

AUAC00018 Dulux Acratex Roof Sealer SB Clear

Introduction

Part A
194-85752

Description and Image

Dulux Acratex Roof Sealer SB is a solvent based, deep penetrating and consolidating sealer.



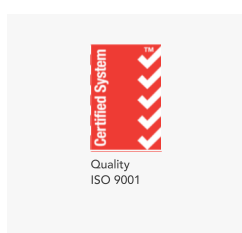
Features and Benefits

- Deep penetrating
- Sealing power
- Solvent power
- Fast dry
- Effective consolidation of powdery substrates
- Unifies substrate porosity to maximise coverage of 962 Roof Membrane
- Bonds with existing concrete tiles
- 4 hour recoat

Standards And Certifications



NATA Accredited:
National Association of
Testing Authorities



Certified System: Quality
ISO 9001



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

Dulux Acratex Roof Sealer SB is used to penetrate, seal and consolidate weathered concrete roof tiles providing an excellent key for Dulux Acratex Roof Membrane. It is designed to provide maximum penetration into porous substrates. It is also suitable for penetration and consolidation of most other masonry substrates.

Typical Specifications

Typical System

Title:

AUAC01616 Dulux Acratex Roof Membrane Next Generation Gloss on New Concrete roof tiles [Exterior]

Preparation Guide

1. If down pipes are connected to rain water tanks disconnect these before the cleaning process starts and ensuring run-off complies with local regulations.
2. Check vents in the ceiling, cover to eliminate water damage by high-pressure water cleaning. Protect adjacent property/vegetation for the entire restoration process.
3. High-pressure water blast concrete at a minimum 4000 PSI to remove dirt, excess grime, lichen, moss and all other contamination.
4. Replace any cracked, chipped or faulty tiles and reset any displaced tiles or ridge capping as required.
5. Replace any faulty valley irons as required.

Coat	Product	Spread Rate (m ² /L):	WFT (micron):	DFT (micron)
Prep Coat	Prep Treat	7.0	100	0
1st Coat	Roof Sealer SB	10.0	100	20
2nd Coat	Roof Membrane Next Generation	5.0	165	66
3rd Coat	Roof Membrane Next Generation	5.0	165	66

Minimum System DFT: **152**

Notes:

Climatic conditions



Roof restoration products must only be applied in air temperatures between 10°C and 30°C. Application in extreme heat, windy conditions, or if rain is threatening within 4 hours of completion should be avoided.

During inclement weather, application should be stopped in sufficient time to allow the product to cure adequately. In some locations around Australia this may be as early as 1 or 2 PM. **Remember**, where the air temperature is around 10°C, a concrete surface temperature can be 5°C. A drop of only 2°C in air temperature at 85% relative humidity is enough to induce the dew point thereby terminating the drying process for acrylic products. Always show a degree of care during winter or inclement conditions.

Useful coating hints

1. Inspect the surrounding environment for potential problems, for instance: Guttering, skylights and transparent fibreglass roofing, all must be masked to avoid over-spray.
2. Consumption of product will vary relative to the substrate absorption, its roughness and profile. Also the method of application will vary the usage. For example, spraying on a windy day will result in loss of product into the air, thus adding to the material usage and job cost.
3. Weather conditions can have a high impact on the time taken on a project. Make adequate provision for inclement weather covering both costs and extension of time. (During winter in colder regions available application hours per day may be reduced.)
4. Connect down pipes to storage tanks after the first 2 rainfalls, preventing dust, debris and surfactant collection.
5. Pay close attention on windy days ensuring paint overspray does not affect customers and neighbouring property ie. Clothes lines, fences and cars.
6. Some products have adverse affects to plant life, eg Prep Treat, so ensure no product is used near plants or grass. Use preventative measures.

Performance Guide	
Salt Excellent resistance	Heat Resistance Resistant to 90 degrees celcius
Water Excellent resistance	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 < 255 g/L untinted			
Clean Up Clean up thinner CR Reducer (965-63020)			
Application Methods  Air Spray  Airless Spray			
Specifications	Solids by Volume		
	20		
	Min	Max	Recommended
Wet Film Per Coat (microns)	100	100	100
Dry Film Per Coat (microns)	20	20	20
Theoretical Spread Rate (m ² /L)	10	10	10
Drying Time	Min	Max	Recommended
Recoat Time (min/hours)	4 Hours	indefinite	

Application Guide

Surface Preparation

System information and equipment

The Roof Membrane system comprises of substrate cleaning and preparation, consolidating sealer, followed by 2 coats (minimum) of Dulux Acratex Roof Membrane Gloss or Satin

Surface preparation: weathered concrete tiles

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. 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 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 tiles at a minimum of 4000 PSI to remove dirt, excess grime, lichen/moss and all other surface contaminants.

Pressure wash roof area thoroughly after all preparatory work is completed and allow to thoroughly dry.
Inspect and confirm complete removal of all surface contaminants.

Application Procedure and Equipment

Airless spray

Note: This material is a penetrating sealer, and as such wet film thickness may vary according to surface porosity. Approximate coverage rates of 8-10 square metres per litre is generally required to adequately seal and consolidate the substrate. As the surface area of a "profiled roof" is greater than 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.

Apply one coat by airless spray of Dulux Acratex Roof Sealer SB at a minimum coverage rate of 10 square metres per litre and allow to dry minimum 4 hours before top coating.

For further details refer to the current version of:

Dulux Acratex Roof Membrane Application Data Sheet
Dulux Acratex Roof Membrane Specification

Health and Safety

SDS Number
DLX001245

SDS Link
[View SDS Link](#)

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

194-85752

Shipment Name

Paints, Flammable Liquid, High Flash Point

Size:

Weight:

15 Litre

14.5 Kg

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.