

AUAV00022 Dulux Avista Concrete Sealer Pre-Sealer

Product Overview and Image

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.







Features and Benefits

- 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

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 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 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.

Typical Properties			
Components 1		Mixing Ratio One Part - No mixing of any additional component required unless tinted	
Shelf Life 5 years when in an undamaged, unopened container stored in a cool area away from sun and heat		Pot Life Indefinite after opening as long as the can is securely sealed on completion of the job	
V.O.C. Content 724g/l			
Clean Up DULUX AVISTA SOLVENT			
Meets GBCA V.O.C. Requirements? No			
Application Methods <div><div> Air Spray</div><div> Brush</div><div> Roller</div><div> Pad</div></div> <p>Broom Roller should be a solvent Resistant Lambswool roller</p>			
Specifications		Solids by Volume	
	<div>17.3</div>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<div>200</div>	<div>333</div>	<div>200</div>
Dry Film Per Coat (microns)	<div>35</div>	<div>58</div>	<div>35</div>
Theoretical Spread Rate (m²/L)	<div>5</div>	<div>3</div>	<div>5</div>

Product Properties
Water Resistant

Application Guide

Surface Preparation

See in Application Procedure and Equipment

Application Procedure and Equipment

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 PreSealer 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)

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 5-10m² 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.

Sealer Application

Apply one or two coats of Dulux Avista General Purpose Sealer, Dulux Avista Extended Wear Concrete Sealer or Dulux Avista Tintable 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.

Curing Time

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) before 4-6 months and preferably after 14 – 30 days.

Health and Safety

SDS Number
PARGHSEN000583

SDS Link
[View SDS Link](#)

Using Safety Precautions
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces.
No smoking. P233 Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical, ventilating, lighting and all other equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust, fume, gas, mist, vapours or spray.
Wash hands, face and all exposed skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective clothing, gloves, eye/face protection and suitable respirator.

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

Precautions and Limitations

All preparation and painting must conform to AS2311: The Painting of Buildings.

Suitable only for freshly laid, or properly prepared bare concrete, or concrete previously coated with Avista General Purpose Sealer, Avista General Purpose Matt Sealer.

Do not paint at temperatures below 10C or when the temperature of surface may fall below 10C during the drying period.

Do not seal in high winds or if rain is likely.

Do not apply over surfaces painted with water based or alkyd paints.

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.

Application of sealer can lower slip resistance (Dulux Avista Slip Reducing Additive available).

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.

Dulux Avista Pre-Sealer is not to be used on new resurfaced concrete as slow evaporation of solvent from the Avista Concrete Sealer Pre sealer may soften the resurfaced concrete.

Tinted colours: Ensure that sealer is thoroughly stirred immediately after addition of tinter to can and again before use. Use only Dulux Avista tinter.

Transport and Storage

Line Shade /Pack A

FD278052-20L, FD278052-200L,

Size:

20L, 200L

Weight:

19.87kg, 201.2kg

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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.