

Dulux AcraTex 968 Elastomeric 201 Matt

AUDA0467

Part A	194 Line	Approvals	CONFORMS TO AS4548.1, AS4548.2 : Long Life Coatings for Masonry
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Product Overview
DULUX AcraTex 968 Elastomeric 201 is an extremely weather resistant, highly flexible, water-based acrylic coating that can be applied by nap roller.

Features And Benefits

<ul style="list-style-type: none"> • 10 year warranty • High water tightness • Water based • Resists carbon dioxide • High tensile strength • Improved rheology 	<ul style="list-style-type: none"> • Guaranteed long term exterior durability. • Excellent water resistance and protection. • Easy, safe and economical clean-up. • Ideal repair coating for spalled concrete. • Excellent crack bridging ability. • Low roller splatter.
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Uses And Typical Specifications

Uses	DULUX AcraTex 968 Elastomeric 201 has been developed for use as a façade refurbisher on previously painted external masonry & concrete surfaces. It gives a finish with excellent water resistance & protective properties against moisture ingress, carbonation and surface cracking, at the same time significantly improving the buildings aesthetics. DULUX AcraTex 968 Elastomeric 201 is an ideal system following concrete spalling treatment.																								
Typical Systems	<p>Typical System AUSA2713 Dulux AcraTex 968 Elastomeric 201 Matt on New Brick/Blockwork Preparation Guide Refer Full Spec AUSA2713Dulux AcraTex 968 Elastomeric 201 Matt on New Brick/Blockwork</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>Acraprime Solvent Based</td> <td>10</td> <td>107</td> <td>15</td> </tr> <tr> <td>2nd Coat</td> <td>968 Elastomeric 201</td> <td>4</td> <td>250</td> <td>125</td> </tr> <tr> <td>3rd Coat</td> <td>968 Elastomeric 201</td> <td>4</td> <td>250</td> <td>125</td> </tr> </tbody> </table> <p style="text-align: right;">Minimum System DFT 265</p>					Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)	1st Coat	Acraprime Solvent Based	10	107	15	2nd Coat	968 Elastomeric 201	4	250	125	3rd Coat	968 Elastomeric 201	4	250	125
Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)																					
1st Coat	Acraprime Solvent Based	10	107	15																					
2nd Coat	968 Elastomeric 201	4	250	125																					
3rd Coat	968 Elastomeric 201	4	250	125																					



Precautions And Limitations

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 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>

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'nWipe 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

System Performance Testing Data				
Test Result Name	Test Method	Unit of Measure	Result	Comments
Carbon Dioxide Diffusion	AS 4548.5 Appendix D	cm ² per sec	2.8 x 10 ⁻⁰⁷	Independently Tested Diffusion resistance coefficient (u) = 585000 Equivalent thickness of Concrete (Sc) = 29cm Equivalent air layer thickness (R) = 117m
Chloride Ion Diffusion	AS 4548.5 Appendix E	cm ² per sec	2.0 x 10 ⁻¹³	Independently Tested
Water Vapour	AS 4548.5 Appendix C	g/m ² /24hr	55.7	Independently Tested Vapour Diffusion coefficient of film = 5.6x10 ⁻⁰⁵ cm ² sec Vapour resistance coefficient (u) = 4470 Permeance of film = 2.3x10 ⁻⁰⁷ g/Pasm ² Equivalent air layer thickness (Sd) = 0.9m
Water Transmission	AS 4548.5 Appendix C	g/m ² /24hr/kPa	10.6	Independently Tested
Crack Bridging Ability "B"	AS 4548.5 Appendix F	x Film Build	4.8	Independently Tested Static Test Test Speed of 0.5mm/min Test Temp =23+/-3 degrees
Tensile Strength	AS1145	MPa	5.1	Independently Tested
Elongation	AS 4548.1	%	280	Independently Tested Specimen type 2
Early Fire Hazard	AS 1530.3	0 (best) - 10/20	see comments	Test speed 50mm/min Independently Tested Ignitability 0 Spread of flame 0 Heat evolved 0 Smoke developed 1
Cyclone Testing	ASTM E514	Class A-E	Class E (Highest)	Independently Tested No Water Penetration

Performance Guide			
Weather	Excellent resistance to cracking, flaking and chalking. Crack Bridging is 4.8 times DFT.	Salt	Resists salt spray.
Heat Resistance	Up to 90C (dry). Meets Early Fire Hazard AS 1530.3. Ignitability 0, Spread 0, Heat 0, Smoke 1.	Water	Water Vapour Transmission 55.7 g/24hr/sq.m. Water Transmission 10.6g/24hr/sq.m/kPa.
Solvent	Resists alcohol and aliphatic hydrocarbons. Sensitive to other strong solvents.	Abrasion	Good resistance to abrasion.
Acid	Slightly softening with dilute acids.	Alkali	Slightly softening with dilute alkali.

Typical Properties				
V.O.C Content	< 48.8 g/L untinted		Clean Up	Clean up water Clean all equipment with water.
Application Method	 Air Spray  Brush  Roller			
Application Conditions	Solids By Volume	50		
		Min	Max	Recommended
	Wet Film Per Coat (microns)	250	500	250
	Dry Film Per Coat (microns)	125	250	125
	Recoat Time (min)	2 Hours	Indefinite	
	Theoretical Spread Rate (m²/L)	4	2	4

Application Guide

Surface Preparation	<ul style="list-style-type: none"> All surfaces must be cured, clean, sound and free of all contaminants such as form oils, release agents and mortar splashes. 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. Prime substrate with DULUX AcraTex 501/2 AcraPrime. Ensure that it is cured completely and covers the substrate evenly. Patch with DULUX AcraTex 500 AcraPatch after priming, and then prime using DULUX AcraTex 501/1 AcraPrime.
Application Procedure And Equipment	<ul style="list-style-type: none"> Nap Roller (12mm Rolana optimal), Airless Spray (21 thousand tip minimum). Product should be thoroughly mixed before use. Refer to the DULUX AcraTex Application Manual for detailed application instructions. Nap Roller Finish: Apply using 10 - 20mm Nap roller at 4 sq.m/l Smooth Finish: Apply using airless spray at 4 sq.m/l When cutting in edges, brush and roll at the same time to avoid differences in gloss level. Application on single areas should be completed uninterrupted. All independent tests are available on request.

Health And Safety

MSDS Number	6487	Using Safety Precautions	Wear eye protection and when spraying wear a dust mask
Health Effects	For detailed information refer to product label and the current Material Safety Data sheet available through Dulux Sales and Customer Service Offices 132377 AUS. Health Effects: Splashes to the eye may cause eye irritation. For detailed information refer to product label and the current Material Safety Data sheet available through Dulux Sales and Customer Service Offices 132377 AUS. Health Effects: Splashes to the eye may cause eye irritation.	Personal	When spraying, inhalation of mists may produce respiratory irritation.

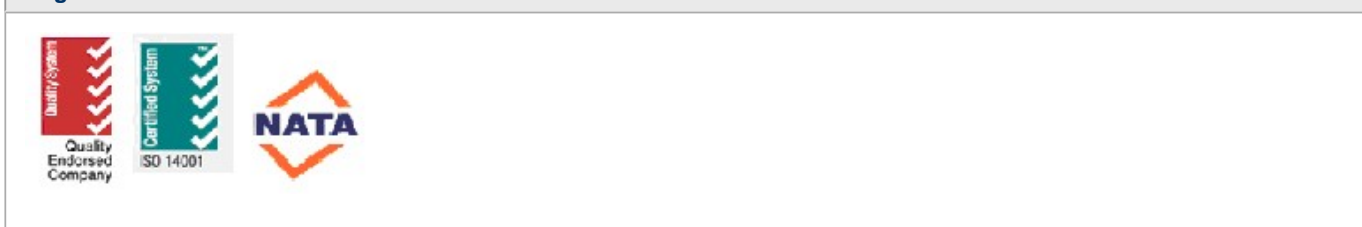
Storage	0
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In the case of emergency, please call 1800 033 111

Transport And Storage

Pack A	194Line	Shipment Name	Not dangerous goods.; No special transport requirements.
Size	15 Litre	Weight	22 Kg
Flash Point	NA	UN Number	NA
Dangerous Goods Class	NA	Package Group	NA

Images



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DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton, Victoria 3168 AU ABN 67 000 049 427