

AUAV00005 Dulux Avista Concrete Sealer Waterbased Semi Gloss

Introduction

Product Code
FD278009-20L

Product Overview and Image

Dulux Avista Concrete Sealer Waterbased is a durable protective waterbased clear coating for all types of concrete surfaces. It provides a natural look finish & is suitable for both interior & exterior use.








Product Category
Concrete Sealer

Features and Benefits

- Natural looking sealer
- Good marking resistance
- No primer required
- Can be used over a solvent or waterbased sealers
- Fast drying
- Water wash up
- Low odour
- For use on internal and external applications

Uses

Dulux Avista Waterbased Sealer is a semi gloss sealer for all interior or exterior concrete surfaces. It is designed to protect the surface from dirt ingress & staining & increase durability. Ideal for use on plain or coloured concrete, polished concrete, slate tiles, concrete pavers, block or brickwork, rock landscaping & all areas where high VOC products cannot be used.

Typical Properties			
Components 1			
V.O.C. Content 41 gms per litre			
Clean Up  Water			
Sizes 20L			
Application Methods  Air Spray  Airless Spray  Brush  Roller			
Specifications	Solids by Volume		
	<input type="text" value="32"/>		
	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text" value="5"/>	<input type="text" value="10"/>	<input type="text"/>
Drying Time			
	Min	Max	Recommended
Touch Dry (min)	<input type="text" value="60"/>	<input type="text" value="120"/>	<input type="text"/>
Recoat Time (min/hours)	<input type="text"/>	<input type="text"/>	<input type="text" value="2 hours"/>
Comments	<input type="text" value="Full cure 5 days"/>		
Typical Property Notes pH: 8.5-9.5 Specific gravity: 1.08 Dry Film Clarity: Excellent			

Product Properties	
UV Resistance Excellent	Water No visual effect

Slip Rating

Surface Finish	Finish Coat	Slip Reducing Additive	Result
Steel Trowel finished concrete	Dulux Avista Waterbased Sealer	No	P2
Steel Trowel finished concrete	Dulux Avista Waterbased Sealer	Dulux Avista Slip Reducing Additive Powder	P2
Steel Trowel finished concrete	Dulux Avista Waterbased Sealer	Dulux Avista Slip Reducing Crushed Glass	P5
Broom finished concrete	Dulux Avista Waterbased Sealer	No	P5
Coved finished concrete	Dulux Avista Waterbased Sealer	No	P4

Maintenances

Surface should be cleaned regularly, removing mud, dirt & gravel by sweeping and/or pressure cleaning.
Remove oil, grease and other chemicals contaminants immediately.
Remove excess leaf & organic matter to avoid staining.
Avoid driving on surface with rocks in tyres.
Dulux Avista Waterbased sealer should be inspected for resealing after 2 years. *
*Actual lifespan of the product may vary depending on frequency of use & environmental factors

Application Guide

Surface Preparation

Preparation Instructions for New Cured and Old Concrete (unsealed)

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.
Note: smooth concrete will require a higher acid content. Maximum strength - 10 parts water to 1 part acid.
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).

Previously sealed concrete surfaces

A cross hatch test is required if the surface has been sealed more than 2 years ago to ascertain whether existing sealer is suitable to be resealed over.

1. Use a sharp blade to create a light "crosshatch" 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 the 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 existing 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.

Cleaning

Concrete is to be clean and free of grease, oil and any other contaminants. A stiff broom and general purpose cleaner are 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).

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.

Application Procedure and Equipment

Sealer to be applied by a quality, 11mm-22mm nap synthetic or lambs wool roller. Nap 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 a thin coat onto the surface.
Ensure sealer is not applied too thick and no pooling occurs as this may cause whitening due to moisture entrapment.
Sealer is milky white in appearance & will dry clear, provided it is not applied too thickly.
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).

Health and Safety

SDS Number

SDS Link

[View SDS Link](#)

Using Safety Precautions

Recommended PPE:

Solvent resistant gloves

Safety eye wear

Appropriate solvent and acid resistant foot wear

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

Precautions and Limitations

Whitening may occur if coating is too thick or not dry between coats

Cannot be used on concrete resurfacing.

The sealed surface should not have foot traffic for at least 24 hours and vehicle traffic for at least 5 days.

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

Do not apply over painted surfaces. Paint removal required.

Not a waterproofing membrane.

Do not seal at temperatures below 8°C or above 30°C.

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

Size:

Weight:

20L

22.66kg

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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.