AUAV00001 Dulux Avista Concrete Sealer Extended Wear Semi Gloss

Introduction

Product Code
FD278053

Product Overview and Image

Avista Concrete Sealer Extended Wear is a solvent based clear sealer which provides a highly durable protective clear coating for concrete driveways, paths and paved areas

Features and Benefits

- Solvent based clear semi gloss sealer
- Protects from dirt, oil and fuel
- Excellent marking resistance
- Durable sealer for all types of concrete surfaces
- Enhances the natural colour of the surface
- Helps protect the surface from the ingression of dirt, oil and grime
- Easy to apply

Uses

Avista Concrete Sealer Extended Wear can be used on most types of exterior concrete surfaces including pavers and stamped, stencilled, resurfaced and coloured 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

V.O.C. Content
684g/L

Clean Up

Thinner

Dulux Avista Solvent

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

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) **Slight softening of surface - immediately clean with detergent and when dry treat with Dulux Avista Solvent**
Engine Oil **No visual effect**	Brake Fluid (Dot 3) **Slight softening of surface - immediately clean with detergent and when dry treat with Dulux Avista Solvent**
Distillate **No visual effect**	Methylated Spirits **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.
NOTE: surface will need to be resealed at 18 – 24 months.

Application Guide

Surface Preparation

Unsealed concrete surfaces
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 approx 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 the surface with Avista Sealer Primer with a roller, broom or spray and leave to dry for a minimum of 2 hours.

Previously sealed concrete surfaces
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 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, oil and any other contaminants. A stiff broom and general purpose cleaner are 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 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 the surface with Avista Sealer Primer with a roller, broom or spray and leave to dry for a minimum of 2 hours.

Application Procedure and Equipment

Pour Avista Concrete Sealer Extended Wear into a roller tray and roll evenly onto surface using a good quality roller. Apply 2 coats of the Sealer. Allow a minimum of 2 hours between coats.
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 Reducing 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
PAR000614	**View SDS Link**

Using Safety Precautions
Recommended PPE:
Organic vapour respirator mask
External covered areas must have adequate natural ventilation due to fumes emitted during and after application
Solvent resistant gloves
Safety eye wear
Appropriate solvent and acid resistant foot wear

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

Precautions and Limitations

The sealed surface should not have foot traffic for at least 24 hours and vehicle traffic for at least 5 days.
Designed for exterior use
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 reducing additives available).
Not for food preparation areas.
Not a waterproofing membrane.
Do not seal at extreme temperatures below 8°C or above 30°C.

Transport and Storage

Size:	Weight:
4l, 20L	**3.87kg, 22.16kg**

Disclaimer

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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. 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.