

## NZAC00687 Dulux Acratex 968 Elastomeric 201 Matt on Painted Precast, Tilt-up and Off Form Concrete [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

For other masonry and cementitious substrates (such as concrete block) please use the Masonry substrate.

#### OFF FORM CONCRETE

Off-form Concrete is produced by placing suitable forms and shoring to hold the wet concrete into the required shape. Reinforcements are placed within or on the formwork to give concrete its strength. Once the formwork and shoring are removed the result is the off form concrete.

#### TILT UP

Tilt-up concrete is derived simply from the method of construction, wall panels are cast on a horizontal surface that then require lifting, and tilting vertically into their final position. Construction is commenced with the laying of the structures foundation and floor slab, wall panels are then cast on the floor one on top of each other in a stack arrangement.

#### PRE-CAST

Pre-Cast concrete are concrete panels that are cast on horizontal vibrating beds that are then cured in racks that are delivered to site that then require lifting, and positioned into their final position.

#### 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, unless a more penetrating solvent based primer is required.

##### 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 <a href="#">Dulux PREP WASH</a>			
Application Methods			
 <b>Brush</b> <b>Broom Garden sprayer</b>			
	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /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? <b>Not Applicable</b>			
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 <b>000000022880</b>	SDS Link <a href="#">View SDS Link</a>		
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 <a href="#">Dulux Acratex Acra-Prime 501/1 Water Based</a>			
Application Methods			
 <b>Air Spray</b>  <b>Airless Spray</b>  <b>Brush</b>  <b>Roller</b>			
	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /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 **	<input type="text" value="2 Hours"/>	<input type="text" value="NA"/>	<input type="text"/>
V.O.C. Level <b>&lt; 5g/L</b>	Meets ECNZ V.O.C. Requirements? <b>Not Applicable</b>		
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



**Airless Spray**



**Brush**



**Roller**

	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /L)	<b>4</b>	<b>2</b>	<b>4</b>
Wet Film Per Coat (microns)	<b>250</b>	<b>500</b>	<b>250</b>
Dry Film Per Coat (microns)	<b>125</b>	<b>250</b>	<b>125</b>
Recoat Time **	<b>2 hours</b>	<b>Indefinite</b>	

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



**Airless Spray**



**Brush**



**Roller**

	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /L)	<b>4</b>	<b>2</b>	<b>4</b>
Wet Film Per Coat (microns)	<b>250</b>	<b>500</b>	<b>250</b>
Dry Film Per Coat (microns)	<b>125</b>	<b>250</b>	<b>125</b>

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 <a href="#">View SDS Link</a>		
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.			

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**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.