

AUAV00010 Dulux Avista Internal Flooring Polyurethane Sealer Gloss

Introduction

Product Code
FD478093-10L
FD478093-20L

Product Overview and Image

Dulux Avista® Polyurethane Sealer is a moisture-cured single-pack clear gloss polyurethane that will provide a hard-wearing, non-yellowing coating for both internal and external concrete surfaces.



Product Category
Concrete Sealer




Features and Benefits

- Moisture cured single pack polyurethane
- Extremely durable and hard wearing
- Very good solvent and chemical resistance
- Gloss finish
- Ideal for high traffic areas

Uses

Dulux Avista Polyurethane Sealer can be used on internal and external concrete including polished concrete flooring and benchtops and flake and polymer floors. It is ideal for high traffic areas.

Caution: this product is not recommended for use in wet areas as the surface may become slippery when wet

Typical Properties			
Components 1			
V.O.C. Content 562			
Clean Up Dulux Avista solvent			
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="18 hours"/>	<input type="text" value="6 hours"/>
Comments	<p>If greater than 18 hours has elapsed the first coat will need to be abraded and solvent wiped to provide extra key before the second or third coats are applied.</p>		
Typical Property Notes Resin type: Single pack industrial grade self curing system. S.G: 0.98 (9.8 kg / 10 litre) NICO: 2.8 – 3.1			

Product Properties	
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 Polyurethane Sealer	No	P1
Steel Trowel finished concrete	Dulux Avista Polyurethane 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
<p>Surface Preparation</p> <p>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, 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 or cause sealer to lift).</p> <p>Previously coated surfaces Surfaces previously coated with Dulux Avista Polyurethane Sealer 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 removed by stripping or grinding.</p>
<p>Application Procedure and Equipment</p> <p>Application 1st Coat 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 Polyurethane Sealer as a top coat over flakes or epoxies. If there are some doubts about application and appearance, test a small area first. Apply by either a suitable paint brush or roller or airless spray. For roller application, a good quality 10mm-22mm nap, solvent resistant synthetic roller should be used. Nap length will vary depending on the substrate. For smooth surfaces, use a 10mm roller. For use over flake flooring a longer nap is recommended. For airless spray application, 20% Dulux Avista Solvent should be added.</p> <p>Application 2nd Coat Second coat should be applied within 6 -18 hours dependent on conditions prevailing. If too much time is allowed for cure, adhesion can be difficult to obtain on subsequent coats. If too much time has elapsed then the first coat will have to be abraded and solvent wiped to provide extra key before additional coats are applied. When surface is thoroughly dry, a very light mist of water over the Avista Polyurethane will accelerate cure. Recommended pump action sprayer or small spray bottle.</p> <p>Note: Replace lid immediately after pouring required amount into roller tray. Failing to tightly reseal the lid can cause the product to cure in the drum.</p>

Health and Safety	
SDS Number PAR000336	SDS Link View SDS Link
Please refer to SDS Link. In case of emergency, please call 1800 220 770.	

Precautions and Limitations
<p>Ensure lid remains on drum tightly. Allowing air/moisture into the drum will cause the product to set.</p> <p>Needs moisture to cure hard.</p> <p>Low humidity inhibits cure.</p> <p>Cannot be applied over solvent based acrylic sealers.</p> <p>Not tintable with any colour tints</p> <p>The surface should not have foot traffic for at least 48 hours or vehicle traffic for at least 5 days.</p>

Transport and Storage				
<table> <tr> <td>Size:</td> <td>Weight:</td> </tr> <tr> <td><input type="text" value="10L, 20L"/></td> <td><input type="text" value="10.1kg, 21kg"/></td> </tr> </table>	Size:	Weight:	<input type="text" value="10L, 20L"/>	<input type="text" value="10.1kg, 21kg"/>
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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.