






AUAV00006 Dulux Avista Resurfacing Base Compound

Introduction	
Part A Resurfacing Base Compound	Part B Colour Oxide
Product Code FD500998-20KG	

Product Overview and Image	
<p>Avista Resurfacing Base Compound is a decorative concrete coating suitable for application over existing cured concrete surfaces. It can be tinted to a range of colours by adding Avista Colour Oxide.</p>	

Features and Benefits
<ul style="list-style-type: none"> • Excellent adhesion to most concrete surfaces • Tintable in a range of colours • Spray or trowel application • Wide range of colours • Variety of finishes available • Convenient water clean up

Uses
<p>Avista Resurfacing is suitable for use on driveways, patios, pool surrounds, domestic and commercial pavements and certain road applications. The concrete being resurfaced must be structurally sound and at least 28 days old.</p>

Typical Properties
<p>Components 2</p>
<p>Clean Up</p> <p> Water</p>
<p>Application Methods</p> <p>  Broom  Trowel  Hopper Gun </p>

Product Properties

Compressive Strength (AS1478.2-2005)
10MPa@1 day, 30MPa @ 7 days, 40MPa @ 28 days

Modulus of Rupture (Flexural Strength) (AS1012.11-2000)
5MPa@1 day, 7MPa@7 days, 10MPa@ 28 days

Indirect Tensile Strength (AS1012.10-2000)
1MPa@ 1 day, 3MPa@ 7 days, 5MPa@ 28 days

Taber Abrasion Index (CS10 Wheel, 1kg load, 1000 cycles)
<100

Slip Rating

Surface Finish	Finish Coat	Slip Reducing Additive	Result
Steel Trowel finished concrete		No	P1
Resurfacing Spray finished		No	P5

Application Guide

Surface Preparation

Preparation of the area is extremely important to ensure good adhesion.

Ensure concrete is sufficiently cured (recommended minimum 14 days). If surface contains cracks, Grind out and filling should be undertaken, however, future movement in the concrete may cause cracks to appear that may affect adhesion and could result in chipping of the resurfaced coating.

Concrete is to be clean and free of grease, oil, paint or any curing agent. Stiff broom and general purpose cleaner recommended.

Pressure clean surface at minimum 2000 psi and allow to dry.

Acid etch with hydrochloric acid. Dilute approx 20 parts water to 1 part acid (depending on porosity) to remove any loosely bound cement and laitence.

Note: smooth concrete will require a higher acid content. Maximum strength - 10 parts water to 1 part acid.
Pressure clean immediately at minimum 2000psi to clean and remove all remnants of acid (do not allow acid to dry on surface).

Masking and taping

Ensure all surfaces surrounding the area to be sprayed, including grass and plants, should be covered or masked and taped.
Expansion joints should be taped with filament tape, and removed after final spray.

Priming

The area is then primed with Avista Resurfacing Primer. 1 part Avista Resurfacing Primer: 3 parts water by volume. Smooth trowelled floors require a mix ratio of 1 part Avista Resurfacing Primer: 4 parts water by volume.
Apply evenly on surface by broom, roller or sprayer. Do not allow primer to pool. If primer pools, spread across surface. Allowing primer to dry in a pooling area can affect adhesion.

Application Procedure and Equipment

Add required amount of clean potable water (3.6 - 4.0 L) in a clean 20L bucket and add Avista Resurfacing Colour Oxide and mix thoroughly with mechanical mixer at low speed until mix colour is uniform.
Slowly add Avista Resurfacing Base Compound, mixing continually.
Once full content has been added, mix for a further 3 minutes. This step is critical in activating the polymers to achieve an even consistent mixture.

Spray application

Application will require a moisture trap air compressor (minimum 12 to 15 cfm) with a 20m hose and an appropriate hopper gun.
Add mix to hopper, ensuring not to overfill - recommend half full.
Before applying to surface, spray on separate fibro test board to obtain desired texture. Adjust pressure to vary texture.
Spray evenly across surface in a circular motion, holding the hopper approximately 600mm from the ground.
Once area has been completely covered, allow to dry sufficiently to walk on.
Repeat application as above. Minimum 2 spray coats required to achieve sufficient wear factor. Min 3ml total.

Trowel application

Pour a manageable quantity of Avista mixture onto the primed concrete surface and squeegee or trowel evenly over the surface.
Do not exceed a thickness of 4 mm per coat, as this may lead to shrinkage cracking.
Subsequent trowel coats can be applied to achieve special decorative finishes.
The Avista Resurfacing System can be sealed once the surface is completely dry

Health and Safety

SDS Number

SDS Link

[View SDS Link](#)

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Precautions and Limitations

Do not apply in temperatures below 10°C as curing time is significantly delayed. It is not advisable to apply onto very hot surfaces (greater than 40°C) as this can affect cure. Therefore, under very hot conditions it is advisable to shade the application area.

Avista Resurfacing System is a decorative coating and cracks in the concrete base may reflect through the surface.

After sealing it is recommended that the sealed surface be protected from:

- Rain/water/sprinkler systems for minimum 6 hours
- Foot traffic for a minimum of 24 hours
- Vehicle traffic for a minimum of 5 days

The time depends on weather conditions and coating thickness, therefore, check suitability before allowing traffic.

Transport and Storage

Line Shade /Pack A

Resurfacing Base Compound

Size:

Weight:

20kg

20.82kg

Pack B

Color Oxide

Size:

Weight:

1kg

1kg

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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 4361 Parts 1 and 2 and Worksafe Australia guidelines.