

NZDU00285 Dulux Precision Advanced Stain and Odour Blocker

Introduction

Part A
50SX391A

Description and Image

Dulux Precision Advanced Stain and Odour Blocker is developed with innovative water based technology that offers the superior stain blocking performance of an Oil and Shellac based undercoat with the convenience of low odour, fast drying & water wash up. It delivers advanced stain blocking for a wide range of water & oil based stains and locks in the stain ensuring it does not migrate through subsequent coats of paint. With excellent adhesion properties, it is suitable in most situations as a primer, sealer and undercoat. Suitable for use in interior & exterior applications. Provides excellent tannin blocking on timber surfaces treated with highly alkaline lead paint removal products.



Features and Benefits

- Water Based
- Low Odour
- Stops stains migrating, thereby preventing discolouration of topcoats
- Primes interior & exterior surfaces
- Easy application, quick drying, water wash up
- Seals stains from dark colours, grease, rust, crayon, lipstick, graffiti, markers, knots, saps streaks, tannin bleed
- Blocks odours
- Multi surface preparation. Suitable for a wide range of surfaces
- One coat effectively blocks most stains so they will not migrate into the topcoat

Uses

New & previously painted surfaces, Plasterboard, Hard set plaster, MDF, Timber, Metal, Mild Steel, Galvanised Metal, Aluminium, uPVC, Aged Enamel, Masonry, Timber treated with alkaline lead paint removal products.

Precautions and Limitations

NB: Dulux Precision Stain and Odour Blocker is incompatible with most other primer and top coat systems. Cross contamination may result in irreversible coagulation of mixed products.
 Make sure that new roller sleeves and brushes are used when applying Dulux Precision Stain and Odour Blocker. If wanting to use the same brushes with any other water based primer or topcoat wash them thoroughly in water to remove all traces of the previous paint.
 When spraying ensure that all equipment is thoroughly cleaned and given a final clean water flush before and after using Dulux Precision Stain and Odour Blocker.

All preparation and painting must conform to AS/NZS 2311:2009 Guide to the painting of buildings.

NB: This Standard provides a guide to products and procedures for the painting of buildings for general domestic, commercial and industrial use. The Standard does not include a specific recommendation for the long-term protection of iron or steel exposed directly to the atmosphere or to internal climates likely to have aggressive environments which are dealt with in AS/NZS 2312.

Do not apply if the surface temperature is below 10C or conditions indicate it will fall below 10C during the drying period.

This product is not suitable to tint. Tinters are incompatible and will result in coagulation of the primer.

For stainblocking applications do not thin

For aggressive stains from Tannin or activated Lignin resulting from alkaline paint removal processes 2 coats may be necessary to stop the stains.

Performance Guide

Weather Excellent when used as part of an approved system	Salt Primer only - Must be top coated
Heat Resistance Up to 100C	Water Excellent resistance to condensation and water splash as part of a system
Solvent Resistant to alcohols and aliphatic hydrocarbons. Film is susceptible to attack from strong aromatic and ketone/acetate solvents	Abrasion Good when top coated
Acid Primer only - Must be top coated Can be applied on acidic surfaces at pH > 5	Alkali Primer only - Must be top coated Can be applied on Alkaline surfaces at pH < 9

Typical Properties			
Gloss Level Flat	Thinner Water		
Colour White, Tinters are not compatible with this primer			
Components 1	Number of Coats 1 for any surface but at the appropriate thickness (Note that 2 coats may be required on timbers treated with alkaline paint removers)		
Toxicity Lead Free, Dry Film is non toxic	V.O.C. Level 51 g/lit		
Shelf Life 2 years	Meets ECNZ V.O.C. Requirements? Yes Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.		
Sanding Properties Sandable when dry - 2 hours	Mixing Ratio N/A - single component air drying		
Pot Life N/A - single component air drying	Touch Dry 30 minutes		
Clean Up Water Use Xylene to remove dried paint from equipment.			
Clean Up Description Clean all equipment with water while primer is still wet. Clean overspray or spillage with water while wet. Dry film as overspray or equipment contaminant must be cleaned with Xylene			
Application Methods Air Spray Airless Spray Brush Roller			
Application Conditions	Solids by Volume <input type="text" value="34.4"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="100"/>	<input type="text" value="125"/>	<input type="text" value="100"/>
Dry Film Per Coat (microns)	<input type="text" value="34"/>	<input type="text" value="54"/>	<input type="text" value="34"/>
Recoat Time (min/hours)	<input type="text" value="1 hour"/>	<input type="text" value="Indefinite"/>	<input type="text" value="1 hour"/>
Theoretical Spread Rate (m ² /L)	<input type="text" value="10.12"/>	<input type="text" value="6.37"/>	<input type="text" value="10.12"/>

Application Guide

Surface Preparation

All surfaces should be thoroughly dry, clean and free from loose dirt, surface chalk, grease, mould, mildew, wax and loose or flaking paint.

Sand smooth and dust down, fill and prime in accordance with the requirements of the chosen system.

Do not apply paint if the temperature is below 10°C or likely to fall below 10°C during the drying period.

Application Procedure and Equipment

Brush Roller, conventional spray or airless spray application.

Stir thoroughly before and during use.

For Stain blocking applications do not thin.

This product is not suitable to tint. Tinting will result in coagulation of the primer.

Apply one even coat of Precision Advanced Stain and Odour Blocker. For heavily stained surfaces or timbers treated with alkaline paint removers or for paper-faced plasterboard where there is a different texture between the paper and jointing compound or where extra filling and smoothness is required, apply a second coat of Precision Advanced Stain and Odour Blocker.

For optimal coverage and smoothness, apply with:

Brush: High quality synthetic filament brush (Nylon or Polyester) Apply in full even coating direct from the container.

Roller: Medium nap synthetic roller (9-12mm) on smooth surfaces, or 13 -18mm on semi-rough or porous surfaces.

Apply in full even coating direct from the container.

Spray: Do not thin for stain blocking applications. Suitable for application by all standard spray equipment.

Clean Brushes and Rollers with water prior to and after use.

Health and Safety

SDS Number

DLXGHSEN001274

SDS Link

[View SDS Link](#)

Using Safety Precautions

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations 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 0800 220 770.

Transport and Storage

Pack A

1

Size:

1 LITRE, 4 LITRE, 10 LITRE

Weight:

1.5KG, 5.8KG, 14.20KG

Flash Point

Not Applicable - Water Based

UN Number

NOT APPLICABLE

Dangerous Goods Class

Not Classified as Dangerous Goods

Package Group

Not classified as Dangerous Goods

Pack B

N/A

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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.