

AUAC00134 Dulux Acratex RenderWall AcraBuild Plus

Introduction

Part A
193-85804-20kg

Description and Image

Dulux Acratex RenderWall AcraBuild Plus is a pre blended drymix polymer modified cementitious wall render designed specifically to produce a high quality, even and true surface over brick, block, and Aerated Autoclave Concrete (AAC) block and AAC Panel installed and prepared in accordance with manufactures technical requirements.

Dulux Acratex RenderWall AcraBuild Plus Render is a preparatory base levelling product designed for system use with subsequent Acratex Acrylic Texture Systems.



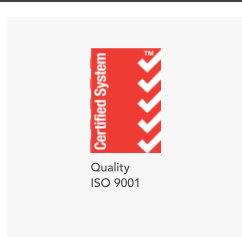
Features and Benefits

- Easy to handle
- Pre-packed
- Good adhesion
- Non Combustible
- Fast, efficient application
- Minimal drying shrinkage
- Produces a high quality, even, true surface to Aerated Autoclave Concrete (AAC) substrates.
- Conforms to AS1530.1 : IGNL-5040-01-02C I01R00

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 RenderWall AcraBuild Plus is formulated for applications from 4-6 mm in single applications or can be applied up to 12 mm thick in multiple applications.

Typical Specifications

Typical System

Title:

Typical System for New Autoclaved Aerated Concrete (AAC) [Exterior]

Preparation Guide

AUAC02657 Dulux Acratex AcraSkin Low Gloss / Coventry Coarse / RenderWall Acrabuild Plus with Joint Mesh on New Autoclaved aerated concrete (AAC) block or panel [Exterior]

Coat	Product	Spread Rate (m ² /L):	WFT (micron):	DFT (micron):
Prep Coat	RenderWall Acrabuild Plus	0.2	6000	6000
Primer	Green Render Sealer	8.0	125	44
Intermediate	951 Coventry Coarse	0.8	1333	1000
1st Coat	968 AcraSkin	4.1	244	125
2nd Coat	968 AcraSkin	4.1	244	125

Minimum System DFT: **7294**

Notes:

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

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.


System Performance Testing Data

Test Result Name:	Test Method:	Unit of Measure:	Result:	Comments:
Combustible Test for Materials	AS1530.1	N/A	Non Combustible	Test Certificate No: IGNL-5040-01-02C I01R00

Performance Guide

Salt N/A	Heat Resistance Up to 60C.
Water Resists rain and condensation when when used in system with Dulux AcraTex Acrylic Texture Systems.	Solvent Sensitive to alcohols, aromatic hydrocarbons, acetone and strong solvents.
Abrasion Resists abrasion when used in system with Dulux AcraTex Acrylic Texture Systems.	Acid N/A
Alkali N/A	

Typical Properties

Clean Up			
Clean up water Clean all equipment with water			
Meets GBCA V.O.C. Requirements? Yes Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.			
Application Methods  Trowel Check the degree of trueness (level) of the surface prior to commencement of application. Badly misaligned surfaces may require work screeds (pre-applied strips of render to set levels to work to) or non corrosive starter beads installed. Application by Hawk & Trowel should occur in 2 passes "wet on wet" • An initial pass of no more than 5mm thickness to fill mortar joints / hollows and generally align • Followed by a leveling pass. Always terminate the RenderWall AcraBuild Plus application above the damp course line. Never bridge damp course			
Specifications	Solids by Volume <input type="text" value="100"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="4000"/>	<input type="text" value="6000"/>	<input type="text" value="6000"/>
Dry Film Per Coat (microns)	<input type="text" value="4000"/>	<input type="text" value="6000"/>	<input type="text" value="6000"/>
Theoretical Spread Rate (m²/L)	<input type="text" value="0.3"/>	<input type="text" value="0.2"/>	<input type="text" value="0.2"/>
Drying Time	Min	Max	Recommended
Recoat Time (min/hours)	<input type="text" value="7-10days"/>	<input type="text" value="Indefinite"/>	<input type="text"/>

Application Guide

Surface Preparation

Refer to the bag label for detailed information

The substrate must be clean, sound masonry. Cement render relies on substrate "suction" for adhesion and subsequently "free moisture" for proper hydration-cure, and therefore masonry surfaces must be absorbent but not so absorbent that they rob water away from the render during early cure stages. Test surface absorption with water - Surfaces must immediately absorb water to become "dark damp" and remain damp. Excessively porous surfaces may require tempering with water or treatment with a dilute AcraBond solution prior to render application to slow the loss of cement hydration moisture.

Application Procedure and Equipment

Product usage Scaling factor = 1.7 kg (dry powder) per sqm per 1mm thick
(eg. a 6mm thick application requires (6 x 1.7) = 10.2 kg per sqm of Dulux Acratex RenderWall AcraBuild Plus powder)

Mixing

- Mix Ratio (approx. 15L mixed Dulux AcraTex RenderWall AcraBuild Plus)
- ! 20kg (1 full bag) of Dulux Acratex RenderWall AcraBuild Plus
- ! Approx 3.5 litres of fresh clean water Refer to below for handling instructions
- ! Measure the water component into a 15L pail and add the powder while mixing with a suitable power Mixing Drill
- ! Allow to stand for 3-5 minutes
- ! Remix and adjust consistency with up to 0.5L additional water (once) relative to application requirement

Health and Safety

SDS Number DLX002683	SDS Link https://go.lupinsys.com/duluxgroup/harms/public/materials/b85e7b08ba133e0814e17569c2d89392-published/individual
Using Safety Precautions Mixed cement pastes are alkaline and can cause skin irritation. Wear rubber gloves and suitable coverage of skin (eg long sleeves) to avoid skin contact. Wear appropriate respiratory/ Dust mask and do not breathe dust or mist	
Please refer to SDS Link. In case of emergency, please call 1800 220 770.	

Precautions and Limitations
<p>This product data sheets shall be read in conjunction with the Dulux specification.</p> <p>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).</p> <p>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</p> <p>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).</p> <ul style="list-style-type: none"> 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. <p>Cleaning once every year will remove light soil as well as grime and airborne pollutants refer Dulux Acratex Care & Maintenance Guide.</p>

Transport and Storage	
Line Shade /Pack A -20kg	Shipment Name Not dangerous goods. No special transport requirements.
Size: <div>20 kg bag</div>	Weight: <div>20 kg</div>

Disclaimer

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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.