

## Dulux AcraTex 968 Elastomeric 201 Matt

NZDA1035

Part A	194 Line
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### Product Overview

Dulux AcraTex 968 Elastomeric 201 is an extremely weather resistant, highly flexible, water based acrylic coating, that is a technologically advanced version of an elastomeric membrane. It combines the protective performance of a membrane (water resistance, crack-bridging, carbon dioxide diffusion) with the advantages of a decorative paint (ease of application, attractive finish, low roller splatter).

### Features And Benefits

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




<b>Uses</b>	Dulux AcraTex Elastomeric 201 can be used on new and previously painted masonry, concrete, stucco, bricks, block work, precast concrete, off form concrete, glass reinforced concrete, solid plaster, fibre cement sheeting & rendered polystyrene systems. NOTE: Do not use solvent based sealer on a polystyrene surface, use a water based primer. Not suitable for use on roofs.
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### System Performance Testing Data

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

### Performance Guide

<b>Weather</b>	Excellent resistance to cracking, flaking and chalking. Crack bridging is 4.8 times DFT	<b>Salt</b>	Resists salt spray
<b>Heat Resistance</b>	Up to 90C.	<b>Water</b>	Water Vapour Transmission 55.7 g/24hr/sq.m/kPa Water Transmission 10.6 g/24hr/sq.m/kPa
<b>Solvent</b>	Resists alcohol and aliphatic hydrocarbons. Sensitive to other strong solvents.	<b>Abrasion</b>	Good resistance to abrasion. Carbon dioxide resistance; R value 117m, Concrete cover 290mm
<b>Acid</b>	Slightly softens with dilute acids	<b>Alkali</b>	Slightly softens with dilute alkalis

Typical Properties																											
<b>Technology Type</b>	WATERBASED	<b>V.O.C Content</b>	60 g/L																								
<b>Full Cure (25C, 50% R.H)</b>	7 Days	<b>Clean Up</b>	Clean up water Clean all equipment with water																								
<b>Sizes</b>	10 Litre																										
<b>Application Method</b>	 Air Spray  Brush  Roller																										
<b>Application Conditions</b>	<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;"><b>Solids By Volume</b></td> <td style="text-align: center;">50</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Min</b></td> <td style="text-align: center;"><b>Max</b></td> <td style="text-align: center;"><b>Recommended</b></td> </tr> <tr> <td style="text-align: right;"><b>Wet Film Per Coat (microns)</b></td> <td style="text-align: center;">250</td> <td style="text-align: center;">500</td> <td style="text-align: center;">250</td> </tr> <tr> <td style="text-align: right;"><b>Dry Film Per Coat (microns)</b></td> <td style="text-align: center;">125</td> <td style="text-align: center;">250</td> <td style="text-align: center;">125</td> </tr> <tr> <td style="text-align: right;"><b>Recoat Time (min)</b></td> <td style="text-align: center;">2 hours</td> <td style="text-align: center;">Indefinite</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Theoretical Spread Rate (m<sup>2</sup>/L)</b></td> <td style="text-align: center;">4</td> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> </tr> </table>			<b>Solids By Volume</b>	50				<b>Min</b>	<b>Max</b>	<b>Recommended</b>	<b>Wet Film Per Coat (microns)</b>	250	500	250	<b>Dry Film Per Coat (microns)</b>	125	250	125	<b>Recoat Time (min)</b>	2 hours	Indefinite		<b>Theoretical Spread Rate (m<sup>2</sup>/L)</b>	4	2	4
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Application Guide	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>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, patched and completely flush to surrounding surfaces. Metal tie wires, etc on surface must be removed and treated against corrosion. Prime substrate with DULUX AcraPrimer 501/8 HAR Primer or surfaces of powdery nature will require consolidation with DULUX AcraTex AcraPrime 501/2. If using DULUX AcraPrime 501/8 HAR primer, ensure alkaline surfaces have aged (a minimum of 7 days curing, possibly longer depending on conditions). If using a different primer ensure alkaline surfaces have aged for 28 days minimum.</li> </ul>
<b>Application Procedure And Equipment</b>	<ul style="list-style-type: none"> <li>Brush, Roller or Airless Spray</li> <li>Refer to the Dulux AcraTex Application Manual for detailed instructions. Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</li> </ul> <p>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.</p>

Health And Safety			
<b>MSDS Number</b>	6487	<b>Using Safety Precautions</b>	For detailed information refer to the product label and the current Material Safety Data Sheet available through DULUX NZ Sales and Customer Services.
<b>MSDS Link</b>	<a href="http://msds.duluxgroup.com/pdf/shess-en-cds-020-00000006487.pdf">http://msds.duluxgroup.com/pdf/shess-en-cds-020-00000006487.pdf</a>		
<b>Health Effects</b>	Splashes to the eye may cause eye irritation. When spraying, inhalation of mists may produce respiratory irritation.	<b>Protective Equipment</b>	Wear eye protection and when spraying wear a suitable mask.
<b>Disposal</b>	Do not contaminate stormwater with product or product washings. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty paint containers via recycling programmes may differ between local authorities. Check with your local council first.		

**In the case of emergency, please call 0800 734 607**

Precautions And Limitations
<p>Do not apply in temperatures less than 10C or greater than 30C, and protect from frost and rain for the first 24 hours.</p> <p>Avoid application in full sun or hot and windy conditions.</p> <p>A Dulux warranty will be provided confirming protection against flaking, peeling and cracking for a period of 10 years when the full Dulux AcraTex system is applied by a Qualified Contractor, according to the specification and at the specified spread rates and surface preparation details as described in the Dulux AcraTex Specification manual.</p> <p>This product cannot be used on roofs.</p>

Transport And Storage			
<b>Pack A</b>	194 Line	<b>Shipment Name</b>	Not dangerous goods; no special transport requirements.
<b>Size</b> 10 L	<b>Weight</b> 14.6 kg		
<b>Flash Point</b>	NA	<b>UN Number</b>	NA
<b>Dangerous Goods Class</b>	NA	<b>Package Group</b>	NA

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