AUAC03141 Dulux Acratex RenderWall AcraBuild Coarse

Introduction

Line Shade **193X0384-20KG**	**RenderWall AcraBuild Coarse**

Description and Image

Dulux Acratex RenderWall AcraBuild Coarse is a prepacked cement render supplied in a dry powder form requiring the addition of water and Dulux Acratex AcraBond (relevant to applied thickness and system)
RenderWall Acrabuild Coarse is a off white Non Combustible preparatory base levelling product designed for system use with subsequent Dulux Acratex Acrylic Texture Systems.



Features and Benefits

- Easy to handle
- • Controlled Pre-packed formulation
- • Good adhesion
- • Fast, efficient application
- • Minimal drying shrinkage
- • Produces a high quality, even, true surface to suitable masonry substrates.

Standards And Certifications

Certified System
Quality
ISO 9001

Certified System: Quality ISO 9001

Certified System
Environment
ISO 14001

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

Premium High Build Levelling and Finishing System for new Brick & Blockwork.
Incorporating:
Acratex RenderWall AcraBuild Coarse a Cementitious Render to level irregularities and produces a high quality even surface for absorbent masonry substrates.
Acratex AcraPrime WB for Bagged Render 7-10 days old"
Or use Green Render Sealer which can be applied over 2 day old cement render providing moisture content has stabilised.
Acratex Coventry Coarse is a decorative, low build protective coating displaying excellent resistance to weathering and atmospheric chemicals. The finish will resemble that of a coarse granule render which is sponge floated.
Acratex Acrashield, weather-proofing topcoat, applied by conventional NAP roller to provide a paint like appearance with excellent water impermeability, resistance to mould and mildew, mid build crack bridging performance for long term protection of cement render substrates.

Typical Specifications

Typical System

Title:
Typical Premium Sytem for New Brick and Blockwork

Preparation Guide
Refer full DuSpec+ Specification
AUAC02656 Dulux Acratex AcraShield Advance \Coventry Coarse \ Green Render Sealer \ RenderWall AcraBuild Coarse on New Concrete block, brick, masonry [Exterior]"

Coat	Product	Spread Rate (m²/L):	WFT (micron):	DFT (micron)
Prep Coat	**RenderWall AcraBuild Coarse**	**0.2**	**4000**	**4000**
1st Coat	**Green Render Sealer**	**8**	**125**	**44**
2nd Coat	**Coventry Coarse**	**0.8**	**1333**	**1000**
3rd Coat	**AcraShield Advance**	**6**	**167**	**75**
4th Coat	**956 Acrashield**	**6**	**167**	**75**
			Minimum System DFT:	**5194**

Notes:
Notes:
Dulux Acratex RenderWall is formulated for applications from 4-6 mm in single applications or can be applied up to 10mm thick in multiple applications. It is suitable for application to clean sound masonry substrates including: brick & blockwork, off form concrete, and tilt-up concrete slabs.
RenderWall AcraBuild Coarse 3002 is not designed for application to EPS, XPS, PIR or other Foams.
Whilst one coat of AcraShield will provide adequate protection and resistance to the elements,
Dulux recommends 2 coats applications for even coverage to minimising “cutting in” and “lap mark” effects. Where 2 coats are applied, dilute the first coat with 10% water.
Refer to RenderWall 3002 bag labels for detailed product and application information.
Cement Render is hard and brittle due to the inherent nature of cement. Cement render will develop shrinkage cracks on aging and continues to harden (Hydration process) over its life cycle, further increasing risk of cracking. - Dulux does not recommend low build (conventional) paint finishes over cement render.

Performance Guide

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.

Typical Properties

V.O.C. Content
0

Clean Up
Water

Sizes
20kg

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
Render Pump

Specifications

Solids by Volume: 100

	Min	Max	Recommended
Wet Film Per Coat (microns)	4000	6000	4000
Dry Film Per Coat (microns)	4000	6000	4000
Theoretical Spread Rate (m²/L)	0.25	0.17	0.25

Drying Time

	Min	Max	Recommended
Recoat Time (min/hours)	7-10 days		

Application Guide

Surface Preparation

Surface Preparation
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

Application Procedure and Equipment
Dulux Acratex RenderWall AcraBuild Coarse can be applied by traditional Hawk & Trowel method or via Render Pump in single application from 4-6mm or up to 10mm thick in multiple applications.
Mixing
The water-liquid (gauging liquid) component should be first measured into suitable containers or mixing devices and the powder slowly incorporated during agitation.
Approximate gauging liquid consumption is 3 - 4 Litres to a 20kg bag.
Thin bed applications requires the addition of AcraBond to fresh clean water to make up the gauging liquid.
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 too high that it will cause rapid moisture loss & drying. In such conditions wetting or tempering of the freshly applied RenderWall is recommended.
Notes With the addition of Dulux Acratex AcraBond to Dulux Acratex RenderWall 3002 in accordance with recommendations, the recoat time will be 7 days. 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 RenderWall powder)

Health and Safety

SDS Number	SDS Link
DLX004491	View SDS Link

Using Safety Precautions
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

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

193X0384-20KG

Size:	Weight:
20 KG Bag	**20kg**

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.