

AUAC00037 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

 <p>NATA Accredited: National Association of Testing Authorities</p>	 <p>Certified System: Quality ISO 9001</p>	 <p>Certified System: Environment ISO 14001</p>	
---	---	--	--

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 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
Minimum System DFT: 265				

System Performance Testing Data				
Test Result Name:	Test Method:	Unit of Measure:	Result:	Comments:
Carbon Dioxide Diffusion	AS 4548.5 Appendix D	cm² 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	cm² per sec	2.0 x 10⁻¹³	Independently Tested
Water Vapour	AS 4548.5 Appendix C	g/m²/24hr	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/m²/24hr/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 degress
Tensile Strength	AS1145	MPa	5.1	Independently Tested
Elongation	AS 4548.1	%	280	Independently Tested Specimen type 2 Test speed 50mm/min
Early Fire Hazard	AS 1530.3	0 (best) - 10/20	see comments	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	
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 Methods

 Air Spray  Airless Spray  Brush  Roller

Specifications

Solids by Volume

50

Min

Max

Recommended

Wet Film Per Coat (microns)

250

500

250

Dry Film Per Coat (microns)

125

250

125

Theoretical Spread Rate (m²/L)

4

2

4

Drying Time

Min

Max

Recommended

Recoat Time (min/hours)

2 Hours

Indefinite

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

<https://go.lupinsys.com/duluxgroup/harms/public/materials/3c8bb9f28239cf735c4e49d35e4b8d9a-published/individual>

Using Safety Precautions

Wear eye protection and when spraying wear a dust mask

Please refer to [SDS Link](#). In case of emergency, please call 1800 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

194-85670

Shipment Name

Not dangerous goods.; No special transport requirements.

Size:

Weight:

15 Litre

22 Kg

Disclaimer

This Data Sheet is copyright to DuluxGroup (Australia) Pty Ltd and/or DuluxGroup (New Zealand) Pty Ltd (collectively, 'Dulux'). It may not be varied or altered without the prior written consent of Dulux, and if it is, Dulux has no responsibility or liability for those variations.

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.com.au. 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 4361 Parts 1 and 2 and Worksafe Australia guidelines.