

RFX Roof Restoration System RFX Tile Seal

AU_DA02185

Part A	203-X0495
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Product Overview

RFX Tile Seal is a water based acrylic primer sealer of Concrete Roof tiles.

Features And Benefits

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| <ul style="list-style-type: none"> • Water based • Excellent adhesion • Fast dry | <ul style="list-style-type: none"> • Easy application, clean up • Foundation for uniform adhesion & durability of Roof Membrane • 2 Hour recoat |
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Uses And Typical Specifications

Uses	RFX Tile Seal is a water based primer used to unify and consolidate correctly prepared concrete roof tiles providing a good key for RFX Roof Renovator. It is designed to condition and even the substrate porosity to provide maximum coverage for RFX Roof Renovator.																													
Typical Systems	<p>Typical System Typical Uncoated Weathered Concrete Roof Tile Preparation Guide Refer pail Instructions.</p> <table border="1"> <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>1st Coat</td> <td>RFX Tile Seal</td> <td>10</td> <td>83</td> <td>25</td> </tr> <tr> <td>2nd Coat</td> <td>RFX Roof Renovator</td> <td>6</td> <td>165</td> <td>66</td> </tr> <tr> <td>3rd Coat</td> <td>RFX Roof Renovator</td> <td>6</td> <td>165</td> <td>66</td> </tr> <tr> <td colspan="4">Minimum System DFT</td> <td>157</td> </tr> </tbody> </table>					Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)	1st Coat	RFX Tile Seal	10	83	25	2nd Coat	RFX Roof Renovator	6	165	66	3rd Coat	RFX Roof Renovator	6	165	66	Minimum System DFT				157
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Precautions And Limitations

RFX Roof Restoration System is designed for professional installation

Recommendations, permissible coverage rates & application temperature must be observed. RFX Tile Seal 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. Where excessive chalking or friable concrete roof tiles are encountered, consolidation of the substrate is essential. Refer to appropriate RFX Roof Renovator system specification.

As the surface area of a profiled roof is greater than an equivalent flat surface, additional material should be allowed for.

All storm water pipes are to be disconnected from the house. No water wash down run off is to enter into the storm water.

Follow all state legislations when working with heights.

To ensure colour uniformity and for optimum performance, Dulux recommend a full coating system including a MEMBRANE top coat.

For ALL systems the Texture &/or Base Coat should be tinted in accordance with AcraTex Tint Guide to the specified top coat colour

(Or a colour as close as possible to the specified colour as product and tint rules allow). IMPORTANT: Not all colours are suitable for exterior use.

This product data sheets is to be read in conjunction with DULUX specification.

Ensure that you have adequate tinted stock to complete the job in one application. All material must be thoroughly cross-mix/ boxed 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).

All preparation and painting must conform to AS2311: The Painting of Buildings

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

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.

Application techniques should be adjusted to achieve the recommended DFT and finishing standard.

When using very light (or dark) colours are applied over highly contrasting colours an extra coat maybe required.

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.

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

Colour change is a natural part of a coating weathering and is excluded from warranty terms. Refer warranty document for full terms and conditions.

Fungi and Algae can exist on virtually any surface (even glass) provided the right conditions for growth are met.

Visible growth on painted surfaces is typically caused by contaminants present together with the presence of high enough levels of moisture to support growth.

Agents in paints become ineffective where they cannot "touch" the growth source (eg where growth emanates from deposits on the film).

Additionally the active agents are "consumed" in the process such that protection is time limited where conditions support ongoing growth.

The Roof 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 Roofs. Refer <http://www.dulux.com.au/media/1420675/roofingcaremaintenanceguide201411.pdf>

SURFACTANT LEACHING FROM EXTERIOR WATER-BASED COATINGS


Occasionally amber, clear or white spots/streaks are seen on a newly painted surface within the first few weeks after application. They usually appear after light rain or overnight dew and generally located in sheltered areas or areas with limited sun exposure. Under normal conditions surfactant contained in the tinted paint colour is slowly leached to the surface and washed away by rain leaving no trace and is a normal part of drying of any exterior water-based paint. Under certain atmospheric conditions and these surfactants leach or migrate to the paint surface, is concentrated forms and leaves clear or white deposits upon drying. These conditions include cool or humid weather or painting cold substrate and in most cases these marks on the wall surfaces are more noticeable on dark colours, such as browns or dark greens, etc..

The clear/white surfactants that have migrated to the wall surface areas will cause no down grading nor performance changes or long term durability concerns of the paint films integrity and unfortunately have become an appearance issue instead.

They easily removed from the paint film within a week or so of their appearance by washing with warm water & commercial grade detergent or via Nifti or Spray'n'Wipe followed by rinsing with fresh clean water.

Under severe conditions they may reappear once or twice until all the surfactant has been removed. It will be less noticeable each time, and can be removed in the same manner as before. Refer http://www.dulux.com.au/pdf/tech-advice/DLX_TECH_Leaching.pdf

Performance Guide			
Weather	Excellent resistance when topcoated	Salt	Excellent resistance when topcoated
Heat Resistance	Resistant up to 90 degrees celcius when topcoated	Water	Excellent resistance when topcoated
Solvent	Resists dilute solvent	Abrasion	N/A
Acid	No reaction to 3% hydrochloric acid	Alkali	No reaction to 1% caustic solution

Typical Properties																											
V.O.C Content	< 10.1 g/L untinted	Clean Up	Clean up water Water																								
Meets GBCA VOC Requirement?	N/A																										
Application Method	 Air Spray																										
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Application Guide	
Surface Preparation	<ul style="list-style-type: none"> SYSTEM INFORMATION AND EQUIPMENT The DULUX AcraTex RFX Restoration System comprises substrate cleaning and preparation, consolidating primer relevant to substrate condition, followed by 2 coats (minimum) of RFX Roof Renovator. SURFACE PREPARATION: SOUND, POWDERY, FRIABLE OR 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, rebed and repaint. Substrate condition must be of consistent density/integrity and not subject to continual wetting or other conditions that may cause premature coating failure. High pressure water blast concrete roof tiles at a minimum of 3500 PSI to remove dirt, excess grime, lichen/moss and all other surface contaminants. Note: Ensure all down pipes or water connection points are disconnected prior to commencement of cleaning. 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. Roof's affected by moss and or lichen should be pretreated with RFX RoofTreat prior to priming.
Application Procedure And Equipment	<ul style="list-style-type: none"> Airless spray recommended, brush or roller suitable for small areas As the surface area of a "profiled roof" is greater than equivalent flat roof surface, additional material should be allowed for. Important: The integrity of the coating system relies on thorough surface preparation and consolidation of the substrate. When servery weathered roof tiles are encountered,RFX TilePrime is recommended in lieu of RFX Tile Seal. Product should be thoroughly mixed before use. <p>Apply one coat RFX RoofTreat allow to dry minimum 2 hours. Apply one coat by airless spray of RFX TileSeal at a minimum coverage rate of 10 square metres per litre and allow to dry minimum 2 hours before applying two top coats of RFX Roof Renovator NOTE: Working at heights All relevant Workcover and local council rules and regulations must be strictly adhered to when working at heights. Any Workcover or local council directives or regultions will supersede any information given in this document</p>

Health And Safety			
MSDS Number	DLX00166		
MSDS Link	https://go.lupinsys.com/duluxgroup/harms/public/materials/64aee2bb64d9037189da656e2956be78-published/individual		
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.	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	203-X0495	Shipment Name	Not dangerous goods; No special transport requirements
Size	15 Litre	Weight	20 Kg
Flash Point	NA	UN Number	NA
Dangerous Goods Class	NA	Package Group	NA



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