

## AUAC00120 Dulux Acratex Roof Membrane Satin

### Introduction

Part A  
**194 Line**

### Description and Image




**Dulux Acratex Roof Membrane Satin** is a high build, pigmented, water based, 100% acrylic coating available in satin finish. It is designed to be applied to suitably prepared concrete or metal roofs in need of restoration.



### Features and Benefits

- Water Based
- Protective Membrane
- UV Resistant
- Attractive Satin Finish
- Suitable for collection of Drinking Water
- Same day recoat, easy clean up & low odour
- Resists pollution, chemical attack and minimises dirt retention
- Resists damaging effects from harsh sun
- Aligns to Factory Coated Steel Gloss level
- Formulated for collection of potable drinking water

### Standards And Certifications

|   |   |  |  |
|---|---|--|--|
|  <p>NATA Accredited:<br/>National Association of<br/>Testing Authorities</p> |  <p>Certified System: Quality<br/>ISO 9001</p> |  <p>Certified System:<br/>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 Roof Membrane Satin 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 wash ability, reducing dirt accumulation, pollution and chemical attack. Dulux Acratex Roof Membrane is recommended for recoating of primed weathered roof tiles.

#### Typical Specifications

##### Typical System

Title:

**AUAC02662 Dulux Acratex Roof Membrane Satin / Roof Primer MX on New Zinalume® [Exterior]**

##### Preparation Guide

Refer to the Full DuSpec specification for all preparation and application details.

| Coat                           | Product                    | Spread Rate (m <sup>2</sup> /L): | WFT (micron): | DFT (micron): |
|--------------------------------|----------------------------|----------------------------------|---------------|---------------|
| <b>1st Coat</b>                | <b>Roof Primer MX</b>      | <b>8.0</b>                       | <b>65</b>     | <b>20</b>     |
| <b>2nd Coat</b>                | <b>Roof Membrane Satin</b> | <b>6.0</b>                       | <b>165</b>    | <b>67</b>     |
| <b>3rd Coat</b>                | <b>Roof Membrane Satin</b> | <b>6.0</b>                       | <b>165</b>    | <b>67</b>     |
| Minimum System DFT: <b>154</b> |                            |                                  |               |               |

#### Performance Guide

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

#### Typical Properties

V.O.C. Content  
**< 65 g/L**

##### Clean Up

Clean up water Water

##### Application Methods



**Air Spray**



**Airless Spray**



**Brush**



**Roller**

##### Specifications

##### Solids by Volume

**40**

##### Min

##### Max

##### Recommended

Wet Film Per Coat (microns)

**168**

**200**

**167.5**

Dry Film Per Coat (microns)

**67**

**80**

**67**

Theoretical Spread Rate (m<sup>2</sup>/L)

**6**

**5**

**6**

|                         |       |            |             |
|-------------------------|-------|------------|-------------|
| Drying Time             |       |            |             |
|                         | Min   | Max        | Recommended |
| Recoat Time (min/hours) | 2 hrs | indefinite |             |

#### 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, re-bed and repoint using Acratex Pointing. 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 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 4000 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 Application Manual for detailed application instructions.

The Roof Membrane system comprises of substrate cleaning and preparation, use of Dulux Acratex Prep Treat to kill all moss and algal and lichen, consolidating sealer, followed by 2 coats (minimum) of Dulux Acratex Roof Membrane Satin.

##### Sealer coat

Refer to Dulux Acratex Roof Sealer WB, Roof Sealer SB. Roof primer Surfacer or Roof Primer datasheet

##### Roof membrane application

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

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

#### Health and Safety

SDS Number

**DLX002827**

SDS Link

<https://go.lupinsys.com/duluxgroup/harms/public/materials/399013e88e0bb548b2520a9718f2745a-published/individual>

Using Safety Precautions

Using Safety Precautions

May cause an allergic skin reaction.

Wear protective gloves/protective clothing including eye/face protection and suitable respirator.

**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:

Weight:

**15 Litre**

**20kg**

#### Further Information

#### CARE & MAINTENANCE GUIDE

#### 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](http://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.