

NZAC00702 Dulux Acratex 968 Elastomeric 201 Matt on Painted Masonry [Exterior]

Scope of Works

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).

Substrate and Substrate Preparation

Substrate Notes

This is a generic masonry and cementitious substrate. It includes concrete block substrates. The following substrates are excluded: Precast, Tilt-up and Off-form, Concrete Flooring, Roof Tiles and Cement Render. Other specialty masonry or cementitious substrates may also not be covered by this substrate.

BRICK

Bricks are predominantly kiln-fired clay, which can be glazed or unglazed. The glazing on glazed bricks should be ground or scabbled to improve adhesion of the coating system. Brickwork is often raked, so rendering requires much more material than face-laid brickwork. The surface must be clean and sound, free of dirt, grime, mould, fungus, stains, powdery mortar smears and all other contaminants. The surface should be examined to determine if it has been laid to specification (flush jointed or face laid) and that the surface variation is within acceptable tolerances. If applying a texture coating, the degree to which the texture coating camouflages flush walls depends on how flush the substrate has been constructed.

BLOCKWORK

Blockwork is largely cement based and highly porous, and usually flush-laid. The surface should be examined to determine if it has been laid to specification (flush jointed or face laid) and that the surface variation is within acceptable tolerances. The degree to which texture coatings camouflage flush walls depends on how flush the substrate has been constructed.

AUTOCLAVED AERATED CONCRETE (AAC)

AAC is manufactured from sand, lime and cement, to which is added water and aluminium paste. After mixing, the cement slurry is poured into moulds. The aluminium paste reacts with the alkaline elements in the mixture and forms hydrogen gas. This liberated gas expands the mixture forming extremely small finely dispersed air spaces. The product is removed from the mould after a few hours, cut to the required dimension and finally cured under pressure in a steam autoclave.

AAC Block Wall Systems are (typically) load-bearing external wall solutions for homes as an alternative to traditional double brick construction. Blocks are glued together (thin bed) using AAC Manufacturer's adhesive to a design standard of providing a level, fully filled joint.

AAC Panel is (typically) a 50 or 75mm panel of Autoclaved Aerated Concrete (AAC) with corrosion protected steel reinforcement embedded during production. This lightweight, yet solid masonry panel is designed for external cladding in timber or steel frame construction. Panels are glued together (thin bed) using AAC Manufacturer's adhesive to a design standard of providing a level, fully filled joint.

Substrate Preparation Notes

ASSESS SUITABILITY

Inspect to determine the degree of deterioration of existing coatings. Identification of the existing coating is also very helpful in determining the repaint system. Check coating adhesion using the cross-cut adhesion test, carried out in various locations.

REMOVE SURFACE CONTAMINANTS

Clean to remove all dirt, dust, efflorescence, laitance, powdery surfaces, mould and all other surface contaminants by using a suitable cleaning agent, such as Dulux Prep Wash and rinsing/water blasting clean with water. Water blasting will also give a good indication as to the coatings integrity. Efflorescence may also be removed with an acid treatment, followed by washing down the surface with water.

REPAIR SURFACE IMPERFECTIONS

Prepare all areas that have poor adhesion, cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing, grit blasting, burning off or chemical stripping as appropriate, to leave a clean surface. Feather edges of the surrounding sound paint to completely remove visual ridges and wash/dust off to remove debris. Any major design faults leading to structural failure must be corrected prior to repainting. Use an acrylic based patching compound with the addition of 10-20% fresh Portland cement to patch any surface defects.

SANDING

Sand the entire cleaned coating to an even flat gloss level to provide a smooth, even surface and to provide a good key for the new coating system to adhere to. Ensure all sanding dust is removed prior to continuing.

PRIME

Spot prime any exposed areas with a suitable water based primer. If a specialized, penetrating solvent based primer is required, use Dulux AcraTex 501/2 AcraPrime solvent based primer.

ADDITIONAL NOTES:

- Ensure all previously painted enamel finishes are thoroughly abraded to ensure adequate adhesion of subsequent coating system.

Coating System Summary

- 1st Coat Dulux PREP WASH
- Spot Primer Dulux Acratex Acra-Prime 501/1 Water Based
- 2nd Coat Dulux Acratex 968 Elastomeric 201 Matt
- 3rd Coat Dulux Acratex 968 Elastomeric 201 Matt

Coating System

1st Coat — Dulux PREP WASH

Coat Type 1st Coat	Datasheet NZDU00398 Dulux PREP WASH
------------------------------	---

Read the full Datasheet details at [Dulux PREP WASH](#)

Application Methods



Brush

Broom Garden sprayer

	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text" value="6"/>	<input type="text" value="12"/>	<input type="text"/>
Recoat Time **	<input type="text" value="n/a"/>	<input type="text" value="n/a"/>	<input type="text" value="n/a"/>

Meets ECNZ V.O.C. Requirements?

Not Applicable

Coating Application Details

Apply by broom or brush. Or by garden sprayer.

1. Add one part Dulux Prep Wash concentrate to one part water in a clean plastic bucket and mix well.
2. Test on a small inconspicuous area at recommended dilution to determine effectiveness and strength required.
3. Apply diluted Dulux Prep Wash solution to walls/roof/trim with a broom/brush or garden sprayer. Leave the solution on the surface until mould and mildew stains disappear or soften (approximately 10 minutes), avoiding allowing the solution to dry out. Scrub vigorously.
4. Rinse off the surface with water using a high pressure or garden hose and allow surface to dry. Surface may be slippery while wet (roof). Stubborn stains may require longer time, more vigorous scrubbing, or additional treatment. Severely stained surfaces may need a power washer, or treatment with undiluted Dulux Prep Wash concentrate.

SDS Number 000000022880	SDS Link View SDS Link
-----------------------------------	---

Spot Primer — Dulux Acratex Acra-Prime 501/1 Water Based

Coat Type Spot Primer	Datasheet NZAC00211 Dulux Acratex Acra-Prime 501/1 Water Based
---------------------------------	--

Read the full Datasheet details at [Dulux Acratex Acra-Prime 501/1 Water Based](#)

Application Methods



Air Spray



Airless Spray



Brush






Roller




	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text" value="10"/>	<input type="text" value="5"/>	<input type="text" value="10"/>
Wet Film Per Coat (microns)	<input type="text" value="65"/>	<input type="text" value="130"/>	<input type="text" value="65"/>
Dry Film Per Coat (microns)	<input type="text" value="20"/>	<input type="text" value="40"/>	<input type="text" value="20"/>

Recoat Time **	2 Hours	NA	
V.O.C. Level < 5g/L	Meets ECNZ V.O.C. Requirements? Not Applicable		
Coating Application Details Brush, roller, conventional or airless spray. Refer to the DULUX AcraTex Applicators Training Manual for detailed instructions. Typical airless set-up: Wagner PS 24 using 411-413 spray tip at approx. 1000 psi.			
SDS Number 14557202	SDS Link View SDS Link		

2nd Coat — Dulux Acratex 968 Elastomeric 201 Matt

Coat Type 2nd Coat		Datasheet NZAC00215 Dulux Acratex 968 Elastomeric 201 Matt	
Read the full Datasheet details at Dulux Acratex 968 Elastomeric 201 Matt			
Application Methods			
<div><div> Airless Spray</div><div> Brush</div><div> Roller</div></div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	4	2	4
Wet Film Per Coat (microns)	250	500	250
Dry Film Per Coat (microns)	125	250	125
Recoat Time **	2 hours	Indefinite	
V.O.C. Level 60 g/L		Meets ECNZ V.O.C. Requirements? Not Applicable	
Coating Application Details Brush, Roller or Airless Spray 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. 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.			
SDS Number 6487		SDS Link View SDS Link	

3rd Coat — Dulux Acratex 968 Elastomeric 201 Matt

Coat Type 3rd Coat	Datasheet NZAC00215 Dulux Acratex 968 Elastomeric 201 Matt		
Read the full Datasheet details at Dulux Acratex 968 Elastomeric 201 Matt			
Application Methods			
<div><div> Airless Spray</div><div> Brush</div><div> Roller</div></div>			
	Min	Max	Recommended

Theoretical Spread Rate (m²/L)	4	2	4
Wet Film Per Coat (microns)	250	500	250
Dry Film Per Coat (microns)	125	250	125
Recoat Time **	2 hours	Indefinite	
V.O.C. Level 60 g/L	Meets ECNZ V.O.C. Requirements? Not Applicable		
Coating Application Details Brush, Roller or Airless Spray 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. 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.			
SDS Number 6487	SDS Link View SDS Link		
Coating System Notes * Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.			

Disclaimer

This Specification 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 Duspec+ document does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Duspec+ 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 Duspec+ document, 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 Duspec+ document, and as recommended on the applicable Dulux Product Data Sheet and Safety Data Sheets for the relevant products (available from www.duspecplus.co.nz). Climatic conditions at application time can affect Duspec+ documentation suitability and product 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 Specification 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.