

AUAC00004 Dulux Acratex Exsulite Render

Introduction

Part A
194-51961




Description and Image

Dulux Acratex Exsulite Render is a multi-functional, rendering and levelling compound. Formulated on Dulux Acratex 100% pure acrylic binder reinforced with trade silica and a number of special additives which enhances application and curing under a variety of weather conditions. Dulux Acratex Exsulite Render is supplied in a semi-liquid paste, requiring the addition of clean Portland Cement prior to use.

Features and Benefits

- Easy to handle
- 100% water-based acrylic
- Easy to apply
- Mixes with cement
- Excellent adhesion to polystyrene
- Fast, efficient application
- Flexible, minimal shrinkage, easy clean up.
- Gives smooth surface for textured topcoats.
- Forms very durable exterior patching material.
- Hard base coating prior to applying texture coats

Standards And Certifications

 <p>NATA Accredited: National Association of Testing Authorities</p>	 <p>Certified System: Quality ISO 9001</p>	 <p>Certified System: Environment ISO 14001</p>	
---	---	--	--


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 Exsulite Render is principally designed to provide both the adhesive bond between substrate / polystyrene insulation board and as the surface matrix render layer of the Exsulite Coating / Cladding System. Other uses for this product include patching imperfections in masonry substrates. Dulux Acratex Exsulite Render is an ideal leveller (render) of uneven masonry or where a smooth level is required.

Performance Guide	
Salt Resistant to salt spray when topcoated.	Heat Resistance Up to 90C.
Water Resists rain and condensation when topcoated.	Solvent Sensitive to alcohols, aromatic hydrocarbons, acetone and strong solvents.
Abrasion Resists abrasion when topcoated.	Acid Slight softening
Alkali Highly resistant	

Typical Properties			
V.O.C. Content < 7 g/L untinted			
Clean Up Clean all equipment with water after use.			
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			
Specifications	Solids by Volume		
	<input type="text" value="80"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="1250"/>	<input type="text" value="2500"/>	<input type="text" value="1250"/>
Dry Film Per Coat (microns)	<input type="text" value="1000"/>	<input type="text" value="2000"/>	<input type="text" value="1000"/>
Theoretical Spread Rate (m ² /L)	<input type="text" value="0.8"/>	<input type="text" value="0.4"/>	<input type="text" value="0.8"/>
Drying Time	Min	Max	Recommended
Recoat Time (min/hours)	<input type="text" value="24 Hours"/>	<input type="text" value="Indefinite"/>	<input type="text"/>

Application Guide

Surface Preparation

It is the responsibility of the applicator to ensure that the substrate is fit to receive the specified coating system.

Polystyrene Board: Adhesive

Ensure that both the substrate and the board are clean, free of dirt, grime and other contaminants.

Polystyrene Board: Matrix/Leveller

Ensure that all misalignment in the Polystyrene board are sanded flush and that the surface generally is lightly abraded and brushed down to remove all loose particles.

General Masonry Substrate.

Ensure that the surface is clean, sound, free of all dirt, grime and other contaminants.

Application Procedure and Equipment

Trowel or spatula

Mixing

Dulux Acratex Exsulite Render requires the addition of fresh grey Portland cement at the following ratio:- 3 parts Exsulite Render
2 part fresh Portland cement

Note: Ensure thorough mechanical mixing of the two components.

As the adhesive for polystyrene board.

Applied as a bead (30 x 70mm width) around perimeter of each board panel with 3 pads (30 x 100mm diameter) along the centre.

As the matrix reinforcement render.

It is applied to the surface in a layer approximately 1-2mm thick, whilst fresh and wet apply a length of Exsulite Reinforcement Mesh. Using the trowel , smooth out mesh wrinkles. Deliver a further 1mm of Dulux Acratex Exsulite Render to totally embed mesh and subsequently lay off to produce a uniform finish. Areas that have a fair degree of misalignment are best covered with a further application of Dulux Acratex Exsulite Render and Portland cement only.

Pot life

Once mixed with fresh Portland cement the product must be used within 6 hours. Re - tempering to break initial setting of the product is achieved with further mixing only after an hour (dependent on cement and weather conditions). Should you require further water to the mixture - keep this to a minimum.

Coverage rate

Approximately 2kg per 1mm, thickness of made up products.

Curing time

7- 10 Days dependent on weather conditions.

Health and Safety

SDS Number
DLX003083

SDS Link
[View SDS Link](#)

Using Safety Precautions
Wear eye protection.

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 194-51961	Shipment Name Not dangerous goods.; No special transport requirements.
Size: 15 Litre	Weight: 26 Kg

Disclaimer

This Data Sheet is copyright to DuluxGroup (Australia) Pty Ltd and/or DuluxGroup (New Zealand) Pty Ltd (collectively, 'Dulux'). It may not be varied or altered without the prior written consent of Dulux, and if it is, Dulux has no responsibility or liability for those variations.

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.