

AUAV00181 Dulux Avista Penetrating Sealer Clear

Introduction

Product Code
FD278068-15L
FD278068-4L

Product Overview and Image

Dulux Avista® Waterbased Penetrating Sealer is designed to repel water, reduce dirt pick up and resist staining while maintaining the natural appearance of masonry surfaces. It is suitable for use interior and exterior decorative bare concrete surfaces, porous natural stone pavers and bricks.



Product Category
Concrete Sealer

Features and Benefits

- Maintains a natural surface finish
- Breathable and non-film forming
- Superior resistance to water and salts
- Very low VOC
- Does not contain harmful fluropolymers
- Fast drying - walk on in 1 hour
- Does not require routine re-sealing

Uses

Uncoated (never coated or ground), porous masonry surfaces:

- Concrete (fully cured for minimum 28 days - plain & coloured)
- Brick
- Porous natural stone (sandstone, limestone, bluestone, travertine)

Not suitable for previously sealed concrete.

Typical Properties			
Components 1			
V.O.C. Content 0			
Clean Up  Water			
Sizes 15L			
Application Methods  Brush  Pad  Broom Low pressure garden sprayer			
Specifications			
	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	4	8	
Drying Time			
	Min	Max	Recommended
Touch Dry (min)	60		
Recoat Time (min/hours)	0 mins	10 mins	
Comments	Must be applied wet-on-wet, once first coat dries reapplication is not possible.		

Product Properties	
UV Resistance Excellent - non yellowing	Water Excellent

Maintenances
Surface should be cleaned regularly, removing mud, dirt & gravel by sweeping and/or light pressure cleaning. Remove oil, grease and other chemicals contaminants immediately. Remove excess leaf & organic matter to avoid staining. Dulux Avista Waterbased Penetrating Sealer does not require routine re-sealing.

Application Guide

Surface Preparation

Newly Cured and Aged Uncoated Concrete

Ensure concrete is sufficiently cured (recommended minimum 28 days) and structurally sound.

Carry out water beading tests in a representative number of areas of surface. If water beads then this product is not suitable, or surface treatments (such as bond breakers) will need to be removed.

Concrete is to be clean and free of loose particles, concrete laitance, mould/algae, grease, oil, adhesives, paint, curing agent or any chemicals.

A 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 concrete porosity) to remove any loosely bound cement and laitance. Smooth concrete has lower porosity and will require a higher acid content. Maximum strength 10 parts water to 1 part acid.

Note: Surfaces prepared by grinding will not require acid etching.

Porous Natural Stone Pavers and Bricks

Carry out water beading tests in a representative number of areas of surface. If water beads then this product is not suitable.

Substrate is to be clean and free of loose particles, concrete laitance, mould/algae, grease, oil, adhesives, paint, curing agent or any chemicals.

A 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.

Previously Sealed Concrete

This product is not suitable for previously sealed concrete.

Do not apply if Relative Humidity is above 85% or temperature is within 3°C of Dew Point. Do not apply if the surface temperature is greater than 30°C or below 10°C, or likely to fall below 10°C during the application or drying period. Do not apply if rain is expected in next 12 hours.

Application Procedure and Equipment

A minimum of two coats of sealer, applied wet on wet, is recommended for best performance. One heavy coat can be suitable, dependent on the substrate profile and porosity.

Dilution of the product is recommended. Dilution ratios will vary depending on the porosity of the substrate.

Standard concrete - 2 parts sealer to 1 part water

Less porous surfaces - 1 part sealer to 1 part water

Highly Porous surfaces - no dilution, use as supplied.

1. Mix or shake product prior to ensure it is homogenous. The product can leave a patchy finish if not mixed well prior to use.
2. Using a low pressure garden sprayer, apply a heavy, even coating to the clean, dry substrate. Ensure surface has been fully covered and allow the sealer to penetrate the surface for 5 minutes.
3. If the sealer has fully absorbed in the surface after 5 minutes, an additional coat should be applied immediately. Ensure all subsequent applications are light and even to prevent pooling. Work in multiple directions to avoid missing patches.
4. Any excess sealer that has not absorbed into the surface within 10 minutes of application must be removed using a lambswool applicator, microfibre cloth, or clean rag. Allowing unabsorbed sealer to dry on the surface will lead to a visible, cloudy residue remaining on the surface.

Note: Do not apply an additional coat if the previous coat has dried. Once dry the product will no longer penetrate the substrate and may result in a white, cloudy residue on the surface.

Return to service:

Foot traffic - 3 hours

Light vehicular traffic - 24 hours

Health and Safety

SDS Number
DLX004848

SDS Link
[View SDS Link](#)

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

Precautions and Limitations

Do not seal if rain is expected within 12 hours of application
 Ensure footwear is clean and free from dirt or contaminants prior to application.
 For best results apply to dry surface that has not been recently wet.
 Do not apply if the surface temperature is greater than 30°C or below 10°C, or likely to fall below 10°C during the application or drying period.
 Avoid application in direct sunlight or in windy conditions which can accelerate the drying process. Under hot conditions, more water dilution can help.
 Maximum dilution is 1 part sealer to 1 part water.
 Allowing excess sealer to dry on the surface will leave a visible white, cloudy residue.
 This is a permanent treatment of the surface. Application of systems over the top of Dulux Avista Waterbased Penetrating Sealer will be difficult.
 Damage may occur if product comes into contact on surfaces other than masonry, such as metal or glass. Please take care to cover and protect these areas prior to application. If contact with these surfaces occurs, wash product off immediately with water.

Transport and Storage

Line Shade /Pack A

FD278068-15L

Size:

Weight:

15L

15 kg

Further Information

Dulux Avista Waterbased Penetrating Sealer Application

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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.