

AUAV00002 Dulux Avista Concrete Sealer Exposed Aggregate Semi Gloss

Introduction

Product Code
FD278054-20L
FD278054-10L

Product Overview and Image

Dulux Avista Concrete Sealer Exposed Aggregate is a protective clear coating specifically designed for use on exposed aggregate concrete surfaces. It can be used on freshly poured existing exposed aggregate concrete.



Product Category
Concrete Sealer





Features and Benefits

- Protects exposed aggregate concrete from dirt ingress
- Recoat in 2 hours
- Non yellowing
- No primer required
- Provides a wet look finish
- Specifically designed for exposed aggregate concrete
- Can be used as a same day sealer on freshly poured exposed aggregate concrete

Uses

Dulux Avista Exposed Aggregate Sealer is specifically formulated to provide best results on exposed aggregate concrete surfaces including driveways and paths. It can be used on both new and old exposed aggregate surfaces.

Caution: Sealing exposed aggregate surfaces on an incline may cause the surface to become slippery, particularly when wet. Actual slip resistance of the exposed aggregate surface will vary depending on the size & shape of the aggregate in the concrete.

Typical Properties			
Components 1			
Yield Approx 3-5m2 per L per coat		V.O.C. Content 724g/L	
Clean Up Dulux Avista Solvent			
Sizes 20L 10L			
Application Methods  Air Spray  Brush  Roller  Broom			
Specifications	Solids by Volume		
	<input type="text" value="20"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="60"/>	<input type="text" value="100"/>	<input type="text" value="80"/>
Dry Film Per Coat (microns)	<input type="text" value="15"/>	<input type="text" value="50"/>	<input type="text" value="30"/>
Theoretical Spread Rate (m ² /L)	<input type="text" value="3"/>	<input type="text" value="6"/>	<input type="text" value="5"/>
Drying Time	Min	Max	Recommended
Touch Dry (min)	<input type="text" value="60"/>	<input type="text" value="120"/>	<input type="text" value="120"/>
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"/>		

Product Properties	
UV Resistance Very good	Water No visual effect
Sodium Hydroxide (Alkali) No visual effect	Sulphuric Acid No visual effect
Sodium Hypochlorite (Pool Chlorine) No visual effect	Petrol (Regular Unleaded) Softening and dulling of surface – immediately clean with detergent and when dry treat with Dulux Avista Solvent. Recoating may be required.
Engine Oil No visual effect	Brake Fluid (Dot 3) Softening and dulling of surface – immediately clean with detergent and when dry treat with Dulux Avista Solvent. Recoating may be required.
Distillate No visual effect	Methylated Spirits Softening with white discolouration (allow to dry and treat with Dulux Avista Solvent)
Sodium Chloride (Salt) No visual effect	

Maintenances
<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> <p>Dulux Avista Exposed Aggregate Sealer should be recoated approximately every 2 years. *</p> <p>*Actual lifespan of the product may vary depending on frequency of use & environmental factors.</p>

Application Guide

Surface Preparation

Freshly laid exposed aggregate concrete
The surface must be sufficiently dry and firm enough to walk on without marking and there mustn't be any free water present. Sealer must be applied within 24 hours of the aggregate being exposed/retarder wash off occurring. If greater than 24 hours has passed since the aggregate was exposed, the surface should then be allowed to cure for a minimum of 14 days & prepared as per instructions below.

Cured, unsealed exposed aggregate concrete
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.

Previously sealed exposed aggregate concrete
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).
Once dry, surface must be treated with solvent to reactivate the existing sealer & form a bond. This will help with the adhesion of the new sealer coat. Apply Dulux Avista Solvent to the area being resealed using a roller and roller tray or broom.
Note: Allow area to dry enough to walk on before proceeding with sealer application. Dulux Avista Solvent has a coverage of 5-10 m²/L when used for reactivating sealers.

Application Procedure and Equipment

Sealer to be applied by a suitable solvent resistant broom or 15mm-22mm nap roller. Roller used will depend on the profile of the exposed aggregate 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.
Drying time: Minimum of 2 hours between coats when applied at 25°C and above at 50% relative humidity. Recoat times will be longer in cooler weather (<25°C) or higher humidity. Do not apply sealer at temperatures below 8°C or above 35°C.

Health and Safety

SDS Number	SDS Link View SDS Link
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Using Safety Precautions
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

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

Precautions and Limitations

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.
Application of sealer can lower slip resistance (slip resistance additives available).
Not suitable for food preparation areas.
Not a waterproofing membrane.
Do not seal at temperatures below 8°C or above 35°C.

Transport and Storage

Size:	Weight:
20L	22.16kg

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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.