

# Dulux Avista Concrete Sealer 2 Pack Urethane

## High gloss, clear, 2 part concrete sealer

### Description

Dulux Avista 2 Pack Urethane is a clear two pack sealer with good wear and chemical resistance.

### Uses

As a high gloss clear sealer over stamped and stencil concrete, resurfacing systems, coloured and plain concrete and exposed aggregate, flake flooring and can be applied to most concrete surfaces including polished or ground concrete/ polished concrete bench tops.

### Advantages

- UV resistant & non yellowing
- Very good solvent and chemical resistance
- Long pot life

### Properties

Coverage Rate:	Approx. 3 - 10m <sup>2</sup> per coat dependent on porosity of surface.
Solids:	39+ - 2% w/w
Specific Gravity:	0.99 (mixed A + B)
VOC Content:	588 gms per litre
Tack free time @ 25°C:	30 min - 2 hours (depending on conditions)
Pot Life @ 25°C:	Approx 3 - 4 hours
Film properties after mixing	Appearance clear
A + B and cured 7 days	Flexibility semi rigid
Weathering Resistance:	Excellent - non yellowing

## Application Instructions

### Preparation for external application

Ensure concrete is sufficiently cured (14 - 30 days depending on conditions).

- Concrete is to be clean and free of grease, oil, stiff broom and general purpose cleaner recommended.
- Paint, curing agents and acrylic sealers must be removed by either stripping or grinding.
- Pressure clean surface at minimum 2000 psi and allow to dry.
- Acid etch with hydrochloric acid. Dilute approximately 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 to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi.

- Allow surface to dry and ensure is dust and dirt free before sealing (sealing over damp concrete will cause whitening). Refer to Dry Test.

**NOTE:** When surface needs to be resealed, a physical abrasion will be required.

### Dry Test

- Place a piece of plastic over a small area, tape the edges and leave for 1 hour.
- Remove plastic, if there is no moisture on either surface, concrete is sufficiently dry for sealing.

### Preparation for internal application

Ensure concrete is sufficiently cured (14 - 30 days depending on conditions).

- Concrete is to be clean and free of grease, oil, stiff broom and general purpose cleaner recommended.
- Paint, curing agents and acrylic sealers must be removed by either stripping or grinding.
- The surface should be dry, containing no solvent or moisture as once Dulux Avista 2 Pack Urethane is dry it can trap moisture or solvent underneath which could cause the sealer to lift.
- For epoxy coatings, surface must be abraded and solvent wiped before sealing.

### Preparation for Flake Flooring

- Ensure all loose/excess flake has been scraped, broomed, sanded, vacuumed and completely removed before sealing.

### Mixing Instructions

- Mix 8.75L Part A and 1.25L Part B to make 10L kit. (7 parts Part A to 1 Part B)
- Mix product with a paint stirrer for minimum 3 minutes.

### Application 1st Coat

- For non porous surfaces the first coat must be diluted to penetrate into the substrate and provide better wetting. Dilution can be up to 20% with Dulux Avista Solvent.
- Diluted sealer must be used immediately. Do not store or return to original sealer.
- If there are some doubts about application and appearance, test a small area first.
- Apply Dulux Avista 2 Pack Urethane by either a suitable paint brush, 100% mohair 4mm pile nap roller or airless spray. For spray application, 10% Dulux Avista Solvent should be added.

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## Application 2nd Coat

- Second coat should be applied when first coat is completely dry (approximately within 3 - 24 hours dependent on conditions prevailing). If too much time is allowed for cure, adhesion can be difficult to obtain on subsequent coats.

**NOTE:** If the first coat is not fully dry before the second coat is applied, there is a chance that the first coat could be reactivated.

- If too much time has elapsed then the first coat will have to be abraded and solvent wiped to provide extra key before the second or third coats are applied.
- Dulux Avista Slip Reducing Additive may be added to the final coat, particularly if the area gets wet. Refer to SlipResistant Additive TDS.

## Curing Time

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 48 hours
- Vehicle traffic for a minimum of 72 hours

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

## Limitations

- Cannot be applied over solvent based acrylic sealers.
- Surface must be abraded for second coat if over 18 hours between coats.
- When surface requires resealing, the surface will be need to be abraded before sealing.

## Coverage

1 x 10 litre kit covers approximately 30 to 100m<sup>2</sup> per coat depending on the porosity of the surface.

## Storage

Dulux Avista recommends storage in a cool, well ventilated space away from heat sources. Keep tightly lidded. Keep away from reducing agents and strong oxidising agents. Take precautions against static electricity discharges.

## Shelf Life

Shelf life is 5 years when kept in its original, un-opened packaging and stored in dry conditions between 10°C and 25°C with 55% relative humidity, away from direct sunlight and moisture.

## Cleaning

Clean up with Dulux Avista Solvent.

## Safety

Recommended PPE:

- Organic vapour respirator mask
- Solvent resistant gloves
- Safety eye wear
- Appropriate foot wear

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## Supply

FD200555-8.75L AVS 2 PACK URETHANE PART A 8.75L

FD200556-1.25L AVS 2 PACK URETHANE PART B 1.25L

### Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Dulux Avista website [www.duluxavista.com.au](http://www.duluxavista.com.au). Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In an emergency, contact any Poisons Information Centre (Telephone 131 126 within Australia) or a doctor for advice.

### Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Dulux Avista does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

