NZDU02488 Dulux Wash & Wear 101 Semi Gloss on New Fibrious plaster [Interior]

Scope of Works

Dulux Wash & Wear 101 has Barrier Technology™, which creates a super tough acrylic finish that allows you to wipe away most common marks and stains with a wet cloth. Dulux Wash & Wear Semi Gloss is low odour and low VOC.

Substrate and Substrate Preparation

Substrate Notes

FIBROUS PLASTER, SET PLASTER
White plaster is the main ingredient in set plaster, fibrous plaster and other similar materials. They are generally used for interior ceilings and walls.
Fibrous or set plaster should be inspected for fine surface cracks, uneven trowelling, large cracks and air bubbles. The surface should also be examined for excessive moisture, especially around jointing, scrimmed, powdery, weak or "drummy" areas. Jointed areas using added lime should be checked for alkalinity.

Substrate Preparation Notes

ENSURE DRY SUBSTRATE
Allow set plaster substrates to fully cure and dry.

REPAIR SURFACE IMPEFECTIONS
Fill cracks and surface imperfections with patching plaster or a ready mixed filler. Any gaps resulting from structural movement should be filled with a flexible gap sealant. Sand to a smooth finish as required. Ensure the level of finish is suitable for the coating sheen level and level of critical light – if a higher gloss is used in a harsh critical light environment then prepare to a level 5 finish.

CLEAN
Ensure surface is clean and free from dust.

PRIME
Prime the substrate with a suitable solvent based primer, such as Dulux 1 Step Oil Based primer or Dulux Prepcoat Sealer Binder.

ADDITIONAL NOTES:

• If necessary remove surface layer as follows: Swab the surface liberally with a solution of commercial grade phosphoric acid 125ml diluted with 1 litre water. Allow to dry for 48 hours. Take a strip of adhesive tape and apply to the treated surface. Leave 10 seconds and pull off quickly. Little or no plaster should adhere to the tape.
• If efflorescence is present, treat as follows: Wipe the efflorescence from a portion of the surface with a clean, dry rag. Allow the wiped surface to age for a few days, then examine for efflorescence. If present, wipe down again and re-examine again after a few days. Continue this operation until efflorescence ceases. Make up the following solution: Calcium chloride (commercial grade - 35% solution) 1 litre, Water 3 litres. Dust the entire surface down and apply the solution to the dusted surface. Allow to dry for 48 hours. Do not wipe down after drying.

Coating System Summary

• 1st Coat	Dulux 1 Step Oil Based Primer Sealer Undercoat
• 2nd Coat	Dulux Wash & Wear 101 Semi Gloss
• 3rd Coat	Dulux Wash & Wear 101 Semi Gloss

Coating System

1st Coat — Dulux 1 Step Oil Based Primer Sealer Undercoat

Coat Type	Datasheet
1st Coat	**NZDU00430 Dulux 1 Step Oil Based Primer Sealer Undercoat**

Read the full Datasheet details at Dulux 1 Step Oil Based Primer Sealer Undercoat

Application Methods

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

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	10	10	12
Wet Film Per Coat (microns)	100	100	100
Dry Film Per Coat (microns)	40	40	40
Recoat Time **	1 Hour	Indefinite	

V.O.C. Level	Meets ECNZ V.O.C. Requirements?
< 505 g/L untinted	**Not Applicable**

Coating Application Details

Brush, roller, conventional or airless spray.
Stir thoroughly before and during use.
Brush/Roller: Apply by brush or roller, full even coats direct from the container. If necessary up to 50ml per litre of mineral turpentine may be added to ease application.
Airless/Conventional Spray: Suitable for application by all standard spray equipment. If necessary thin up to 100ml per litre of Dulux Spraying Thinner to aid atomisation.
Clean brushes and rollers with mineral turpentine prior to and after use.

SDS Number	SDS Link
DLX000129	**View SDS Link**

2nd Coat — Dulux Wash & Wear 101 Semi Gloss

Coat Type	Datasheet
2nd Coat	**NZDU00397 Dulux Wash & Wear 101 Semi Gloss**

Read the full Datasheet details at Dulux Wash & Wear 101 Semi Gloss

Application Methods

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

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)			16
Wet Film Per Coat (microns)			70
Dry Film Per Coat (microns)			23
Recoat Time **	2 Hours	Indefinite	

V.O.C. Level	Meets ECNZ V.O.C. Requirements?
All bases <16 g/L	**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, conventional and airless spray.
BRUSH/ROLLER
Use medium nap roller (10 - 18mm). Pre-wet brushes and roller with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than 3 minutes. Thinning is not usually required. Under hot conditions application can be eased by thinning with up to 50mL water per litre and slightly dampening the surface. Apply two coats of Wash & Wear Semi Gloss ensuring that the first coat is completely dry before applying the second. Note, using poor quality or worn rollers can affect the final finish achieved. Some colours may require more than 2 coats, especially when painting over dark colours.
Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.
AIRLESS/CONVERNTIONAL SPRAY
Suitable for application by all standard spray equipment. If necessary, to aid atomisation, up to 100 ml per litre of water may be added for conventional spray or up to 30 ml per litre of water for airless spray. Use 0.015" to 0.017" spray tip at approximate pressure of 2200 - 2600 PSI.

SDS Number	SDS Link
DLX001039	**View SDS Link**

3rd Coat — Dulux Wash & Wear 101 Semi Gloss

Coat Type	Datasheet
3rd Coat	**NZDU00397 Dulux Wash & Wear 101 Semi Gloss**

Read the full Datasheet details at Dulux Wash & Wear 101 Semi Gloss

Application Methods

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

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)			**16**
Wet Film Per Coat (microns)			**70**
Dry Film Per Coat (microns)			**23**
Recoat Time **	**2 Hours**	**Indefinite**	

V.O.C. Level	Meets ECNZ V.O.C. Requirements?
All bases <16 g/L	**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.

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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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