

# Dulux Avista Concrete Sealer Waterbased



## Waterbased sealer for internal and external applications

### Description

Dulux Avista Waterbased Sealer with a semi gloss finish to give a more natural wet look. Dulux Avista Waterbased Sealer is milky in appearance, will dry clear.

### Uses

Semi gloss finish sealer for concrete and other cementitious surfaces. Helps prevent staining dirt ingress and improved durability to areas such as concrete pavers, blockwork, rock landscaping, plain and coloured concrete.

### Advantages

- For use on internal and external applications
- Ease of application
- Fast drying
- Can be tinted with Dulux Avista Waterbased Colour Tint

### Properties

Solids (% m/m):	32% ± 1
pH:	8.5 – 9.5
Specific Gravity:	1.08
Water Resistance (dry film):	Very Good
Coverage Rate:	Approx. 5-10 m <sup>2</sup> per litre per coat
VOC Content:	41 gms per litre
Dry Film Clarity:	Excellent
UV Resistance:	Excellent

## Application Instructions for New Cured and Old Concrete (unsealed)

### Preparation

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

- Concrete is to be clean and free of grease and oil. 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 laitance.

**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.

### Sealing

#### Application Methods

Dulux Avista Waterbased range of sealers can be applied by a suitable lambswool roller, brush or airless sprayer.

To apply sealer with a roller, pour sealer into a roller tray and evenly roll onto surface.

#### Application

- 2 coats minimum to be applied making sure the sealer is completely dry between coats (recommended minimum 1-2 hrs).
- It is important that the sealer is put on in thin even coats and not left to pool as moisture entrapment will cause whitening.
- To obtain a lower slip factor it is advisable to use the appropriate Dulux Avista Slip Reducing Additive with the sealer for better grip under adverse conditions e.g. wet areas, steep slopes and pool surround areas. See Slip Reducing Additive TDS for details.

## Application Instructions for Sealed Concrete

### Testing

#### Cross Hatch Test is required.

This simple test should be used to ascertain whether existing sealer is suitable to be resealed over.

1. Use a sharp blade to create a light "cross-hatch" incision through the sealer.
2. Place a piece of self adhesive tape (suggest clear packing tape) over the incision.
3. Press firmly for maximum adhesion and remove sharply. Repeat with fresh tape several times.

If sealer is present on the tape, it is advised sealer be completely stripped from surface. Seek professional contractors should stripping be required.

If there is no sign of sealer adhering to the tape or delaminating from the surface, this would indicate that the bond of the existing sealer is sufficient for resealing.

**IMPORTANT NOTE:** if current sealer shows signs of whitening or blooming, regardless of cross hatch test results, sealer may need to be stripped completely from the surface. Whitening may reoccur if new coat of sealer is applied over this problem.

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## Cleaning

- Concrete is to be clean and free of grease and oil. Stiff broom and general purpose cleaner recommended.
- Pressure clean at minimum 2000 psi to clean and remove all contaminants. Allow surface to dry before resealing (sealing over damp concrete will cause whitening). Refer to Dry Test.

**NOTE:** Do not acid wash previously sealed surfaces.

## Sealing

The Dulux Avista Waterbased range of sealers can be applied by a suitable lambswool roller. To roller apply sealer, pour sealer into a roller tray, and evenly roll onto surface.

## Application

- Sealer should be applied with a minimum of 2 coats.
- Ensure the sealer is completely dry between coats (recommended minimum 1-2 hrs).
- To obtain a lower slip factor it is advisable to use the appropriate Dulux Avista Slip Reducing Additive with the sealer for better grip under adverse conditions e.g. wet areas, steep slopes and pool surround areas. See Dulux Avista Slip Reducing Additive TDS for details.

## 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 8 hours
- Vehicle traffic for a minimum of 4 days

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

## Limitations

- Water blushing may occur if coating is too thick or not dry between coats
- Protect from freezing
- Not to be used on the Dulux Avista Resurfacing System

## Maintenance

Remove oil, grease and other contaminants immediately with a general purpose cleaner.

## Coverage

Undiluted, 20 litre will cover approx. 100 - 200 m<sup>2</sup> per coat, depending on surface.

## Storage Conditions

Store in cool, dry shade areas away from sunlight.

## Cleaning

Clean up with water.

## Safety

Ensure appropriate PPE is worn.

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## Supply

FD278009-4L AVS SEALER WATERBASED SEALER 4L  
FD278009-20L AVS SEALER WATERBASED SEALER 20L

### 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.

