AUAV00133 Dulux Avista Waterbased Bare Concrete Primer

Introduction

SKU
FD278072-10L

Product Overview and Image

Dulux Avista® Waterbased Bare Concrete Primer penetrates and stabilises the concrete surface creating a sound surface for applying the Dulux Avista Concrete Sealer Waterbased Tintable Base. It increases adhesion of the Dulux Avista Concrete Sealer Waterbased Tintable Base on bare concrete, is low odour, easy to apply and fast drying.



Features and Benefits

- Primes bare concrete before application of Dulux Avista Concrete Sealer Waterbased Tintable Base
- Penetrates, strengthens and stabilises the concrete surface
- Fast drying
- Low odour

Uses

Dulux Avista Waterbased Bare Concrete Primer can be used on bare concrete surfaces including pavers, coloured through bare concrete, bare internal concrete flooring and hardie decks.

Typical Properties

Components **1**	Mixing Ratio **Not applicable**
Shelf Life **2 years minimum from Date of Manufacture, in an unopened container.**	Pot Life **Not applicable**

V.O.C. Content
4g/L

Clean Up
Water

Sizes
10L

Application Methods
Air Spray **Brush** **Roller**

Specifications

Solids by Volume: **19**

	Min	Max	Recommended
Wet Film Per Coat (microns)	83	100	100
Dry Film Per Coat (microns)	15.8	19	19
Theoretical Spread Rate (m²/L)	12	10	10

Drying Time

	Min	Max	Recommended
Touch Dry (min)	30		
Recoat Time (min/hours)	1 hr	7 days	1 hr

Comments: **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.

Application Guide

Surface Preparation

Surface Preparation
Dulux Avista Waterbased Bare Concrete Primer requires a clean surface to adhere. All grease, oil, mould, and dirt contamination must be removed, or the primer will not penetrate and adhere.
Surface must be prepared by pressure washing and etching as per following process.

All New and Bare concrete surfaces
On all surfaces, cleaning is the most important step. The concrete must be cleaned well and profile correctly.

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). Dulux Avista Hydrochloric Acid should not be allowed to dry. Some reaction products from the acid may form insoluble residue. If this occurs and the surface dries, these residues will be very hard to remove.
3. Pressure clean the surface before acid dries. Use a squeege to remove excess water.
4. 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. Under hot conditions, make sure the surface is damp before application.
5. Allow 1 hour between coats.
6. Reference Dulux Avista Concrete Sealer Waterbased Tintable Base TDS for top coat application instructions.

NB: Acid alone will not clean the concrete, nor will it break down oils and silicone residue. Acid only works by reacting with the alkaline salts in the concrete. If the concrete is covered with these residues, the acid will likely just sit there and do nothing.

NB: Dulux Avista Waterbased Bare Concrete Primer can be applied to damp concrete. The bare concrete must be absent of any ponded surface water and preferably be on its way to being noticeable dry before the primer is dried.

Application Method
Brush (50-65mm high quality brush) and roller (15mm nap, 230mm or 270mm wide microfibre roller). If spraying, ensure even film build and correct spread rate. Stir thoroughly before and during use.

1. Mask all adjacent surfaces to prevent product contaminating areas that are not needed for the application.
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 Waterbased Bare Concrete Primer evenly across the surface.
4. Allow the coated surface to dry up to an hour depending on ambient temperatures before applying a 2nd coat.
5. Apply desired Dulux Avista water-based topcoats.

Health and Safety

SDS Number	SDS Link
DLXGHSEN004450	View SDS Link

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.

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

Precautions and Limitations

Do Not coat surface at ambient temperatures below 10C or when the temperature of the surface may fall below 10C during the drying period.
Do Not coat surface at ambient temperatures above 30C or when the temperature may exceed 30C during the drying period.

Sloped Surfaces
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.

Avoid exposure to rain or water for a minimum of 1 hour after application.
Although film is generally dry to touch in 30 minutes, allow 24 hours before light foot traffic and 5 days before vehicular traffic.

Only suitable for use under other Dulux Avista Waterbased Tintable topcoats.

New Concrete:
For newly poured concrete, it is recommended to allow a minimum of 14–30 days depending on conditions for proper curing before proceeding with surface preparation and priming. 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.

Old Concrete:
Old concretes must be properly etched and cleaned prior to application of Dulux Avista Waterbased Bare Concrete Primer.

Transport and Storage

Line Shade /Pack A

FD278072-10L

Size:	Weight:
10L	**10.922 kg**

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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.