide

Surface Preparation

Mixing
The water component should be first measured into suitable containers or mixing devices and the powder slowly incorporated during agitation.

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

Renders beyond this thickness do not require the addition of Acrabond, providing the ambient temperature is not to high that it will cause rapid drying. In such conditions wetting or tempering of the freshly applied RenderWall is recommended.

Application Procedure and Equipment

Used in conjugation with RenderWall and water
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.

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.

Typical uses:
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.

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.

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 .

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.

Health and Safety

SDS Number	SDS Link
DLX002767	https://go.lupinsys.com/duluxgroup/harms/public/materials/4d461c29f9ac4d3fd3297402b468cfa2-published/individual

Using Safety Precautions

Wear eye protection and appropriate respiratory mask when mixing

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Precautions and Limitations

This product data sheets shall be read in conjunction with the Dulux specification.
To ensure colour uniformity and for optimum performance, Dulux recommend a full coating system including a Membrane topcoat.
For **all** systems, the Texture &/or Base Coat should be tinted in accordance with Tint Guide to the specified topcoat colour (or a colour as close as possible to the specified colour as product and Acratex tint rules allow).

Important: Not all colours are suitable for exterior use.
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).
- 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.
- 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.

Transport and Storage

Line Shade /Pack A	Shipment Name
19451619	**Not dangerous goods.; No special transport requirements.**

Size:	Weight:
15L	**16.7kg**

Disclaimer

Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from www.duspecplus.com.au. Climatic conditions at application time can affect product suitability and performance.

The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.