

NZDU02331 Dulux Durebild® STE Semi Gloss on Painted Concrete Flooring [Interior]

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.

Substrate and Substrate Preparation

Substrate Notes

CONCRETE

A mixture of Portland cement, fine and coarse mineral aggregates, water and additives. Concrete is generally reinforced with mild steel bars and/or mesh. Unless the concrete is suitably coated, it is prone to spalling, particularly in or near cities, industrial areas and near the coast. Concrete comes in a range of densities, and these can affect the adhesion of coatings.

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.

ADDITIONAL NOTES:

- Ensure all previously painted enamel finishes are thoroughly abraded to ensure adequate adhesion of subsequent coating system.
- For successful floor coatings, adequate key into the substrate is vital. If the previous coating does not have adequate key into the substrate the coating may need to be removed and the substrate properly prepared.

Coating System Summary

- | | |
|------------|--------------------------------|
| • 1st Coat | Dulux Durebild® STE Semi Gloss |
| • 2nd Coat | Dulux Durebild® STE Semi 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 Durebild® STE Semi Gloss

Coat Type
2nd Coat

Datasheet
NZDU00482 Dulux Durebild® STE Semi Gloss

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Application Methods



Air Spray



Airless Spray



Brush



Roller

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	6.7
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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 specification '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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