

AUAC00047 Dulux Acratex Roof Membrane Next Generation Gloss

Introduction

Part A
194 Line




Description and Image

Previously known as Dulux Acratex 962 Roof Membrane
Dulux Acratex 962 Roof Membrane Next Gen is a high build, pigmented, waterbased, 100% acrylic coating available in gloss finish. It is designed to be applied to suitably prepared concrete or metal roofs in need of restoration. It has been especially formulated to make it suitable for the collection of drinking water.

Features and Benefits

- Water Based
- Protective membrane
- Anti-Carbonation properties
- UV Resistant
- Suitable for collection of drinking water
- Solar reflective
- Same day recoat, easy clean up & low odour
- Resists pollution, chemical attack and minimises dirt retention
- 2 coats equivalent to 93cm of concrete cover
- Resists damaging effects from harsh sun
- Formulated for collection of potable drinking water
- Cool Roof colour minimises heat absorption

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>	
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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 962 Roof Membrane Next Gen is used as a protective coating over properly prepared and sealed weathered concrete roof tiles and metal roofs. It provides a durable coating system that ensures high colour consistency, significantly improving washability, reducing dirt accumulation, pollution and chemical attack. Dulux Acratex 962 Roof Membrane is recommended for recoating of weathered concrete roof tiles. It is not recommended for coating of terracotta tiles.

Typical Specifications

Typical System				
Title: AUSA0630 Dulux Acratex 962 Roof Membrane Gloss on New Concrete Tiles				
Preparation Guide Refer to the Full AUSA0630 DuSpec specification for ALL preparation and application details.				
Coat:	Product:	Spread Rate (m ² /L):	WFT (micron):	DFT (micron):
Prep Coat	Prep Treat	12	0	0
1st Coat	Roof Sealer Water Based	8.0	65	20
2nd Coat	Roof Membrane Next Generation	6.0	165	67
3rd Coat	Roof Membrane Next Generation	6.0	165	67
Minimum System DFT: 154				

Performance Guide	
Salt Excellent resistance	Heat Resistance Resistant to 90 degrees celsius
Water Less than 1 gram water transmission over 24 hours per metre squared under 1kPa pressure	Solvent Resists dilute solvent
Abrasion Good resistance	Acid No reaction to 3% hydrochloric acid
Alkali No reaction to 1% caustic solution	

Typical Properties			
V.O.C. Content < 65 g/L			
Clean Up Clean up water Water			
Application Methods  Air Spray			
Specifications	Solids by Volume		
	<input type="text" value="40"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="168"/>	<input type="text" value="200"/>	<input type="text" value="167.5"/>
Dry Film Per Coat (microns)	<input type="text" value="67"/>	<input type="text" value="80"/>	<input type="text" value="67"/>
Theoretical Spread Rate (m ² /L)	<input type="text" value="6"/>	<input type="text" value="5"/>	<input type="text" value="6"/>
Drying Time			
	Min	Max	Recommended
Recoat Time (min/hours)	<input type="text" value="2 hrs"/>	<input type="text" value="indefinite"/>	<input type="text"/>

Application Guide

Surface Preparation

Inspect roof tiles for condition This will determine the required preparation. Replace any cracked, chipped or faulty tiles, and reset any displaced tiles as required.

Where required, remove ridge hips, gables & valleys, rebed and repoint appropriately. Substrate condition must be of consistent density/integrity and not subject to continual wetting or other conditions that may cause premature coating failure.

Treat moss & lichen affected areas with a Dulux Acratex 500/10 Prep Kleen. Allow to dry thoroughly prior to coating.
Alternatively, apply a solution of 20 grams copper sulphate & 70 grams ammonium carbonate to 1 litre of water. Apply liberally and leave for 3-6 days.

High pressure water blast concrete roof at a minimum of 1500 PSI to remove dirt, excess grime, lichen/moss and all other contaminants.

Pressure wash roof area thoroughly after all preparatory work is completed and allow to thoroughly dry.

Note: Ensure all down pipes or water connection points are disconnected prior to commencement of cleaning.

Application Procedure and Equipment

Airless spray

0.0019 - 0.0021 thou Spray Tip

Note: As the surface area of a profiled roof is greater than an equivalent flat roof surface, additional material should be allowed for. Product should be thoroughly mixed before use.

Refer to the Dulux Acratex 962 Application Manual for detailed application instructions.

The Roof Membrane system comprises of substrate cleaning and preparation, use of Dulux Acratex 500/10 PrepTreat to kill all moss and algal and lichen, consolidating sealer, followed by 2 coats (minimum) of Dulux Acratex 962 Roof Membrane.

Sealer coat

Refer to Dulux Acratex 501 Roof Sealer or Roof Primer datasheet

Roof membrane application

Apply the first coat of Dulux Acratex 962 Roof Membrane by airless spray in accordance with Roof Membrane Application Manual.

Apply second coat of Dulux Acratex 962 Roof Membrane in accordance with Roof Membrane specification

Health and Safety

SDS Number

10101

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 Line	Shipment Name Not dangerous goods
Size: 15 Litre	Weight: 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.