

AUAV00014 Dulux Avista Concrete Sealer 2 Pack Urethane Gloss

Introduction

Part A
FD200555-8.75L

Part B
FD200556-1.25L

Product Overview and Image

Dulux Avista 2 Pack Urethane is a 2 part high gloss concrete sealer which will provide a hard wearing non yellowing coating for both interior and exterior concrete surfaces. Suitable for use on most concrete surfaces, including resurfacing systems, flake and epoxy flooring and polished or ground concrete, including polished concrete bench tops. It can be used as a hardwearing clear coat or tinted using the Dulux Avista Sealer Tints.



Product Category
Concrete Sealer




Features and Benefits

- UV resistant & non yellowing
- Very good solvent and chemical resistance
- Gloss finish
- Can be used for interior and exterior surfaces
- Hard wearing
- Long pot life - approx 2-3 hours
- Tintable using Dulux Avista Sealer Tints

Uses

Dulux Avista 2 Pack Urethane can be used as a high gloss clear sealer on most concrete surfaces, including concrete resurfacing systems, flake and epoxy flooring and polished or ground concrete. It is perfect for use in high traffic areas, or areas that may be subject to chemical or oil spills.

Dulux Avista 2 Pack Urethane can also be tinted using Dulux Avista Sealer tints to provide a heavy duty, high gloss finish for concrete surfaces.

Typical Properties			
Components 2	Mixing Ratio 7:1		
Shelf Life 36 months	Pot Life 2-3 hours		
Yield 10L	V.O.C. Content 588g/litre		
Clean Up Dulux Avista Solvent			
Sizes 8.75L Part A, 1.25L Part B			
Meets GBCA V.O.C. Requirements? No			
Application Methods  Airless Spray  Brush  Roller			
Specifications	Solids by Volume		
	<input type="text" value="39"/>		
	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text" value="3"/>	<input type="text" value="10"/>	<input type="text"/>
Drying Time	Min	Max	Recommended
Touch Dry (min)	<input type="text" value="180"/>	<input type="text" value="360"/>	<input type="text"/>
Recoat Time (min/hours)	<input type="text" value="3 hours"/>	<input type="text" value="24 hours"/>	<input type="text" value="6 hours"/>
Comments	If greater than 24 hours (18 hours in summer) has elapsed between coats, the surface will need to be abraded and solvent wiped to provide extra key before additional coats are applied.		
Typical Property Notes Specific Gravity: 0.99 (mixed A+B) Tack free time @25 degrees C: 30min - 2 hours (depending on conditions) Film properties after mixing A+B and cured 7 days: Appearance clear and flexibility semi rigid Weathering resistance: Excellent - non yellowing			

Product Properties	
UV Resistance Excellent - non yellowing	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) No visual effect
Engine Oil No visual effect	Brake Fluid (Dot 3) No visual effect
Methylated Spirits No visual effect	
Sodium Chloride (Salt) No visual effect	Acetic Acid No visual effect

Slip Rating			
Surface Finish	Finish Coat	Slip Reducing Additive	Result
Steel Trowel finished concrete	Dulux Avista 2 Pack Urethane Sealer	No	P1
Steel Trowel finished concrete	Dulux Avista 2 Pack Urethane Sealer	Dulux Avista Slip Reducing Crushed Glass	P5
Steel Trowel finished concrete	Dulux Avista 2 Pack Urethane Sealer	Dulux Avista Slip Reducing Additive Powder	P4

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>Surface should be inspected for resealing after 4 years. Surface will need to be abraded before recoating.</p>

Application Guide

Surface Preparation

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. Cleaning with a 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 fully dry before sealing (sealing over damp concrete will cause whitening or cause sealer to lift).

Previously coated surfaces

Surfaces previously coated with Dulux Avista 2 Pack Urethane will require abrading & solvent wiping before being overcoated.

Abrade with 100-120 grit sandpaper & sanding pole, to create a physical key. Solvent wipe to remove any dust.

Surfaces that have an unknown coating, such as paints, curing agents or acrylic sealers must be removed by stripping or grinding.

Application Procedure and Equipment

Mixing Instructions

Mix 8.75L Part A and 1.25L Part B to make 10L kit.

Mix product with a paint stirrer until thoroughly mixed (approx. 1min).

If tinting, combine 1 x 1L of Dulux Avista Sealer Tint per 10L kit. Apply tint after Parts A & B have been combined & mixed. Mix again until colour is even.

Note: It is recommended to use a separate, larger container when tinting, to ensure sufficient room for mixing.

Application Instructions

For smooth concrete surfaces, the first coat must be diluted to penetrate into the substrate and provide better wetting. Dilution can be up to 20% with Dulux Avista Solvent. Diluted sealer must be used immediately. Do not store or return to original sealer.

Note: Dilution not required when using 2 Pack Urethane as a top coat over flakes or epoxies.

If there are some doubts about application and appearance, test a small area first.

Apply Dulux Avista 2 Pack Urethane by a suitable paint brush or roller or airless spray.

For roller application, a good quality 6mm-22mm nap, solvent resistant synthetic roller should be used. Nap length will vary depending on the substrate. For smooth surfaces, use a 6mm-10mm roller. For use over flake flooring, resurfacing or coarse concrete, a longer nap is recommended.

For airless spray application, 20% Dulux Avista Solvent should be added.

A second should be applied within 6 - 24 hours (18 hours in summer), dependent on conditions prevailing. Adhesion between coats can be difficult to obtain if the product is allowed to fully cure. If greater than 24 hours has elapsed since the previous coat, the surface requiring abrading and solvent wiping to provide extra key before additional coats are applied.

Note: Areas finished with Dulux Avista 2 Pack Urethane can become slippery when wet. For increased slip resistance, Dulux Avista Slip Reducing Crushed Glass or Dulux Avista Slip Reducing Additive Powder can be used with this product. Refer to the relevant product TDS for application instructions.

Health and Safety

SDS Number

PAR000121

SDS Link

[View SDS Link](#)

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

Precautions and Limitations

Cannot be applied over solvent based acrylic sealers.
 If more than 24 hours has elapsed between coats, the surface will require abrading before additional coats are applied.
 When surface requires resealing, the surface will be need to be abraded before overcoating.
 Product should not be applied under 8 degrees or over 30 degrees.
 Surface may become slippery when wet.
After sealing it is recommended that the sealed surface be protected from:
 Rain/water/sprinkler systems for minimum 6 hours
 Foot traffic for a minimum of 24 hours*
 Vehicle traffic for a minimum of 72 hours*
 *Actual time may vary depending weather conditions and coating thickness.

Transport and Storage

Size:	Weight:
8.75L	8.98kg
Size:	Weight:
1.25L	1.44kg

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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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