AUDU05415 Dulux Concrete & Paving Clear Protective Sealer Matt Matt

Description and Image

Dulux Concrete & Paving Clear Protective Sealer is ideal for enhancing the natural look of surfaces in high traffic areas. This clear sealer is non-yellowing, easy to apply, and suitable
for protecting paths, steps, driveways and garage floors.

SLOPED SURFACES: Add the Dulux Concrete & Paving Anti-Slip Additive to gain a slip resistant surface. Do not apply to gradients greater than 8:1, even with the use of the anti-slip additive, due to slip risk. If unsure about your gradient please contact Dulux Help & Advice AUST 13 25 25, NZ 0800 800 424.

Features and Benefits

- Protects & rejuvenates the look of the surface
- Easy to apply
- Non-yellowing
- Ideal for use on garage floors and driveways
- Resists grease and oil stains
- Easy to clean

Uses

Ideal for stone and paving paths, steps, garage floors and driveways where you want to protect the surface while enhancing the natural look.

Suitable substrates: Concrete (including coloured, pattern sealed and stencilled concrete), pavers, natural and engineered stone, sandstone, exposed aggregate and pebbles, brick, unglazed terracotta tiles, limestone and porous tiles.

ONLY USE IN WELL VENTILATED SPACES

✓ **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 primer ill 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.

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)

Important: 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 Sealer Matt (32QD0170)

Adherence to minimum recoat times.

- It is critical to strictly adhere to the minimum recoat times to prevent any unintended reduction in gloss resulting from an early recoat.
- Prior to applying the topcoat, ensure to mask up any areas that do not require coating using a high-quality masking tape. It is crucial to ensure that all areas are appropriately covered, as it will prove challenging to remove the coating once it has cured.

Important: before applying Dulux Concrete & Paving Clear Protective Sealer Matt, it is critical to ensure that the surface is fully dried, and the moisture level is below 10%

Dry test

- To check the moisture in the concrete, cut a 300MM x 300MM sheet of plastic such as a heavy-duty garbage bag or cling wrap. Place it onto the concrete surface.
- Use a duct tape or masking tape to secure the edges of the plastic sheet and allow it to sit undisturbed for 2 hours.
- After 2 hours, remove the plastic and check for water droplets on the underside of the plastic or any signs of the concrete appearing darker in colour, which indicates the presence of moisture in the concrete.
- If moisture is present, it is not recommended to apply any solvent-based coating on the surface.
- If the moisture is a result of recent etching and cleaning of the concrete, wait for at least 24 hours (no exposure to rain or water) before performing the 'dry test' again to ensure that the concrete has sufficiently dried.

Product Application

For improved slip resistance, especially in wet areas, pool surrounds, and steps, it is crucial to incorporate Dulux Concrete & Paving Anti-slip Additive into the surface.

Do Not Use Dulux Concrete & Paving Clear Protective Sealer Matt (32QD0170) on any of Dulux Concrete & Paving water-based topcoats and vice versa.
The 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.au/products/concrete-paving/faq

Performance Guide	
Weather **Designed for interior and exterior use.**	Salt **Resistant against salt**
Heat Resistance **Resistant to heat up to 80oC**	Water **Resistant against water. This is not a waterproofing coating. The coating should not be exposed to ponded water situation.**
Abrasion **Good wet and dry burnish resistance and stain resistance.**	
Acid **Resistant against mild acids.**	Alkali **Resistant against mild alkalis**

Typical Properties	
Gloss Level **MATT**	Thinner **DO NOT THIN.** **Product is ready to use.**
Colour **Clear** **DULUX CONCRETE & PAVING CLEAR PROTECTIVE SEALER MATT 4L 32QD0170-4L 9300611611017** **DULUX CONCRETE & PAVING CLEAR PROTECTIVE SEALER MATT 10L 32QD0170-10L 9300611611024**	
Components **1**	Number of Coats **2 coats or more**
Toxicity **Lead free. Dry film is non-toxic**	V.O.C. Level **696g/L**
Shelf Life **2 years minimum from Date of Manufacture, in an unopened container**	
Sanding Properties **Not applicable**	Mixing Ratio **Not applicable**
Pot Life **Not applicable**	Touch Dry **30 minutes**
Clean Up Good quality Mineral Turps or Xylene	
Application Methods **Brush** **Roller**	

Application Conditions	Solids by Volume		
	21		
	Min	Max	Recommended
Wet Film Per Coat (microns)	167	167	167
Dry Film Per Coat (microns)	35	35	35
Recoat Time (min/hours)	120	120	120
Theoretical Spread Rate (m²/L)	6.00	6.00	6.00

Typical Property Notes
Touch Dry: 30 minutes.
Recoat: 2 hours.

Application Guide

Surface Preparation

Dulux Concrete & Paving Clear Protective Sealer Matt requires a clean surface to adhere.

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 Sealer Matt.

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 and the surface moisture level must be below 10% before the application of Dulux Concrete & Paving Clear Protective Sealer Matt.

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 and the surface moisture level must be below 10% before the application of Dulux Concrete & Paving Clear Protective Sealer Matt.

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 and the surface moisture level must be below 10% before the application of Dulux Concrete & Paving Clear Protective Sealer Matt.

Application Procedure and Equipment

Application
Brush (50-65mm high quality angled Sash Cutter brush) and roller (15mm nap, 230mm or 270mm wide microfibre roller)
Stir thoroughly before and during use.

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

Tip: for rough concrete with peaks and dips, you may find that the paint is difficult to apply in the dips. On the 1st coat try using the edges of the roller or a paint brush to work the paint into dips. Allow to fully dry.

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Application (Include Dulux Concrete & Paving Anti-slip Additive)

For improved slip resistance, especially in wet areas, pool surrounds, and steps, it is crucial to incorporate Dulux Concrete & Paving Anti-slip Additive (52ZD0182) into the surface.

For 10L Dulux Concrete & Paving Clear Protective Sealer Matt, stir in 300g of Dulux Concrete & Paving Anti-slip Additive (52ZD0182-300G)
For 4L Dulux Concrete & Paving Clear Protective Sealer Matt, 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 Matt.

1. Before applying Dulux Concrete & Paving Clear Protective Sealer Matt, mix in the required amount of Dulux Concrete & Paving Anti-slip additive.
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 Clear Protective Sealer Matt (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	SDS Link
DLXGHSEN004249	**View SDS Link**

Personal Equipment
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

Using Safety Precautions
Keep out of reach of children.
Keep windows and doors open during use and while drying.
Use with adequate ventilation. If inhalation risk exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

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

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Transport and Storage	
Pack A **1**	
Size: **4 LITRE, 10 LITRE**	Weight: **4.029KG, 9.902KG**
Flash Point **27 XYLENE**	UN Number **1263**
Dangerous Goods Class **Classified as Dangerous Goods Class 3**	Package Group **Not Applicable**

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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.

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.