AUDU05435 Dulux Concrete & Paving Stage 2 Sealed Surface Primer

Description and Image

Dulux Concrete & Paving Sealed Surface Primer is the second stage in the Dulux Concrete & Paving Heavy Duty Coating System. The revolutionary water-based formula is specially designed for use on previously painted concrete and other non-porous surfaces including primed, coloured, sealed, patterned, and stencilled concrete surfaces, pavers, sandstone, exposed aggregate and pebbles, brick, terracotta tiles (glazed or unglazed), glazed tiles, bluestone and non-porous natural and engineered stone, to provide optimal adhesion and a sound foundation for your finishing coats. Use in combination with Dulux Concrete & Paving Stage 3 Finish coats only.

NOTE: Under the lid is a part B 40mL Tube additive which must be mixed in before applying. Use within 3 days after part B is added.

SLOPED SURFACES
Due to slip risk, do not use Dulux Concrete & Paving products on gradients greater than 1:8 or angles steeper than 7°.



Features and Benefits

- For use on previously painted concrete and other non-porous surfaces including primed, coloured, sealed, patterned and stencilled concrete surfaces, pavers, sandstone, exposed aggregate and pebbles, brick, terracotta tiles (glazed or unglazed), glazed tiles, bluestone and non-porous natural and engineered stone.
- Creates a consistent surface for optimum adhesion.
- Water-based and easy to apply by brush and roller.

Uses

Areas to use: Sealed surfaces such as garage floors, driveways, paths, patios and steps

Suitable substrates: Concrete (including primed, coloured, sealed patterned and stencilled concrete), pavers, natural and engineered stone, sandstone, brick, terracotta tiles (glazed or unglazed), glazed tiles, bluestone and non-porous natural and engineered stone.

✓ 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.

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.

Only suitable for use under other Dulux Concrete & Paving water-based topcoats.

Do not use solvent-based Dulux Concrete & Paving Clear Protective Sealers on surfaces primed with Dulux Concrete & Paving Sealed Surface Primer.

Dulux Concrete & Paving Sealed Surface Primer requires a clean surface to adhere. All grease, oil, mould, and dirt contamination must be removed, or the primer will not adhere.

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.

FAQ Reference

https://www.dulux.com.au/products/concrete-paving/faq

Performance Guide	
Weather **Designed for interior and exterior use.**	Salt **This product is to be used as a primer only; when it is top coated with Dulux Concrete & Paving water-based topcoats, this system will be resistant against salt.**
Heat Resistance **This product is to be used as a primer only; when it is top coated with Dulux Concrete & Paving water-based topcoats, this system will have an upper heat resistance of 80oC**	Water **This product is to be used as a primer only; when it is top coated with Dulux Concrete & Paving water-based topcoats, this system will be resistant against intermittent water exposure. Not suitable for ponded water situation.**
Solvent **Sensitive to aromatic hydrocarbons and alcohols.**	Abrasion **This product is to be used as a primer only; when it is top coated with Dulux Concrete & Paving water-based topcoats, this system will have good wet and dry burnish resistance and stain resistance.**
Acid **This product is to be used as a primer only; when it is top coated with Dulux Concrete & Paving water-based topcoats, this system will be resistant against mild acids.**	Alkali **This product is to be used as a primer only; when it is top coated with Dulux Concrete & Paving water-based topcoats, this system will be resistant against mild alkalis.**

Typical Properties	
Gloss Level **Not applicable** **Primer only, must be top coated.**	Thinner **DO NOT THIN.** **Product is ready to use.**
Colour **Blue** **NB: the primer has a blue colour, it applies blue, but it dries out clear and will not affect the opacity or final water-based topcoats**	
Components **2**	Number of Coats **1**
Toxicity **Lead free. Dry film is non-toxic**	V.O.C. Level **33 g/L**
Shelf Life **2 years minimum from Date of Manufacture, in an unopened container**	
Sanding Properties **Not suitable for sanding**	Mixing Ratio **50:1**
Pot Life **3 days**	Touch Dry **30 minutes**
Clean Up **Water**	
Clean Up Description Clean all equipment with water while wet. Do not attempt to recover dried out brushes or rollers.	
Application Methods **Air Spray** **Brush** **Roller**	
Application Conditions	Solids by Volume 31

	Min	Max	Recommended
Wet Film Per Coat (microns)	83	83	83
Dry Film Per Coat (microns)	26	26	26
Recoat Time (min/hours)	2 hour	24 hour	2 hour
Theoretical Spread Rate (m²/L)	12	12	12

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

Application Guide

Surface Preparation

Dulux Concrete & Paving Sealed Surface Primer requires a clean surface to adhere. All grease, oil, mould, and dirt contamination must be removed, or the primer will not adhere.

Surface must be prepared by pressure washing and etching as per following process.

Previously painted concrete surfaces & non-porous surfaces
On all surfaces, cleaning is the most important step. The concrete must be cleaned well and profile correctly.

- Pressure wash the surface (use a 1200psi or higher-pressure machine) to remove dirt dust, algae, mould and other contaminants as well as possible
- Apply Dulux Concrete & Paving Sealed Surface Cleaner (52ZD0184) using a plastic watering can to evenly apply, before scrubbing into the surface. Allow Dulux Concrete & Paving Sealed Surface Cleaner (52ZD0184) 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.
- Power wash the surface to remove all residues released.
- Allow the cleaned surface to dry.

Combination surfaces (bare surface and sealed surface are present)

- Pressure wash the surface (use a 1200psi or higher-pressure machine) to remove dirt dust, algae, mould and other contaminants as well as possible
- 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.
- Power wash the surface to remove all residues released.
- 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.
- Power wash the surface to remove all residues released. Allow the cleaned surface to dry.
- Spot prime bare concrete areas with 2 coats of Dulux Concrete & Paving Bare Concrete Primer (52ZD0183). Allow the primed surface to dry.
- Apply 1 coat of Dulux Concrete & Paving Sealed Surface Primer (52ZD0200) over entire surface (including Dulux Concrete & Paving Bare Concrete Primer). Allowed the primed surface to dry.

NB: Both Dulux Concrete & Paving Sealed Surface Primer & Dulux Concrete & Paving Bare Concrete Primer can be applied to damp concrete. The surface must be absent of any ponded surface water and preferably be on its way to being noticeable dry before the primer is dried.

Application Procedure and Equipment

Mixing
Add all the Additive found underneath the blue lid to the paint. Stir well for approximately 2-5 minutes with a broad flat paddle, using an up and down scooping action until the additive is completely mixed into the paint. Once mixed the product is suitable to use for up to 3 days.

NB: the primer has a blue colour, it applies blue, but it dries out clear and will not affect the opacity or final water-based topcoats.

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

After the additive has been added and stirred, apply at least one coat of Dulux Concrete & Paving Sealed Surface Primer.

1. Mask all adjacent surfaces to prevent product contaminating areas that are not needed for the application.
2. Use a brush to apply to any edges and hard-to-reach places.
3. Then, use a roller to apply 1 coat of Dulux Concrete & Paving Sealed Surface Primer evenly across the surface.
4. 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.
5. Allow the coated surface to dry.
6. Apply desired Dulux Concrete & Paving water-based topcoats.

NB: Do not use solvent-based Dulux Concrete & Paving Clear Protective Sealers on surfaces primed with Dulux Concrete & Paving Sealed Surface Primer.

Health and Safety

SDS Number	SDS Link
DLXGHSEN003980	**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.

Transport and Storage	
Pack A **1**	
Size: **1 LITRE, 2 LITRE**	Weight: **1.188KG, 2.331KG**
Flash Point **Not applicable - waterbased**	UN Number **Not applicable**
Dangerous Goods Class **Not classified as dangerous goods**	Package Group **Not applicable**
Pack B **1**	
Size: **0.020L, 0.040L**	Weight: **0.032KG, 0.064KG**
Flash Point **Not applicable - waterbased**	UN Number **Not applicable**
Dangerous Goods Class **Not classified as dangerous goods**	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.

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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.