

# Dulux Avista Concrete Sealer Pre-Sealer

## Sacrificial sealer coating

### Description

Dulux Avista Concrete Sealer Pre-Sealer is a solvent based clear coating for use as a sacrificial sealer coating on freshly laid concrete, to help protect the substrate from weather and ingress of dirt and grime in the short term.

### Uses

Dulux Avista Concrete Sealer Pre-Sealer can be used on freshly laid concrete, to provide a layer of protection prior to a full strength, permanent sealer being applied once the concrete has cured. The full strength, permanent sealer must be applied on top no sooner than 14 - 30 days (depending on conditions) after the concrete has been laid but also within 6 months to ensure the surface remains protected. Dulux Avista Pre-Sealer is not to be used on new resurfaced concrete as slow evaporation of solvent from the Dulux Avista Concrete Sealer Pre-Sealer may soften the resurfaced concrete.

**NOTE:** Smooth or steel trowelled surfaces can be slippery regardless of sealer applied. When applying the full strength permanent sealer at a later date, this can be used with Dulux Avista Slip Reducing Additive to make the surface more slip resistant, particularly in wet areas. However, surfaces greater than a slope of 1:8 (1 high and 8 long) are not recommended for coating, even with the addition of Dulux Avista Slip Reducing Additive. Seek professional advice or call Dulux Avista on 1800 801 108 for recommendations on how to coat surfaces with a slope of greater than 1:8.

### Advantages

- To be used on the day the concrete is poured (green seal)
- Can be tinted (1L Dulux Avista Sealer Colour Tint.)
- Easy to apply
- High penetration and adhesion

### Properties

Solids (PBW)	20.0% ± 1%
UV Light	Very good resistance
Thinning	Not required
Recommended Film Build	Approx. 10 microns dry per coat
Coverage Rate	Approx. 3-5m <sup>2</sup> per litre per coat
VOC Content	723 grams per litre

## Application Instructions for Freshly Laid Concrete

Freshly laid concrete can be coated with Dulux Avista Concrete Sealer Pre-Sealer, however, the surface needs to be sufficiently dry and firm enough to walk on without marking and no free water must be present.

Apply one to two coats of Dulux Avista Concrete Sealer Pre-Sealer with a solvent resistant broom, roller or suitable sprayer. After a minimum of 14 - 30 days, the surface can be sealed following the application instructions below.

### Sealing

- Ensure concrete is dry enough to walk on.
- Stir Dulux Avista concrete Sealer Pre-Sealer well before pouring into a roller tray.
- Roll evenly onto the surface using a good quality long nap roller (20mm).
- Allow to dry for 2 hours.
- After a minimum of 14 - 30 days, the surface can be sealed using a full strength, permanent sealer following the application instructions below.

## Application Instructions for Unsealed Concrete (newly cured – at least 14 - 30 days old)

### Preparation

- 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 thoroughly at minimum 2000 psi to ensure no residues of cleaning product are left on the surface.
- Acid etch with hydrochloric acid. Dilute 20 parts water to 1 part Dulux Avista Hydrochloric 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.
- Wet down the area to be treated with water. Leave until there is no standing water then proceed.
- Apply diluted acid to the surface using a large head watering can, applying in a criss-cross motion (approximately 5-10m<sup>2</sup> sections). Acid will start to fizz on the surface once it starts to react with the laitance in the concrete.
- Wash down with water then pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on the surface). Pressure clean at minimum 2000 psi.
- Ensure surface is dry before sealing using a moisture meter. The moisture content must be below 10% prior to sealer application. If no moisture meter is available, refer to Dry Test.

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## Application

Apply one coat of Dulux Avista General Purpose or Extended Wear Concrete Sealer with a solvent resistant broom, roller or suitable sprayer.

## Drying time

Allow 2 hours.

Do not apply sealer at temperatures below 8°C or above 35°C.

## Application

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

- Rain/water/sprinkler systems for minimum 2 hours
- Foot traffic for a minimum of 2 hours
- Vehicle traffic for a minimum of 5 days

## Dry Test

Place a piece of plastic over a small area (450mm X 450mm), tape the edges and leave for 1 hour. Remove the plastic, if there is no moisture on either surface, the concrete is sufficiently dry for sealing.

Alternatively, ensure the surface is dry using a moisture meter. The moisture content must be below 10% prior to sealer application.

## Maintenance

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

**NOTE:** surface will need to be resealed with a full strength sealer (Dulux Avista General Purpose Concrete Sealer or Extended Wear Concrete Sealer) at 4-6 months.

## Limitations

- Do not seal in high winds or if rain is likely.
- Do not apply over painted surfaces, only on freshly laid concrete.
- Application of sealer can lower slip resistance (Dulux Avista Slip Reducing Additive available).
- Not suitable for food preparation areas.
- Not a waterproofing membrane.
- Not recommended to seal at extreme temperatures below 8°C and above 35°C.
- Not to be used as a final sealer.

## Coverage

1 x 20 litre drum covers approximately 60 to 100m<sup>2</sup> per coat, depending on the porosity of the concrete.

## Storage Conditions

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Refer to SDS.

## Cleaning

Clean up with Dulux Avista Solvent.

## Safety

Recommended PPE:

- Organic vapour respirator mask
- External covered areas must have adequate natural ventilation due to fumes emitted during and after application
- Solvent resistant gloves
- Safety eye wear
- Appropriate solvent and acid resistant foot wear

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## Supply

FD278052-20L DULUX AVISTA PRE-SEALER 20L

FD278052-200L DULUX AVISTA PRE-SEALER 200L (MTO)

### 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.

