

Dulux AcraTex Green Render Sealer

AUDA1582

Part A	19420802
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Product Overview

DULUX AcraTex Green Render Sealer is a Water Based primer/ sealer designed specifically for the preparation of fresh "green" masonry surfaces to minimise unsightly white salts or "efflorescence" migrating through the applied coating system and speed project coating schedules by reducing the traditional concrete/render "Alkalinity passivation" wait period.
AcraTex Green Render Sealer designed to reduce the normal site mixed cement render "28 day / Bagged Render 7-10 days wait cycle"
- Green Render Sealer can be applied over 2 day old cement render providing moisture content has stabilised.

Features And Benefits

- Superior water and alkali resistance
- Seals and Primes masonry surfaces
- Penetrating binder
- Water based,
- Fast track coating
- Ensures good, uniform adhesion of topcoat
- Consolidates masonry surfaces
- Low VOC
- Reduces Scaffolding Hire costs

Uses And Typical Specifications

<p>Uses</p>	<p>Green Render Sealer can be used over all masonry surfaces to provide excellent system adhesion and integrity with long term durability. The primer forms a barrier over alkali substrates limiting the reaction with atmospheric Carbon Dioxide thus reducing the formation of unsightly white deposits or "efflorescence" on the surface typically associated with coating of highly alkaline "Fresh" masonry. The primer allows for reduced substrate curing time prior to coating, thus fast tracking project work and reducing overall project costs and construction time.</p>																																			
<p>Typical Systems</p>	<p>Typical System AUSA4953 Dulux AcraTex for New Brick/Blockwork [Exterior] Preparation Guide REFER AUSA4953 Dulux AcraTex 968 AcraSkin Low Gloss / Dulux AcraTex 951 Coventry Coarse Sand Finish on New Brick/Blockwork [Exterior] for full Preparation Guide.</p> <p>Premium High Build Levelling and Acrylic Texture Finishing System for application over new & uncoated aged Brick work & Block work. Incorporating: AcraTex RenderWall as a Cementitious surface leveling base coat render used to level out brick work & block work irregularities to produce high quality even surface readiness for application of a high acrylic texture finishing system . AcraTex Green Render Sealer (GRS) designed to reduce the normal site mixed cement render "28 day /Bagged Render 7-10 days wait cycle " - Green Render Sealer (GRS) can be applied over 2 day old cement render providing moisture content has stabilised. AcraTex 951 Coventry Coarse is a decorative, low build protective coating displaying excellent resistance to weathering and atmospheric chemicals. The finish will resemble that of a coarse granular render which is sponge floated. AcraTex AcraSkin, weather-proofing topcoat, applied by conventional NAP roller to provide a paint like appearance with excellent water impermeability, resistance to mould and mildew, high build crack bridging performance for long term protection of cement render substrates. Cement Render is hard and brittle due to the inherent nature of cement. Cement render will develop shrinkage cracks on aging and continues to harden (Hydration process) over its life cycle, further increasing risk of cracking. - Dulux does not recommend low build (conventional) paint finishes over cement render. Not for immersion. Refer Dulux Representative for specific project advice relative to site conditions.</p> <table border="1" data-bbox="319 1601 1149 1870"> <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>Renderwall</td> <td>0.3</td> <td>4000</td> <td>4000</td> </tr> <tr> <td>1st Coat</td> <td>Green Render Sealer</td> <td>8</td> <td>125</td> <td>44</td> </tr> <tr> <td>Intermediate</td> <td>951 Coventry Coarse</td> <td>0.8</td> <td>1333</td> <td>1000</td> </tr> <tr> <td>2nd Coat</td> <td>968 AcraSkin</td> <td>3.1</td> <td>322</td> <td>165</td> </tr> <tr> <td>3rd Coat</td> <td>968 AcraSkin</td> <td>3.1</td> <td>322</td> <td>165</td> </tr> <tr> <td colspan="4">Minimum System DFT</td> <td>5374</td> </tr> </tbody> </table> <p>Notes REFER AUSA4953 Dulux AcraTex 968 AcraSkin Low Gloss / Dulux AcraTex 951 Coventry Coarse Sand Finish on New Brick/Blockwork [Exterior] for full details.</p> 	Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)	Prep Coat	Renderwall	0.3	4000	4000	1st Coat	Green Render Sealer	8	125	44	Intermediate	951 Coventry Coarse	0.8	1333	1000	2nd Coat	968 AcraSkin	3.1	322	165	3rd Coat	968 AcraSkin	3.1	322	165	Minimum System DFT				5374
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Precautions And Limitations

DO NOT TINT.

Green Render Sealer's ability to restrict the formation and transition of efflorescence relies on the formation of a continuous "barrier" layer, thus requiring specific attention through the application process to ensuring adequate and consistent cover.

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 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.

To avoid "Picture Framing" of texture topcoats "wet on wet" cutting in & coating technique is recommended or apply multiple coats thinning the first coat.

When using Bright Reds, Oranges, Blues and Yellows or where 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.

A DULUX warranty can be provided on request, when the FULL AcraTex system including a membrane topcoat/s 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.

Colour change is a natural part of a coating weathering and is excluded from warranty terms

Refer warranty document for full terms and conditions.

CEMENT RENDERS PRODUCE FINE CRACKS DURING DRYING AND CONTINUE TO CRACK & MOVE WITH VARIATIONS IN TEMPERATURE.

FOR ENHANCED PERFORMANCE USE A HIGH BUILD ELASTOMERIC (FLEXIBLE) COATING.

DULUX RECOMMENDS THE USE OF DULUX ACRASHIELD ADVANCE.

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 performance is greatly improved with the inclusion of a membrane Top coat like Dulux AcraTex AcraShield Advance, Elastomeric 201 or AcraSkin.

Refer: <http://www.dulux.com.au/specifier/our-brands/dulux-acratex/more-than-just-render>

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. Refer <http://www.dulux.com.au/specifier/our-brands/dulux-acratex/acratex-care-and-maintenance>

Performance Guide

Weather	Excellent - enhances system durability	Salt	Resists migration of soluble salts
Heat Resistance	N/A - not tested	Water	Highly water resistant
Solvent	N/A - Not tested	Abrasion	N/A - not tested
Acid	N/A - not tested	Alkali	Excellent Alkali Resistance - Suitable over "green masonry" after 2 days of idea curing conditions. Under adverse conditions allow 14 days.

Typical Properties																											
V.O.C Content	20	Clean Up	Clean up water DO NOT THIN																								
Application Method	 Air Spray  Airless Spray  Brush  Roller																										
Application Conditions	<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Solids By Volume</td> <td style="text-align: center;">35</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Min</td> <td style="text-align: center;">Max</td> <td style="text-align: center;">Recommended</td> </tr> <tr> <td style="text-align: right;">Wet Film Per Coat (microns)</td> <td style="text-align: center;">125</td> <td style="text-align: center;">125</td> <td style="text-align: center;">125</td> </tr> <tr> <td style="text-align: right;">Dry Film Per Coat (microns)</td> <td style="text-align: center;">43.75</td> <td style="text-align: center;">43.75</td> <td style="text-align: center;">43.75</td> </tr> <tr> <td style="text-align: right;">Recoat Time (min)</td> <td style="text-align: center;">120</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Theoretical Spread Rate (m²/L)</td> <td style="text-align: center;">8</td> <td style="text-align: center;">8</td> <td style="text-align: center;">8</td> </tr> </table>			Solids By Volume	35				Min	Max	Recommended	Wet Film Per Coat (microns)	125	125	125	Dry Film Per Coat (microns)	43.75	43.75	43.75	Recoat Time (min)	120			Theoretical Spread Rate (m ² /L)	8	8	8
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Typical Properties Notes	Brush, Roller and Airless spray Brush and roll at the same time to avoid picture framing. Product should be thoroughly mixed before use. Refer to the DULUX AcraTex Application Manual for detailed instructions. A 10-20mm nap roller is used depending on the type of texture being overcoated. Typical Airless Spray set up is: Graco Ultra 500 using 0.017-0.019 spray tip at approx. 1000 psi.																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> Ensure alkaline surfaces have been aged for at least 2 days. Concrete / Cement Render curing times may require extended curing times dependant on cure conditions. All surfaces must be cured (substrate has reached a stable moisture content), clean, sound and free of all contaminants such as form oils, release agents, mortar splashes, mould and algae. Surface imperfections misalignments and protrusions must be levelled and patched and completely flush to surrounding surfaces. Metal, tie wire, etc. on surface must be removed or treated against corrosion. Application : Refer to the Acratex Texture Coatings Applicators Training Manual for detailed instructions. Green Render Sealer may be applied by airless spray, roller or brush. Applications must form a continuous "barrier" film to maximise efflorescence blocking.
Application Procedure And Equipment	<ul style="list-style-type: none"> Brush, roller and airless spray Brush and roll at the same time to avoid picture framing. Product should be thoroughly mixed before use. Refer to the DULUX AcraTex Application Manual for detailed instructions. A 10-20mm nap roller is used depending on the type of surface profile being overcoated. Typical Airless Spray set up is: Graco Ultra 500 using 0.017-0.019 spray tip at approx. 1000 psi.

Health And Safety			
MSDS Number	00000022632	Using Safety Precautions	Refer Material Safety Data Sheet for full detail. Ensure protection from splashes to exposed skin and eyes. Ensure adequate ventilation.
MSDS Link	https://go.lupinsys.com/duluxgroup/harms/published_materials/fee62a9c4b8013f1e9ea398e9cbbcca2-published		
Health Effects	Refer Material Safety Data Sheet for full detail. NOT classified as Hazardous according to criteria of NOHC.	Flammability	Non Flammable
Protective Equipment	Refer Material Safety Data Sheet for full detail	Storage	Store out of direct sunlight in a cool area.
Disposal	DO NOT pour down drains. Refer local regulation for disposal of water based wastes.		
In the case of emergency, please call 1800 033 111			

Transport And Storage			
Pack A	19420802	Shipment Name	Water Based Paint
Size 15L	Weight 18kg		
Flash Point	N/A	UN Number	N/A
Dangerous Goods Class	N/A	Package Group	N/A



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