


Dulux AcraTex Roof Sealer SB Clear

AUDA0476

Part A	194-85752	Image	
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Product Overview

Previously known as DULUX AcraTex 501/4 Roof Sealer
 DULUX AcraTex Roof Sealer Solvend Based is a solvent based, deep penetrating and consolidating sealer.

Features And Benefits

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| <ul style="list-style-type: none"> ▪ Deep penetrating ▪ Sealing power ▪ Solvent power ▪ Fast dry | <ul style="list-style-type: none"> ▪ Effective consolidation of powdery substrates ▪ Unifies substrate porosity to maximise coverage of 962 Roof Membrane ▪ Bonds with existing concrete tiles ▪ 4 hour recoat |
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Uses And Typical Specifications

<p>Uses</p>	<p>DULUX AcraTex Roof Sealer SB is used to penetrate, seal and consolidate weathered concrete roof tiles providing an excellent key for DULUX AcraTex 962 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.</p>																														
<p>Typical Systems</p>	<p>Typical System DULUX AcraTex 962 Roof Membrane Weathered Concrete Roof Tiles AUSA0630</p> <p>Preparation Guide</p> <ol style="list-style-type: none"> 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 3000 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. <table border="1" data-bbox="351 593 1412 757"> <thead> <tr> <th>Coat</th> <th>Product</th> <th>Spread Rate (m²/L)</th> <th>WFT (micron)</th> <th>DFT (micron)</th> </tr> </thead> <tbody> <tr> <td>Prep Coat</td> <td>Prep Treat</td> <td>7.0</td> <td>100</td> <td>0</td> </tr> <tr> <td>1st Coat</td> <td>Roof Sealer SB</td> <td>10.0</td> <td>100</td> <td>20</td> </tr> <tr> <td>2nd Coat</td> <td>962 Roof Membrane</td> <td>5.0</td> <td>165</td> <td>66</td> </tr> <tr> <td>3rd Coat</td> <td>962 Roof Membrane</td> <td>5.0</td> <td>165</td> <td>66</td> </tr> <tr> <td colspan="4" style="text-align: right;">Minimum System DFT</td> <td>152</td> </tr> </tbody> </table> <p>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.</p> <p>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.</p> <p>Useful coating hints</p> <ol style="list-style-type: none"> 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. 	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	962 Roof Membrane	5.0	165	66	3rd Coat	962 Roof Membrane	5.0	165	66	Minimum System DFT				152
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Precautions And Limitations

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 30°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 25oC and 50% Relative Humidity

Protect from dew, rain and frost for 48 hours when apply at the recommended spread rate.

Allow longer times under cool, moist, or still conditions and or when applied at high film builds.

Avoid application in hot, windy conditions or on hot surfaces.

At Commencement of coating system application to the substrate it shall be deemed that the Applicator has certified that the surface which it is to be applied to is fit to receive the specified coating(s) system.

When the Applicator is preparing the site sample for approval he should advise the Project Superintendent if the substrate condition is not of sufficient standard to produce the specified finish.

Where possible avoid dark colours - these will give raise to much higher surface temperature that may cause addition thermal stress and cooling demand to the building envelope and/ or require extra engineering considerations (greater building costs).

Consult Dulux on the potential to use InfraCOOL Heat Reflective Coatings.

The coastal area is considered a marine environment and as such salt potentially can shorten the life of the coating systems. Care needs to be taken to wash down all areas twice. Once to remove surface contaminants, and raise salts to the surface and then secondly to remove these salts. Due to the locality, weather conditions and lag time between applications of the coating system it may require the need to wash again, between coats.

This Data Sheet is to be read in conjunction with a full DULUX system specification.

A DULUX warranty can be provided on request, when a full AcraTex system is applied by a DULUX AcraTex trained applicator, according to specification, & at the specified spreading rates, & to the surface preparation details described in the DULUX AcraTex Specification Manual.

The dynamics of the substrate is outside the control of Dulux Australia and as such joint deformation or cracking is excluded from warranty terms.

Refer warranty document for full terms and conditions.

Recommendations, permissible coverage rates & application temperature must be observed.

DULUX AcraTex 501/4 Roof Sealer must not be applied when rain is anticipated.

Adequate protection must be given against rain and dust to the coating during application.

The integrity of the coating system relies on thorough surface preparation and consolidation of the substrate.


Do not apply AcraTex 501/4 Roof Sealer to damp or wet substrate as penetration will be adversely effected.

Where excessive chalking or friable concrete roof tiles are encountered, additional consolidation coats of DULUX AcraTex 501/4 Roof Sealer may be required.

Performance Guide

Weather	Excellent resistance	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

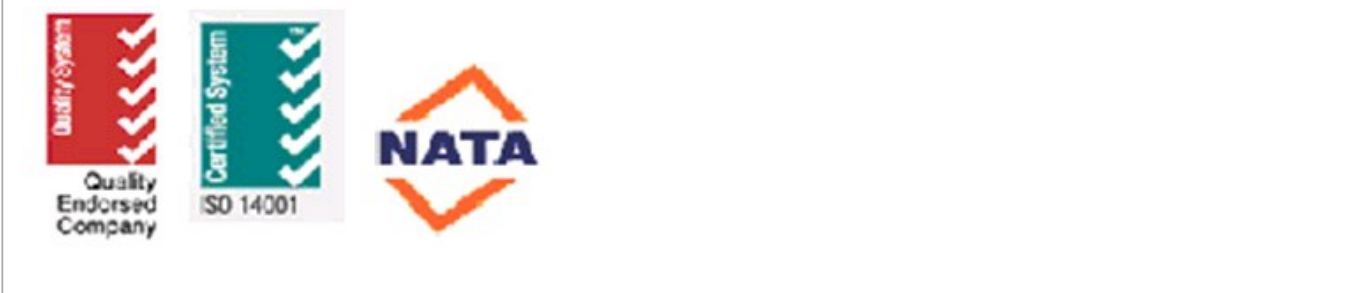
V.O.C Content	< 255 g/L untinted		Clean Up	Clean up thinner CR Reducer (965-63020)
Application Method	 Airless Spray			
Application Conditions	Solids By Volume	20		
		Min	Max	Recommended
	Wet Film Per Coat (microns)	100	100	100
	Dry Film Per Coat (microns)	20	20	20
	Recoat Time (min)	4 Hours	NA	
	Theoretical Spread Rate (m²/L)	10	10	10

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> • SYSTEM INFORMATION AND EQUIPMENT The Roof Membrane system comprises of substrate cleaning and preparation, consolidating sealer, followed by 2 coats (minimum) of DULUX AcraTex 962 Roof Membrane <p>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.</p> <p>Where required remove ridge hips, gables & valleys, rebed 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.</p> <p>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.</p> <p>High pressure water blast concrete roof tiles at a minimum of 3000 PSI to remove dirt, excess grime, lichen/moss and all other surface contaminants.</p> <p>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.</p>
Application Procedure And Equipment	<ul style="list-style-type: none"> • 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 topcoating. For further details refer to the current version of: DULUX AcraTex 962 Roof Membrane Application Data Sheet DULUX AcraTex 962 Roof Membrane Specification

Health And Safety			
MSDS Number	1946	Health Effects	For detailed information refer to product Material Safety Data Sheet available through Dulux Sales and Customer Service offices 132377AUS. For detailed information refer to product Material Safety Data Sheet available through Dulux Sales and Customer Service offices 132377AUS.
Flammability	Highly Flammable	Personal	Avoid repeated or prolonged skin contact and inhaling spray mist. Use in well ventilated areas. Always use overalls, safety shoes, safety glasses and safety gloves.
Storage	0		
In the case of emergency, please call 1800 033 111			

Transport And Storage			
Pack A	194-85752	Shipment Name	Paints, Flammable Liquid, High Flash Point
Size 15 Litre		Weight 14.5 Kg	
Flash Point	26 C	UN Number	1263
Dangerous Goods Class	3.2	Package Group	3

Images



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The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating systems.

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