

AUAV00022 Dulux Avista Concrete Sealer Pre-Sealer

Introduction

Product Code
FD278052-20L
FD278052-200L

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.



Product Category
Concrete Sealer

Features and Benefits





- Sacrificial same day sealer for freshly poured concrete
- Can be tinted (1L Dulux Avista Sealer Colour Tint.)
- Easy to apply
- Can be used as a primer coat under the Dulux Avista Concrete Sealer range
- High penetration and adhesion
- Solvent based

Uses

Dulux Avista Concrete Sealer Pre-Sealer is designed for use on freshly laid concrete, to provide a layer of protection during the curing process. Pre-sealer must be overcoated with a compatible top coat sealer, such as Dulux Avista General Purpose or Extended Wear Sealer, once the concrete has cured. Pre-sealer will protect the surface from dirt ingress & protect & enhance colour until a top coat can be applied. A compatible Dulux Avista sealer must be applied within 3 months of Pre-sealer being applied. Pre-sealer can be used on freshly laid plain, coloured & stencilled concrete.

Dulux Avista Pre- Sealer can also be used as a first coat/prime coat for the below Dulux Avista products.

- Dulux Avista General Purpose Sealer (S/G & Matt)
- Dulux Avista Extended Wear Sealer
- Dulux Avista Tintable Base Sealer
- Dulux Avista Coloured Sealer

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, dry area		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			
Sizes 20L, 200L			
Meets GBCA V.O.C. Requirements? No			
Application Methods <div>  Air Spray  Brush  Roller  Broom </div>			
Specifications		Solids by Volume	
		17.3	
	Min	Max	Recommended
Wet Film Per Coat (microns)	60	100	80
Dry Film Per Coat (microns)	15	50	30
Theoretical Spread Rate (m ² /L)	3	6	5
Drying Time			
	Min	Max	Recommended
Touch Dry (min)	60	120	
Recoat Time (min/hours)			2 hours

Maintenances
<p>Surface must be overcoated with a compatible Dulux Avista sealer after 14-30 days of being applied (30 days recommended, maximum 3 months).</p> <p>Surface should be cleaned regularly, removing mud, dirt & gravel by sweeping and/or pressure cleaning.</p> <p>Remove oil, grease and other chemicals contaminants immediately.</p> <p>Remove excess leaf & organic matter to avoid staining.</p> <p>Avoid driving on surface with rocks in tyres.</p>

Application Guide

Surface Preparation

Freshly laid concrete

No preparation required when being used as a sacrificial same day sealer. Surface must be hard enough to walk on & free of any surface water.

Primer/first Coat for unsealed, cured concrete surfaces

Ensure concrete is sufficiently cured (recommended minimum 14 days).

Concrete is to be clean and free of grease, oil, paint or any curing agent. Stiff broom and general purpose cleaner recommended. Any oil stains should be treated & cleaned with an industrial degreaser.

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 laitance. Apply diluted acid to 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. 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 before sealing (sealing over damp concrete will cause whitening).

Note: Acid etching should always begin at the lowest point of the surface & proceed uphill.

Application Procedure and Equipment

Sealer to be applied by a suitable solvent resistant broom or 11mm-22mm nap roller. Roller used will depend on the profile of the concrete.

The sealer must be mixed prior to application using a stirrer or paddle.

To apply sealer, pour sealer into a roller tray, and evenly roll or broom onto the surface.

Ensure sealer is not applied too thick and no pooling occurs as this may cause bubbling.

Avoid excess sealer build up on the edges of the roller. This can lead to roller lines in the surface.

An additional coat of sealer can be applied after a minimum of 2 hours, (recommended recoat 2 hours)

Surface must be overcoated with one of the below Dulux Avista sealers once concrete has cured (minimum 14 days, 30 days recommended). This must occur within 3 months of the Pre-sealer being applied. Pre-sealed surface must be acid etched & pressure cleaned prior to sealer being applied. Refer to the acid etching process outlined in the relevant Dulux Avista TDS.

Compatible Dulux Avista Sealers

- Dulux Avista General Purpose Sealer (S/G or Matt)
- Dulux Avista Extended Wear Sealer
- Dulux Avista Tintable Base Sealer
- Dulux Avista Coloured Sealer

Health and Safety

SDS Number

PARGHSEN000583

SDS Link

[View SDS Link](#)

Using Safety Precautions

Recommended PPE:

Organic vapour respirator mask

Solvent resistant gloves

Safety eye wear

Appropriate solvent and acid resistant foot wear

External covered areas must have adequate natural ventilation due to fumes emitted during and after application

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

Precautions and Limitations

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 (slip resistance additives available).

Important note: Surfaces with a slope of 1:8 (1 metre fall across 8 metres of distance) or greater are not recommended for coating, even with the addition of Dulux Avista Slip Reducing Additive. Contact Dulux Avista for further advice.

Transport and Storage

Line Shade /Pack A

FD278052-20L, FD278052-200L,

Size:

Weight:

20L 200L

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.