

NZDU04276 Dulux Concrete & Paving Anti-Slip Additive Non Slip

Description and Image

Dulux Concrete & Paving Anti-Slip Additive is specially formulated for use in Dulux Concrete & Paving Clear Protective Sealer. Ideal for use in areas that become slippery when wet such as pool surrounds, sloping paths and outside steps. Dulux Concrete & Paving Anti-Slip Additive achieves a minimum of a P4 slip rating when applied as directed, as tested to AS 4586:2013*. SLOPED SURFACES: Add the Dulux Concrete & Paving Anti-Slip Additive to gain a slip resistant surface. Do not apply to gradients greater than 1:8, even with the use of the anti-slip additive, due to slip risk.



Features and Benefits

- Achieves a minimum of a P4 slip rating when applied as directed.

Uses

Dulux Concrete & Paving Anti-slip Additive is designed for use with Dulux Concrete & Paving Clear Protective Sealer to produce slip resistance on concrete & paving surfaces.

✓ Interior ✓ Exterior

Precautions and Limitations**All preparation and painting must conform to AS2311: The Painting of Buildings.**

Do Not paint at surface temperatures below 10C or when the temperature of surface may fall below 10C during the drying period.

Do Not paint at surface temperatures above 35C or when the temperature may exceed 35C during the drying period.

Do Not apply to pavement surfaces that have a gradient greater than 1:8 or slope of 7 degrees.

For surfaces greater than 1:8 or 7 degrees please refer to Dulux Help and Advice for assistance.

Preparation of the surface is essential for the project success. All grease, oil, mould, and dirt contamination must be removed, or the coatings will not adhere and will peel or flake off.

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.

New Concrete:

For newly poured concrete, it is recommended to allow a minimum of 4 weeks for proper curing before proceeding with surface preparation and painting. 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.

Previously painted surfaces:

A previously painted surface refers to a surface that has already been painted or coated with a layer of paint or coating material. When a concrete or paving surface has been previously painted, it is important to consider the condition of the existing coating before applying any new coating material. The surface may need to be cleaned, stripped, or sanded to remove any loose or peeling paint, and any areas of damage or deterioration may need to be repaired.

Non-porous surfaces:

A non-porous surface refers to a surface that does not allow water or other liquids to pass through it. non-porous surfaces have a low porosity, meaning they have very small or no open spaces or pores that can absorb water or other substances.

Examples of non-porous surfaces include:

- Sealed concrete: concrete surfaces that have been treated with a sealant or coating to create a barrier that prevents moisture from penetrating into the concrete.
- Porcelain or ceramic tiles: these types of tiles have a glazed surface that makes them non-porous and resistant to moisture.
- Epoxy coatings: epoxy coatings are applied to concrete surfaces to create a non-porous barrier that is resistant to moisture and chemicals.

Use of Dulux Concrete & Paving Prep System

- If the concrete surface is bare or new, use Dulux Concrete & Paving Bare Etch & Clean (52ZD0198)
- If the concrete surface is pre-painted or other sealed surfaces, use Dulux Concrete & Paving Sealed Surface Cleaner (52ZD0184)

Product Application

- Dulux Concrete & Paving Anti-slip Additive must be incorporated into Dulux Concrete & Paving Clear Protective Sealer (32QD0170,32QD0175) to achieve a P4 slip rating, especially in wet areas, pool surrounds, and steps.
- **Do Not** Use Dulux Concrete & Paving Bare Concrete Primer (52ZD0183) and Dulux Concrete & Paving Sealed Surface Primer (52ZD0200) prior to application of Dulux Concrete & Paving Clear Protective Sealers, including Dulux Concrete & Paving Anti-slip Additive.
- **Do Not** incorporate Dulux Concrete & Paving Anti-Slip Additive (32QD0175) into Dulux Concrete & Paving water-based topcoats. Dulux Concrete & Paving water-based topcoats are Dulux Concrete & Paving Coloured Sealer (52RD0152, 52ND0152), Dulux Concrete & Paving Crushed Pebble Effect (52WD0165, 52WD0173), Dulux Concrete & Paving Super Grip (52VD0153)

Return to use:

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.

FAQ Reference

<https://www.dulux.com.nz/products/concrete-paving/faq>.

Typical Properties

Gloss Level Not applicable	
Colour Colourless beads	
Components 1	Number of Coats Not applicable.
V.O.C. Level Not applicable.	
Shelf Life 2 years minimum from Date of Manufacture, in an unopened container.	
Sanding Properties Not applicable.	Mixing Ratio For 10L Dulux Concrete & Paving Clear Protective Sealer, stir in 300g of Dulux Concrete & Paving Anti-slip Additive (52ZD0182-300G) For 4L Dulux Concrete & Paving Clear Protective Sealer, stir in 120g of Dulux Concrete & Paving Anti-slip Additive (52ZD0182-120G) If less paint is required, add 30g of Dulux Concrete & Paving Anti-slip Additive PER LITRE of Dulux Concrete & Paving Clear Protective Sealer.
Pot Life Not applicable.	Touch Dry Not applicable.

Application Guide

Surface Preparation

Preparation of the surface is essential for the project success. All grease, oil, mould, and dirt contamination must be removed, or the paint will not adhere and will peel or flake off.

All new and old bare concretes

1. New concrete surfaces should be allowed to cure for at least 28 days prior to painting.
2. Pressure wash the surface (use a 1200psi or higher-pressure machine) to remove dirt dust, algae, mould and other contaminants as well as possible.
3. Apply Dulux Concrete & Paving Bare Concrete Etch & Clean (52ZD0198) using a plastic watering can evenly apply, before scrubbing into the surface. (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. Dulux Concrete & Paving Bare Concrete Etch & Clean contains both acid and surfactants. The latter are designed to help remove any oily residues in the surface)
4. Allow Dulux Concrete & Paving Bare Concrete Etch & Clean to remain on the surface for 10-15 minutes even though most reaction (seen as bubbling/fizzy reaction) will likely subside after a couple of minutes. Ensure that the surface does not dry out. 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
5. Power wash the surface to remove all residues released.
6. Allow the cleaned surface to fully dry.

Previously painted concrete surfaces & non-porous surfaces

1. Pressure wash the surface (use a 1200psi or higher-pressure machine) to remove dirt dust, algae, mould and other contaminants as well as possible
2. Apply Dulux Concrete & Paving Sealed Surface Cleaner (52ZD0184) using a plastic watering can evenly apply, before scrubbing into the surface. Allow Dulux Concrete & Paving Sealed Surface Cleaner to remain on the surface for 10-15 minutes even though most reaction (seen as bubbling/fizzy reaction) will likely subside after a couple of minutes. Ensure that the surface does not dry out.
3. Power wash the surface to remove all residues released.
4. Allow the cleaned surface to fully dry.

Combination surfaces (bare surface and sealed surface are present)

1. Pressure wash the surface (use a 1200psi or higher-pressure machine) to remove dirt dust, algae, mould and other contaminants as well as possible
2. Apply Dulux Concrete & Paving Sealed Surface Cleaner (52ZD0184) using a plastic watering can evenly apply, before scrubbing into the surface. Allow Dulux Concrete & Paving Sealed Surface Cleaner to remain on the surface for 10-15 minutes even though most reaction (seen as bubbling/fizzy reaction) will likely subside after a couple of minutes. Ensure that the surface does not dry out.
3. Power wash the surface to remove all residues released.

4. Apply Dulux Concrete & Paving Bare Concrete Etch & Clean (52ZD0198) using a plastic watering can, to bare patches of concrete. Allow Dulux Concrete & Paving Bare Concrete Etch & Clean to remain on the surface for 10-15 minutes even though most reaction (seen as bubbling/fizzy reaction) will likely subside after a couple of minutes. Ensure that the surface does not dry out. 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.
5. Power wash the surface to remove all residues released.
6. Allow the cleaned surface to fully dry.

Application Procedure and Equipment

Dulux Concrete & Paving Anti-slip Additive must be incorporated into Dulux Concrete & Paving Clear Protective Sealer (32QD0170, 32QD0175) to achieve a P4 slip rating, especially in wet areas, pool surrounds, and steps.

Do Not incorporate Dulux Concrete & Paving Anti-Slip Additive (32QD0175) into Dulux Concrete & Paving water-based topcoats.

- Dulux Concrete & Paving water-based topcoats are Dulux Concrete & Paving Coloured Sealer (52RD0152, 52ND0152), Dulux Concrete & Paving Crushed Pebble Effect (52WD0165, 52WD0173), Dulux Concrete & Paving Super Grip (52VD0153)

Mixing ratio:

- For 10L Dulux Concrete & Paving Clear Protective Sealer, stir in 300g of Dulux Concrete & Paving Anti-slip Additive (52ZD0182-300G)
- For 4L Dulux Concrete & Paving Clear Protective Sealer, stir in 120g of Dulux Concrete & Paving Anti-slip Additive (52ZD0182-120G)
- If less paint is required, add 30g of Dulux Concrete & Paving Anti-slip Additive PER LITRE of Dulux Concrete & Paving Clear Protective Sealer.

Application

1. Mix the required amount of Dulux Concrete & Paving Anti-slip additive into Dulux Concrete & Paving Clear Protective Sealer.
2. Mask all adjacent surfaces to prevent product contaminating areas that are not needed for the application.
3. Stir well before and during application with a broad, flat paddle using an up and down scooping action.
4. Use a brush to apply to any edges and hard-to-reach places.
5. Then, use a roller to apply 1st coat of Dulux Concrete & Paving Anti-Slip Additive (including the anti-slip additive) evenly across the surface. Work in small sections, slightly overlap the previous section to minimize raised edges.
6. 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.
7. Allow to fully dry before applying the 2nd coat
8. Apply 2nd coat by repeating steps 3-6.

Health and Safety

SDS Number DLXNZLEN004003	SDS Link View SDS Link
<p>Personal Equipment</p> <p>Wear overalls, safety glasses and impervious gloves.</p> <p>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> <p>Please refer to SDS link. In case of emergency, please call 1800 220 770</p>	
<p>Using Safety Precautions</p> <p>Keep out of reach of children.</p> <p>Keep windows and doors open during use and while drying.</p> <p>Use with adequate ventilation. If inhalation risk exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.</p>	
<p>Please refer to SDS Link. In case of emergency, please call 0800 220 770.</p>	

Transport and Storage	
Pack A	1
Size:	Weight:
0.120L, 0.300L	0.175KG 0.356KG
Flash Point >277(COC)	UN Number Not applicable
Dangerous Goods Class Not classified as Dangerous Goods	Package Group Not applicable

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.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

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.