

NZDU03557 Dulux Weathermax HBR Gloss on New Masonry [Exterior]

Scope of Works

Dulux Durebild STE is a versatile, two-pack, high solids epoxy that can be easily applied by spray in shop and by brush and roller on site. Durebild STE's surface tolerant feature makes it an excellent universal tie-coat over previously painted surfaces or as a spot-primer and intermediate coat over power tool cleaned steel. The high build characteristics allow you to apply Durebild STE to higher film builds with fewer coats, saving you time and money. Weathermax HBR is a high performance coating that exhibits excellent gloss and colour retention, even during extended service periods in severe industrial and marine environments EXTERIOR MASONRY WALLS - LONG TERM SYSTEM Gloss level: Gloss Coating type: Epoxy mastic/Polyurethane gloss

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 Durebild® STE Semi Gloss
- 2nd Coat Dulux Weathermax HBR Gloss

Coating System

1st Coat — Dulux Durebild® STE Semi Gloss

Coat Type
1st Coat

Datasheet
NZDU00482 Dulux Durebild® STE Semi Gloss

Read the full Datasheet details at [Dulux Durebild® STE Semi Gloss](#)

Application Methods

 Air Spray  Airless Spray  Brush  Roller

| | Min | Max | Recommended |
|--------------------------------|----------------------|----------------------|----------------------|
| Theoretical Spread Rate (m²/L) | <input type="text"/> | <input type="text"/> | 6.7 |
| Wet Film Per Coat (microns) | <input type="text"/> | <input type="text"/> | 150 |
| Dry Film Per Coat (microns) | <input type="text"/> | <input type="text"/> | 125 |
| Recoat Time ** | 14 Hours | 4 Weeks* | <input type="text"/> |

Meets ECNZ V.O.C. Requirements?
Not Applicable

2nd Coat — Dulux Weathermax HBR Gloss

Coat Type
2nd Coat

Datasheet
NZDU00492 Dulux Weathermax HBR Gloss

Read the full Datasheet details at [Dulux Weathermax HBR Gloss](#)

Application Methods

 Air Spray  Airless Spray  Brush  Roller

| | Min | Max | Recommended |
|--------------------------------|----------------------|----------------------|----------------------|
| Theoretical Spread Rate (m²/L) | <input type="text"/> | <input type="text"/> | 7 |
| Wet Film Per Coat (microns) | <input type="text"/> | <input type="text"/> | 145 |
| Dry Film Per Coat (microns) | <input type="text"/> | <input type="text"/> | 100 |
| Recoat Time ** | 10 Hours | Indefinite | <input type="text"/> |

Meets ECNZ V.O.C. Requirements?
Not Applicable

Coating System Notes

* Theoretical Coverage is the area is the area covered by 1 Litre of material at the speciiaction 'Dry Film Thickness' without a loss to a smooth and non porous surface.

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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.

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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.