



AUAV00008 Dulux Avista Internal Flooring Waterbased Epoxy Low Sheen

Introduction	
Part A Waterbased Epoxy Part A	Part B Waterbased Epoxy Part B
Part A FD400501-5L	Part B FD400500-5L

Product Overview and Image	
<p>Avista Waterbased Epoxy is a durable 2 pack epoxy coating for internal concrete floors.</p>	

Features and Benefits
<ul style="list-style-type: none"> • Durable epoxy coating for internal flooring • Low sheen finish • Tintable • Low odour • Water wash up • Quick drying

Uses
<p>Avista Waterbased Epoxy coating can be used on internal concrete floors such as garage floors, rumpus rooms and light commercial applications. It can be overcoated with Avista Two pack Urethane / Avista Polyurethane Sealer or Avista Polyaspartic for a harder wearing surface.</p>

Typical Properties	
Components 2	Mixing Ratio 1:1
Pot Life 1 hour	
Clean Up  Water	
Application Methods  Brush  Roller  Hopper Gun	

Specifications	Min	Max	Recommended
Wet Film Per Coat (microns)	100	167	133
Dry Film Per Coat (microns)	50	83	67
Theoretical Spread Rate (m ² /L)	6	10	

Product Properties
Water Little or no effect
Sulphuric Acid Little or no effect
Petrol (Regular Unleaded) Little or no effect
Acetic Acid Little or no effect
Vegetable Oil Little or no effect
Antifreeze Little or no effect

Application Guide
<p>Surface Preparation</p> <p>Ensure concrete is fully cured (minimum of 14 days) and free of grease, oil, paint or any curing agent. Prepare the surface by either grinding or acid wash using hydrochloric acid (dilute approximately 20 parts water to 1 part acid). Pressure clean surface after acid wash and allow to dry. If the floor is smooth, grinding is advised. This will maximise adhesion. If curing agent has been applied, grinding is necessary. Acid treatment is a secondary option. Acid etch with hydrochloric acid. Dilute approx 20 parts water to 1 part acid (depending on porosity) to remove any loosely bound cement and laitance.</p> <p>Note: smooth concrete will require a higher acid content. Maximum strength - 10 parts water to 1 part acid. Pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi (large open areas, example factories and warehouses, required for this preparation)..</p>
<p>Application Procedure and Equipment</p> <p>Mix A and B in correct proportions (1:1 by volume) in a clean, dry 20L bucket. Mix thoroughly for a minimum 3 minutes with a mechanical mixer at low speed until mix colour is uniform (white).</p> <p>Add 1 x 400ml Avista Waterbased Colour Tint per 10 Lt kit, or 2 x 400ml Avista Waterbased Colour Tint per 10 Lt kit for BLACK tint.</p> <p>Mix thoroughly until even colour is achieved.</p> <p>Can be Tinted instore to 5ltr formulation into part A</p> <p>Note: First coat can be diluted up to 10% with water. Apply product with a roller or spray with hopper gun. Roller tray required for roller application. Ensure coats are applied evenly and not too thick. First coat can be diluted up to 10% with water. Allow approximately 4 hours between coats, depending on conditions. Second coat to be applied undiluted. Third coat may be required in the lighter colours. To obtain a lower slip factor it is advisable to use the appropriate slip reducing additive with the sealer for better grip under adverse conditions.</p> <p>The mixed product is best applied using roller or hopper spray.</p> <p>Roller tray is required for roller application. Coat to be applied undiluted.</p> <p>Allow approximately 4 hours between coats, depending on conditions.</p>

Third coat may be required in the lighter colours.

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Sand Application

Sand application by hopper gun only.

After Part A, Part B and tint is thoroughly mixed, add 1 kg (or 650ml) of sand for every litre of product.

Clean washed fine silica sand must be used.

Mix thoroughly and add mix to hopper gun. Spray both coats to surface at approx 30-35psi.

Health and Safety

SDS Number PAR000335, PAR000332	SDS Link https://go.lupinsys.com/duluxgroup/harms/public/materials/8269a892053cc4d67343be8bdaac0b11-published/individual https://go.lupinsys.com/duluxgroup/harms/public/materials/8269a892053cc4d67343be8bda89df63-published/individual
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Using Safety Precautions
 Ensure appropriate PPE is worn.

Please refer to [SDS Link](#). In case of emergency, please call 1800 220 770.

Precautions and Limitations

Internal use only.
 Application temperature 10°C - 35°C.
 Not suitable as a waterproofing membrane.
 Yellows with direct sunlight.
 The coated surface should not have foot traffic for at least 24 hours or vehicle traffic for at least 4 days.

Transport and Storage

Line Shade /Pack A
Waterbased Epoxy Part A

Size:	Weight:
4L	5.35kg

Pack B
Waterbased Epoxy Part B

Size:	Weight:
4L	4.15kg

Disclaimer

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Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from www.duspecplus.com.au. Climatic conditions at application time can affect product suitability and performance.

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.