NZAC00691 Dulux Acratex 968 Elastomeric 201 Matt on New 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
Concrete, mortar and cement based products need to be fully cured for at least 28 days before painting, unless using Dulux AcraTex HAR primer.

PREPARE SURFACE
Remove any powdery layers, laitance, efflorescence and protrusions of mortar by detergent cleaning, wire brushing, water blasting or a suitable chemical treatment.

CLEAN
Clean the surface thoroughly by water blasting or detergent cleaning, where a commercial cleaner is added to hot or cold water and surface is washed / scrubbed thoroughly with a stiff bristle broom and then rinsed clean with fresh water. This may need to be repeated on extremely dirty surfaces to ensure removal of efflorescence or other poorly bonded surface material. Ensure that the surface is dry, clean and free from dust. Efflorescence may also be removed with an acid treatment, followed by washing down the surface with water.

REPAIR SURFACE IMPERFECTIONS
Fill any cracks or surface imperfections with a suitable filler or patching compound.

RENDERING OF NEW BRICK/ BLOCKWORK & MASONRY
Refer to Dulux AcraTex Texture coatings for suitable levelling and texture systems.

Coating System Summary

- 1st Coat — Dulux Acratex Green Render Sealer
- 2nd Coat — Dulux Acratex 968 Elastomeric 201 Matt
- 3rd Coat — Dulux Acratex 968 Elastomeric 201 Matt

Coating System

1st Coat — Dulux Acratex Green Render Sealer

Coat Type	Datasheet
1st Coat	**NZAC00038 Dulux Acratex Green Render Sealer**

Read the full Datasheet details at Dulux Acratex Green Render Sealer

Application Methods

Air Spray **Airless Spray** **Brush** **Roller**

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	8	7	8
Wet Film Per Coat (microns)	126	143	126
Dry Film Per Coat (microns)	44	50	44
Recoat Time **	4 hours	4 hours	4 hours

V.O.C. Level
20 g/L

Meets ECNZ V.O.C. Requirements?
Yes

Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.

Coating Application Details

Brush, roller and airless spray
Brush and roll at the same time to avoid picture framing.

Product should be thoroughly mixed before use. Refer to the Dulux Acratex Application Manual for detailed instructions.
A 10-20mm nap roller is used depending on the type of surface profile being overcoated.

Typical Airless Spray set up is: Graco Ultra 500 using 0.017-0.019 spray tip at approx. 1000 psi.

SDS Number	SDS Link
DLX002555	**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
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

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 (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.
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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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