AUAV00004 Dulux Avista Concrete Sealer Coloured Semi Gloss

Introduction

Product Code
FD278060, FD278061, FD278062

Product Overview and Image

Avista Concrete Sealer Tintable Base is to be mixed together with Avista Concrete Sealer Colour Tint to provide a protective coloured coating to re-colour or refresh most concrete surfaces.

Features and Benefits

- Tintable protective coloured coating
- Wide range of popular colours
- Solvent based
- Semi gloss finish
- Recolours all types of concrete surfaces
- Easy to apply

Uses

Avista Coloured Concrete Sealer can be used on most types of exterior concrete surfaces including pavers and stamped, stencilled, plain, coloured and resurfaced concrete It is not suitable for internal concrete floors..
Caution: this product is not recommended for use on smooth or steep concrete surfaces as it may cause the surface to become slippery, particularly when wet.

Typical Properties

Components
1

Yield	V.O.C. Content
Approx 3-5m2 per L per coat	**689g/L**

Clean Up

Thinner

Application Methods

Air Spray **Brush** **Roller**

Specifications

Solids by Volume: **24**

	Min	Max	Recommended
Wet Film Per Coat (microns)	167	333	250
Dry Film Per Coat (microns)	40	80	60
Theoretical Spread Rate (m²/L)	3	6	4

Typical Property Notes
Thinning not required
Recommended film build: Approx 40-80 microns dry per coat

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**
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**
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

Remove oil, grease and other contaminants immediately with a general purpose cleaner

Application Guide

Surface Preparation

Preparation Instructions for 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. Stiff broom and general purpose cleaner recommended.
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 laitence.
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 laitence 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).

Prime Coat
Prime coat the surface first with Avista Concrete Sealer Primer and leave to dry for a minimum of 2 hours. The Sealer Primer can be tinted with the required colour by adding 1L of Avista Colour Tint to the Primer and mixing thoroughly for 3-4 minutes using a hand paddle.
Do not dilute colour sealer.
Note: For new resurfaced concrete, do not use Sealer Primer.

Preparation Instructions for Sealed Concrete
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 “cross-hatch” 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 current sealer shows signs of whitening or blooming, regardless of cross hatch test results, sealer may need to be stripped completely from the surface.
Whitening may reoccur if new coat of sealer is applied over this problem.

Cleaning
Concrete is to be clean and free of grease and oil. Stiff broom and general purpose cleaner 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).

Solvent Treatment
If the existing sealer on the surface is more than 2 years old, Solvent is required to reactivate the existing sealer. This will help with the adhesion of the new sealer coat. Apply Avista Solvent to the area being resealed using a roller and roller tray.
Note: If resealing a resurfaced area, DO NOT apply too much Solvent as it may soften the resurfacing product.? Complete solvent treatment of entire surface. Allow area to dry enough to walk on before proceeding to the next stage.

Prime Coat
Prime coat the surface first with Avista Concrete Sealer Primer and leave to dry for a minimum of 2 hours. The Sealer Primer can be tinted with the required colour by adding 1L of Avista Colour Tint to the Primer and mixing thoroughly for 3-4 minutes using a hand paddle.
Note: For new resurfaced concrete, do not use Sealer Primer.

Application Procedure and Equipment

Application Methods
Sealer to be applied by a suitable solvent resistant lambswool roller.
Add 1L of Avista Colour Tint to 19L Avista Tintable Base and mix thoroughly for 3-4 minutes using a hand paddle.
The sealer must be mixed regularly during application to ensure colour consistency.
To apply sealer, pour sealer into a roller tray, and evenly roll onto the surface.
Ensure sealer is not applied too thick and no pooling occurs as bubbling can occur.
Avoid excess sealer build up on the edges of the roller. This can lead to roller lines in the surface.
If required, a second coat of sealer can be applied after a minimum of 2 hours, (recommended recoat 2-6 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.
To obtain a lower slip factor it is advisable to use the appropriate Slip Resistant Additive with the sealer for better grip under adverse conditions e.g wet areas, steep slopes and pool surround areas.

Health and Safety

SDS Number	SDS Link
	View SDS Link

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

Precautions and Limitations

Not to be used untinted.
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 for food preparation areas.
Not a waterproofing membrane.
Do not seal at temperatures below 8°C or above 30°C.

Transport and Storage

Line Shade /Pack A

Concrete Sealer Tintable Base

Size:	Weight:
19L	**19.95kg**

Pack B

Concrete Sealer Colour Tint

Size:	Weight:
1L	**1.31kg**

Disclaimer

Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

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. 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.