

## NZAC00062 Dulux Acratex Elastomeric 201 Matt

### Introduction

Part A  
**194 Line**

Approval  
**CONFORMS TO AS4548.1, AS4548.2 : Long Life Coatings for Masonry**

### Description and Image

**Dulux Acratex Elastomeric 201** is an extremely weather resistant, highly flexible, water-based acrylic coating that can be applied by nap roller.

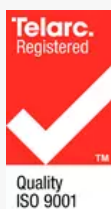
### Features and Benefits

- 10 year warranty
- High water tightness
- Water based
- Resists carbon dioxide
- High tensile strength
- Improved rheology
- 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.

### Standards And Certifications



NATA Accredited:  
National Association of  
Testing Authorities



Certified System: Quality  
ISO 9001



Certified System:  
Environment ISO 14001

### Standards and Certifications

For details on these standards and certifications please reference the 'Approvals' section at the beginning of this document.  
Please contact your DuluxGroup representative for specific information on ESD credits / points.

### Uses

Dulux Acratex 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, carbonisation and surface cracking, at the same time significantly improving the buildings aesthetics.  
Dulux Acratex Elastomeric 201 is an ideal system following concrete spalling treatment.

### Typical Specifications

#### Typical System

Title:

**AUSA2713 Dulux Acratex 968 Elastomeric 201 Matt on New Brick/Blockwork**

Preparation Guide

Refer Full Spec AUAC01720 Dulux Acratex Elastomeric 201 Matt on Painted Cement render [Exterior]





| Coat            | Product                        | Spread Rate (m <sup>2</sup> /L): | WFT (micron): | DFT (micron) |
|-----------------|--------------------------------|----------------------------------|---------------|--------------|
| <b>1st Coat</b> | <b>Acraprime Solvent Based</b> | <b>10</b>                        | <b>107</b>    | <b>15</b>    |
| <b>2nd Coat</b> | <b>968 Elastomeric 201</b>     | <b>4</b>                         | <b>250</b>    | <b>125</b>   |
| <b>3rd Coat</b> | <b>968 Elastomeric 201</b>     | <b>4</b>                         | <b>250</b>    | <b>125</b>   |

Minimum System DFT: **265**

### System Performance Testing Data

| Test Result Name:                 | Test Method:                | Unit of Measure:        | Result:                  | Comments:  |
|-----------------------------------|-----------------------------|-------------------------|--------------------------|--|
| <b>Carbon Dioxide Diffusion</b>   | <b>AS 4548.5 Appendix D</b> | <b>cm2 per sec</b>      | <b>2.8 x 10 -07</b>      | Independently Tested<br>Diffusion resistance coefficient (u) = 585000<br>Equivalent thickness of Concrete (Sc) = 29cm<br>Equivalent air layer thickness (R) = 117m   |
| <b>Chloride Ion Diffusion</b>     | <b>AS 4548.5 Appendix E</b> | <b>cm2 per sec</b>      | <b>2.0 x 10 -13</b>      | Independently Tested   |
| <b>Water Vapour</b>               | <b>AS 4548.5 Appendix C</b> | <b>g/m2/24hr</b>        | <b>55.7</b>              | Independently Tested<br>Vapour Diffusion coefficient of film = 5.6x10-05cm2sec<br>Vapour resistance coefficient (u) = 4470<br>Permeance of film = 2.3x10-07g/Pasm2<br>Equivalent air layer thickness (Sd) = 0.9m |
| <b>Water Transmission</b>         | <b>AS 4548.5 Appendix C</b> | <b>g/m2/24hr/kPa</b>    | <b>10.6</b>              | Independently Tested   |
| <b>Crack Bridging Ability "B"</b> | <b>AS 4548.5 Appendix F</b> | <b>x Film Build</b>     | <b>4.8</b>               | Independently Tested<br>Static Test<br>Test Speed of 0.5mm/min<br>Test Temp =23+/-3 degress  |
| <b>Tensile Strength</b>           | <b>AS1145</b>               | <b>MPa</b>              | <b>5.1</b>               | Independently Tested   |
| <b>Elongation</b>                 | <b>AS 4548.1</b>            | <b>%</b>                | <b>280</b>               | Independently Tested<br>Specimen type 2<br>Test speed 50mm/min   |
| <b>Early Fire Hazard</b>          | <b>AS 1530.3</b>            | <b>0 (best) - 10/20</b> | <b>see comments</b>      | Independently Tested<br>Ignitability 0<br>Spread of flame 0<br>Heat evolved 0<br>Smoke developed 1   |
| <b>Cyclone Testing</b>            | <b>ASTM E514</b>            | <b>Class A-E</b>        | <b>Class E (Highest)</b> | Independently Tested<br>No Water Penetration   |

| Performance Guide   |  |
|---|--|
| Salt<br><b>Resists salt spray.</b>  | Heat Resistance<br><b>Up to 90C (dry).</b><br><b>Meets Early Fire Hazard AS 1530.3. Ignitability 0, Spread 0, Heat 0, Smoke 1.</b> |
| Water<br><b>Water Vapour Transmission 55.7 g/24hr/sq.m.</b><br><b>Water Transmission 10.6g/24hr/sq.m/kPa.</b> | Solvent<br><b>Resists alcohol and aliphatic hydrocarbons.</b><br><b>Sensitive to other strong solvents.</b>                        |
| Abrasion<br><b>Good resistance to abrasion.</b>   | Acid<br><b>Slightly softening with dilute acids.</b>   |
| Alkali<br><b>Slightly softening with dilute alkali.</b>   |  |

| Typical Properties   |                                      |   |                                  |
|--|--------------------------------------|---|----------------------------------|
| V.O.C. Content<br><b>&lt; 48.8 g/L untinted</b>  |                                      |   |                                  |
| Clean Up<br>Clean up water Clean all equipment with water.   |                                      |   |                                  |
| Application Methods<br><div>  <b>Air Spray</b>  <b>Airless Spray</b>  <b>Brush</b>  <b>Roller</b> </div> |                                      |   |                                  |
| Specifications   | Solids by Volume                     |   |                                  |
|  | <input type="text" value="50"/>      |   |                                  |
|  | Min                                  | Max                                     | Recommended                      |
| Wet Film Per Coat (microns)  | <input type="text" value="250"/>     | <input type="text" value="500"/>        | <input type="text" value="250"/> |
| Dry Film Per Coat (microns)  | <input type="text" value="125"/>     | <input type="text" value="250"/>        | <input type="text" value="125"/> |
| Theoretical Spread Rate (m <sup>2</sup> /L)  | <input type="text" value="4"/>       | <input type="text" value="2"/>          | <input type="text" value="4"/>   |
| Drying Time  |                                      |   |                                  |
|  | Min                                  | Max                                     | Recommended                      |
| Recoat Time (min/hours)  | <input type="text" value="2 Hours"/> | <input type="text" value="Indefinite"/> | <input type="text"/>             |

## Application Guide

### Surface Preparation

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 AcraPrime SB. Ensure that it is cured completely and covers the substrate evenly.  
Patch with Dulux Acratex AcraPatch after priming, and then prime using Dulux Acratex AcraPrime WB.

### Application Procedure and Equipment

#### **Nap Roller (12mm Rolana optimal), Airless Spray (21 thousand tip minimum).**

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.

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

## Health and Safety

SDS Number  
**DLX003112**

SDS Link  
[View SDS Link](#)

### Using Safety Precautions

Wear eye protection and when spraying wear a dust mask

**Please refer to SDS Link. In case of emergency, please call 0800 220 770.**

## Precautions and Limitations

### **This product data sheets shall be read in conjunction with the Dulux specification.**

To ensure colour uniformity and for optimum performance, Dulux recommend a full coating system including a Membrane topcoat.

For **all** systems, the Texture &/or Base Coat should be tinted in accordance with Tint Guide to the specified topcoat colour (or a colour as close as possible to the specified colour as product and Acratex tint rules allow).

**Important:** Not all colours are suitable for exterior use.

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).

- 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.
- 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.

| Transport and Storage                  |  |
|--|--|
| Line Shade /Pack A<br><b>194-85670</b> | Shipment Name<br><b>Not dangerous goods.; No special transport requirements.</b> |
| Size:<br><b>15 Litre</b>               | Weight:<br><b>22 Kg</b>  |

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Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from [www.duspecplus.co.nz](http://www.duspecplus.co.nz). Climatic conditions at application time can affect product suitability and performance.

The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.