

## AUAV00131 Dulux Avista Waterbased Tintable Base Matt

### Introduction

SKU  
FD278070-15L

### Product Overview and Image

Dulux Avista® Concrete Sealer Waterbased Tintable Base coating is suitable for interior and exterior concrete surfaces as well as paved areas. It has UV and fade resistance and resists stain, dirt and hot tyre pick up. It has good marking resistance, is non yellowing, fast drying, low odour and is easy to apply.







Product Category  
**Concrete Sealer**

### Features and Benefits

- Durable, tintable, protective coating
- Resists stain, dirt and hot tyre pick up
- UV and fade resistance
- Low odour and fast drying

### Uses

Dulux Avista Concrete Sealer Waterbased Tintable Base can be used for internal and external concrete surfaces including pavers, stamped, stencilled, coloured & bare concrete and hardie decks. It is not suitable for vertical surfaces. It can also be applied over Dulux Avista solvent based acrylic sealers and Dulux Avista waterbased coatings.

Typical Properties			
Components <b>1</b>	Mixing Ratio <b>Not Applicable</b>		
Shelf Life <b>2 years minimum from Date of Manufacture, in an unopened container</b>	Pot Life <b>Not Applicable</b>		
V.O.C. Content <b>70 g/L</b>			
Clean Up  <b>Water</b>			
Sizes <b>15L</b>			
Application Methods  <b>Air Spray</b>  <b>Brush</b>  <b>Roller</b>			
Specifications	Solids by Volume <input type="text" value="33.4"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="125"/>	<input type="text" value="250"/>	<input type="text" value="167"/>
Dry Film Per Coat (microns)	<input type="text" value="41.75"/>	<input type="text" value="83"/>	<input type="text" value="55.7"/>
Theoretical Spread Rate (m <sup>2</sup> /L)	<input type="text" value="8"/>	<input type="text" value="4"/>	<input type="text" value="6"/>
Drying Time	Min	Max	Recommended
Touch Dry (min)	<input type="text" value="30"/>	<input type="text"/>	<input type="text"/>
Recoat Time (min/hours)	<input type="text" value="1 hr"/>	<input type="text" value="7 days"/>	<input type="text" value="2 hrs"/>
Comments	<input type="text" value="Drying times on a day around 25°C and 50% humidity. Under cool or humid conditions allow longer time. Ensure temperature is above 10°C or below 30°C during application and drying."/>		

Slip Rating			
Surface Finish <b>Steel Trowel finished concrete</b>	Finish Coat <b>Dulux Avista Waterbased Tintable Base Matt</b>	Slip Reducing Additive <b>Dulux Avista Slip Reducing Additive Powder</b>	Result <b>P5</b>

## Application Guide

### Surface Preparation

#### Bare concrete surfaces

1. Ensure concrete is fully cured (14–30 days depending on conditions) and free of grease, oil or paint. Clean surface with a commercial grade, general purpose cleaner.
2. Acid etch using Dulux Avista Hydrochloric Acid (dilute approximately 20 parts water to 1 part acid). Pressure clean the surface before acid dries.
3. Pour Dulux Avista Waterbased Bare Concrete Primer into a roller tray and apply 2 even coats onto the damp surface using a good quality roller. Allow 1 hour between coats. Allow surface to dry.
4. Apply 2 coats of Dulux Avista Concrete Sealer Waterbased Tintable Base using a 20mm nap roller, allowing it to dry for 1 hour in between coats.

#### Previously sealed concrete surfaces

If the surface has been sealed on multiple occasions (sealed on more than 4 occasions), a cross hatch test should be done to check whether the surface needs to be stripped before applying the sealer. Applying multiple coats can lead to the surface becoming a slip hazard.

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. Delamination may reoccur if new coat of sealer is applied over this problem.

#### Surfaces previously sealed with solvent based acrylic resins

1. Carry out xylene test to confirm if previous coating was solvent based acrylic resins. Check label for Dulux Avista Sealed Surface Primer or Technical Data Sheet (TDS) for instructions.
2. Clean surface with a general purpose cleaner and allow to dry.
3. Apply 1 coat of Dulux Avista Sealed Surface Primer using a 15mm nap roller. Allow to dry.

#### Application Method

Brush (50-60mm high quality brush) and roller (20mm nap, synthetic fiber). If spraying, ensure even film build and correct spread rate. Stir thoroughly before and during use.

1. Stir well before and during application with a broad, flat paddle using an up and down scooping action.
2. Use a brush to apply to any edges and hard-to-reach places.
3. Then, use a roller to apply 1st coat of Dulux Avista Concrete Sealer Waterbased Tintable Base evenly across the surface. Work in small sections, slightly overlap the previous section to minimize raised edges, maintaining a wet edge.
4. Lay off. Once section is coated, gently go over the surface in the same direction with an unloaded roller using minimal pressure. This will give a smooth consistent finish. Using poor quality or worn rollers can affect the final finish achieved.
5. Allow to fully dry before applying the 2nd coat.
6. Add the Dulux Avista Slip Reducing Additive if required by pouring the additive slowly into the sealer, while mixing with a hand paddle. To avoid settling stir through every 2 minutes. It can be added into any coat of sealer.
7. Use 500g of Dulux Avista Slip Reducing Additive for the 15L sealer pail.
8. Apply 2nd coat by repeating steps 2-4.

**Tip:** Ensure that the sealer is worked into the lows and highs of the concrete surface which can be achieved by using a brush or a roller.

#### IMPORTANT NOTES FOR USE OF PRODUCT

- Dulux Avista Waterbased Sealed Surface Primer is required to improve adhesion to existing solvent based acrylic resins.
- When using on bare/unsealed concrete, Dulux Avista Waterbased Bare Concrete Primer must be applied before the Dulux Avista Concrete Sealer Waterbased Tintable Base.
- Dulux Avista Concrete Sealer Waterbased Tintable Base withstands short periods of exposure to typical automotive fluids but these should be washed off promptly to avoid staining or damage. Some contaminants have an impact on the coating within a short time period and must be removed in less than one hour if they are spilt on the surface. Materials like brake fluid must be removed promptly otherwise they will permanently damage the surface.
- Regular cleaning is recommended to prevent discolouration.

Health and Safety	
SDS Number <b>DLXGHSEN004451</b>	SDS Link <a href="#">View SDS Link</a>
Using Safety Precautions Wear overalls, safety glasses and impervious gloves.  Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variation in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.	
<p><b>Please refer to SDS Link. In case of emergency, please call 1800 220 770.</b></p>	

Precautions and Limitations
<p>Do Not coat surfaces at ambient temperatures below 10C or when the temperature of the surface may fall below 10C during the drying period.</p> <p>Do Not coat surfaces at ambient temperatures above 30C or when the temperature may exceed 30C during the drying period.</p> <p>Do Not over-spread. This is a functional wear coating and needs to be applied at recommended coating weights (film build) to provide the expected wear and performance needs.</p> <p>Do not seal in high winds or if rain is likely. Check the nature of any surface that is to be overcoated, prior to coating over painted surfaces. This is not a waterproofing coating. The coating should not be exposed to submerged water situations.</p> <p><b>Sloped Surfaces</b> Surfaces sealed multiple times can create a slip hazard. Due to slip risk, do not use Dulux Avista products on gradients greater than 1:8 or angles steeper than 7°. A slope greater than 1:8 needs to be assessed and coated professionally. Download a suitable app to discern the angle of your sloped surface.</p> <p>Dulux Avista Waterbased Tintable Sealer Matt <b>MUST BE APPLIED OVER EITHER</b> Dulux Avista Waterbased Bare Concrete Primer (FD278072) or Dulux Avista Waterbased Sealed Surface Primer (FD278066) to obtain proper surface adhesion. Preparation of the surface is essential for the project success. All grease, oil, mould, and dirt contamination must be removed, or the system will not adhere and will peel or flake off.</p> <p>Avoid exposure to rain or water for a minimum of 1 hour after application.</p> <p>Although the film is generally dry to touch in 30 minutes, allow 24 hours before light foot traffic and 5 days before vehicular traffic.</p> <p><b><u>New and Aged Concrete</u></b> For newly poured concrete, it is recommended to allow a minimum of 14 to 30 days for proper curing before proceeding with surface preparation and sealing. The curing process is a crucial stage in concrete development, where the concrete gains strength and durability over time. Failure to allow sufficient curing time can result in a weak and porous concrete surface, leading to adhesion issues and premature coating failure. Additionally, if the concrete is not fully cured, moisture can still be present within the surface, which can cause problems with coating adhesion and result in bubbling, blistering or peeling of the coating.</p> <p><b>Use of Dulux Avista Concrete Preparation System</b> If the concrete surface is bare or new, use Dulux Avista Waterbased Bare Concrete Primer (FD278072). If the concrete surface is pre-painted or another type of sealed surface, use the Dulux Avista Waterbased Sealed Surface Primer (FD278066).</p> <p><b><u>Adherence to minimum recoat times</u></b> It is critical to strictly adhere to the minimum recoat times to prevent any unintended reduction in gloss resulting from an early recoat. Prior to applying the topcoat, ensure to mask up any areas that do not require coating using high-quality masking tape. It is crucial to ensure that all areas are appropriately covered, as it will prove challenging to remove the coating once it has cured.</p> <p><b><u>Return to use</u></b> It is important to apply the recommended number of coats to ensure proper coverage and achieve adequate film builds. After 24 hours – the coated surface can accommodate light usage, such as walking. However, it is important to avoid placing any objects on the surface and to be cautious of exposure to water and other liquid materials. After 5 days – the surface can sustain general use, including driving and parking of vehicles.</p>

Transport and Storage	
Line Shade /Pack A <b>FD278070-15L</b>	
Size:	Weight:
<input type="text" value="15L"/>	<input type="text" value="18.265 kg"/>

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Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from [www.duspecplus.com.au](http://www.duspecplus.com.au). Climatic conditions at application time can affect product suitability and performance.

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.