

AUAC00128 Dulux Acratex AcraGuard

Introduction

Line Shade	Variant
194X0240-15L	AcraGuard Vivid White
194X0241-15L	AcraGuard Deep Tone Base
194X0242-15L	AcraGuard Ultra Deep Tone Base
194X0243-15L	AcraGuard Extra Bright Tone Base

Description and Image

Dulux Acratex AcraGuard is a pigmented, water based 100% acrylic coating that is designed as a self priming top coat to overcoat masonry substrates like Fibre Cement Sheet, Off Form, tilt-up & Pre-cast Concrete it is simple to apply, has extended wet edge, dries to a Matt Finish to reduce the appearance of lap marks and picture framing.



Features and Benefits

- Self Priming
- 10 year warranty
- Water based
- Tintable
- Durable acrylic
- Guaranteed long term exterior durability & water resistance.
- 3 Hour recoat
- Easy, safe and economical clean-up.
- Extensive, colour range.
- Resists pollution, chemical attack and dirt pick-up.

Standards And Certifications

Quality
ISO 9001Environment
ISO 14001Certified System: Quality
ISO 9001Certified 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 AcraGuard (formerly known as AcraTilt) is an easy to use protective topcoat designed for application over New masonry substrates like Fibre Cement Sheet, Precast, Off-form & Tilt-Up Concrete.

It substantially upgrades the overall coating system durability & ensures greater colour consistency, especially over large areas. It significantly improves reduces dirt accumulation, mould and algae growth, pollution and chemical attack especially on high profile textured coatings.

Typical Specifications

Typical System

Title:

Typical System for Tilt-Up Concrete

Preparation Guide

Refer DuSpec

AUAC02427 Dulux Acratex AcraGuard on New Concrete walls - Off Form, Tilt Up, Pre Cast
[Exterior]

Coat	Product	Spread Rate (m ² /L):	WFT (micron):	DFT (micron)
Prep Coat	BondFree Concentrate	42	0	0
1st Coat	AcraGuard	10	100	41
2nd Coat	AcraGuard	10	100	41

Minimum System DFT: **82**

System Performance Testing Data

Test Result Name: Crack Bridging	Test Method: AS 4548.5 Appendix F	Unit of Measure: x DFT	Result: 3.5	Comments: Accommodates crack movement up to 0.28 mm
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Performance Guide	
Salt Resists salt spray.	Heat Resistance Up to 90C (dry).
Water Contributes to outstanding moisture barrier properties of full texture systems.	Solvent Resists alcohol and aliphatic hydrocarbons. Sensitive to other stronger solvents.
Abrasion Very good resistance to abrasion.	Acid Resists dilute acids.
Alkali Resists dilute alkali.	

Typical Properties			
V.O.C. Content			<59g/L
Clean Up			Clean up water. Clean all equipment with water after use.
Application Methods			
 Airless Spray  Brush  Roller			For Best results use a Dulux 18mm Excellence Roller and a yoke roller frame
Specifications		Solids by Volume	
		41.2	
Wet Film Per Coat (microns)		Min	Max
		100	119
Dry Film Per Coat (microns)		41	49
Theoretical Spread Rate (m ² /L)		10	8.5
Drying Time		Recommended	
Recoat Time (min/hours)		Min	Recommended
		3 Hours	indefinite

Application Guide**Surface Preparation**

All surfaces must be thoroughly cleaned and free of all dirt, dust, grease, loose or flaking paint.

Efflorescence or mould on masonry or concrete surfaces must be treated.

Occasionally an apparently sound old paint will lose adhesion when recoated, particularly if the new paint is darker in colour.

To avoid this, check the adhesion of the old paint by cutting an 'X' through a clean area of the film with a sharp blade, press cellulose tape firmly across the cut and rip it off. If the old paint comes off with the tape it should be removed before repainting.

Application Procedure and Equipment**Brush, roller and airless spray**

Product should be thoroughly mixed before use. Refer to the DULUX Acratex Application Manual for detailed instructions.

Dulux Acratex AcraGuard may be applied by brush, roller or airless spray.

A 18mm nap Dulux Excellence roller is recommended with a yoke type roller frame.

Typical Airless Spray set up is: Graco Ultra 500 using 0.012-0.015 spray tip at approx. 1000 psi.

Health and Safety

SDS Number

DLX004558

SDS Link

[View SDS Link](#)

Using Safety Precautions

CONTAINS ISOTHIAZOLINONES. May cause an allergic skin reaction.

When spraying, inhalation of mists may produce respiratory irritation.

Avoid contact with skin and eyes.

Avoid breathing dust, fume, gas, mist, vapour or spray.

Wear overalls, safety shoes, impervious gloves and safety glasses.

Use only in well ventilated areas.

Wash hands after use.

Keep containers closed when not in use

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 194X0240-3	Shipment Name Not dangerous goods.; No special transport requirements.
Size: 15 Litre	Weight: 20.5 Kg

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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.