NZAC00647 Dulux Acratex 968 Elastomeric 201 Matt on Painted Cement render [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

Cement render / pre-mixed render

Cement render

Cement Render is a substrate produced by mixing sand and cement that is applied to a surface, usually block-work and brick. Subsequently finished by screeding, floating or sponging to give an even finish.

Pre-mixed render

Premixed renders are stringently formulated based wall renders that are polymer modified. They are supplied in a dry powder form usually 20kg bags which only require the addition of water to produce a mortar paste that exhibits minimal drying shrinkage and good adhesion to clean masonry substrates.

NOTE: Both cement render and premixed renders will produce fine cracks during the drying period. These cracks will open and close as weather conditions change.

Renders require a minimum 28 days curing at 25°c & 50% relative humidity before coating.

Substrate Preparation Notes

PCE007 - NEW CEMENT RENDER / PRE MIXED RENDER
ASSESS SUITABILITY
Inspect to determine the degree of deterioration of existing coatings. Check coating adhesion using the cross-hatch test.as per AS 1580.408.4-1993 : Paints and related materials - Methods of test - Adhesion (cross-cut)
CLEAN SURFACE
Clean to remove all dirt, dust, efflorescence, laitance, powdery surfaces and all other surface contaminants by using a suitable cleaning agent and rinsing / water blasting clean with water. 1500 2500 PSI water blast Treat mould with an appropriate mould treatment after the substrate has been pressure washed, leave for 24hours prior to coating. Efflorescence should be wire brushed clean.
REPAIR SURFACE IMPERFECTIONS
Prepare all areas that have poor adhesion, cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing or grit blast to leave a clean surface. as appropriate. 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 of the plaster coating must be corrected prior to repainting. For cracked plaster which is sound but has cracks > 1mm rake out and fill with Sikadur 31 a two pot expoxy filler which is applied into the crack with a spatula and finish flush with the sound surface, once cured a coat of suitable cement based render can be applied over the repaired area and feather edged on to the existing coating.
SANDING
Sand the entire cleaned substrate 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.
PRIME
Prime any bare areas with a suitable deep penetrating primer

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	Datasheet
1st Coat	**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 (m²/L)	6	12	
Recoat Time **	n/a	n/a	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	SDS Link
000000022880	**View SDS Link**

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

Coat Type	Datasheet
Spot Primer	**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 (m²/L)	10	5	10
Wet Film Per Coat (microns)	65	130	65
Dry Film Per Coat (microns)	20	40	20
Recoat Time **	2 Hours	NA	

V.O.C. Level	Meets ECNZ V.O.C. Requirements?
< 5g/L	**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	SDS Link
14557202	**View SDS Link**

2nd Coat — Dulux Acratex 968 Elastomeric 201 Matt

Coat Type	Datasheet
2nd Coat	**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 (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	Meets ECNZ V.O.C. Requirements?
60 g/L	**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 uniterrupted.
All independent tests are available on request.

SDS Number	SDS Link
6487	**View SDS Link**

3rd Coat — Dulux Acratex 968 Elastomeric 201 Matt

Coat Type	Datasheet
3rd Coat	**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 (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 uniterrupted.
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.