

NZDU00413 Dulux Precision Stain Smoke & Odour Blocker

Introduction

Product Code
30SX383A

Description and Image

Dulux PRECISION Stain, Smoke & Odour Blocker is the professionals choice for a fast drying, superior stain blocker. It blocks a wide range of stubborn water & oil based stains, protects against tannin bleed in timber and seals odours. With excellent adhesion properties, it is suitable as a primer, sealer and undercoat. Suitable for use in interior & spot exterior applications

Features and Benefits

- Shellac Based
- Fast drying
- Primes interior & spot exterior surfaces
- Forms a highly impervious film that seals stains & odours, including grease, smoke, tannin, graffiti & water stains
- Touch dry 15min, re-coat 45min
- Can be used under both oil and water based premium topcoats

Uses

Plasterboard
Bare timber
Previously painted surfaces
Timber
MDF
Aged enamel
Masonry
Cement sheet

Precautions and Limitations

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.
Do not apply if the surface temperature is above 35C or conditions indicate it will rise above 35C during the application period.

For stain blocking applications do not tint
For stain blocking applications do not thin

Performance Guide

Weather

For interior use and ONLY spot exterior priming





Heat Resistance
Suitable for normal interior surface temperatures. The product remains permanently thermoplastic. Temperatures above 80C should be avoided.

Water
Resists intermittent condensation and water splash

Solvent
Sensitive to alcohol, ketone and acetate solvents. Resistant to Hydrocarbon solvents

Abrasion
Only to be used as a primer. May be sanded

Acid Resistant to intermittent exposure to mild acids	Alkali Sensitive to even mild alkaline materials
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Typical Properties			
Gloss Level Flat		Thinner Methylated Spirits	
Colour White - Tinting is not recommended			
Components 1		Number of Coats 1	
Toxicity Lead Free, Dry Film is non-toxic		V.O.C. Level <506g/l	
Shelf Life 2 years from date of manufacture		Meets ECNZ V.O.C. Requirements? No	
Sanding Properties Sandable when dry - 2 hours			
Touch Dry 15 Minutes			
Clean Up Methylated Spirits			
Application Methods			
<div><div> Air Spray</div><div> Airless Spray</div><div> Brush</div><div> Roller</div></div> <p>Stir well before use with a flat paddle using an up and down scooping action. Stir regularly during use. Precision Stain Smoke & Odour Blocker dries very quickly so Dulux recommends to cover brushes and rollers, cans and roller trays with an impermeable material (Cling Wrap) when the product is not being used for periods of duration greater than 20 minutes.</p>			
Application Conditions		Solids by Volume	
		<div>37.8</div>	
	Min	Max	Recommended
Wet Film Per Coat (microns)	<div>71</div>	<div>100</div>	<div>83</div>
Dry Film Per Coat (microns)	<div>27</div>	<div>38</div>	<div>32</div>
Recoat Time (min/hours)	<div>45 Minutes</div>	<div>Indefinite</div>	<div>45 Minutes</div>
Theoretical Spread Rate (m²/L)	<div>14</div>	<div>9.95</div>	<div>11.81</div>
Typical Property Notes Vehicle: - Shellac Resin Weight Solids: - 60.4% (+/-) 2% Volume Solids: - 37.8% (+/-) 2% Weight per Litre (kg/Litre) : - 1.264 (+/-) 0.2 Viscosity: - Medium viscosity liquid			

Application Guide
Surface Preparation All surfaces must be thoroughly dry, clean and free of all loose dirt, surface chalk, grease, mould, mildew, wallpaper paste and wax,

loose or flaking paint. New timber surfaces should be sanded smooth and dusted down prior to priming. Fill nail holes, imperfections and cracks with a suitable filler, sand and dust off. Spot prime the filled areas.
Avoid exposure to steam and condensation for 48 hours after application.
If washing is necessary, use a non-soapy detergent or Selseys Sugar Soap. Rinse well and allow to dry.
Peeling or Loose Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.
Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.
Mould or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming. Note: Precision Mould and Stain Blocker is recommended for mildew prone areas along with a topcoat designed for such areas.
Masonry, Brick, Stucco and Plaster: Precision Stain Smoke and Odour Blocker may be used on clean, dry, aged masonry surfaces that have cured (dried) for at least 28 days

Application Procedure and Equipment

Brush , roller, airless, conventional spray.
Stir contents thoroughly before and during use.
Apply one coat of Precision Stain Smoke & Odour Blocker. For heavily stained surfaces and paper-faced plasterboard where there is different texture between the paper and jointing compound or where extra filling and smoothness is required, apply a second coat. A full, continuous coat is essential to achieve adequate film build and to ensure no 'imperfections' which allow stains to bleed through.
Brush/Roller: Apply by brush or roller, full even coats direct from the container. Do not thin if used for stain blocking applications. For other applications, including adhesion priming of difficult surfaces, thin up to 50ml per litre of methylated spirits to ease application.
Airless/Conventional Spray: Suitable for application by all standard spray equipment. Only if necessary should the product be thinned with Methylated Spirits to assist spraying when used for stain blocking applications. In such case do not exceed 50ml per litre. For other applications the paint can be thinned with up to 100ml per litre of methylated spirits to aid atomisation.
Clean brushes and rollers with methylated spirits prior to and after use.

Health and Safety

SDS Number
DLXNZLEN001184

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
30SX383A

Size:

4L 1L 350g

Weight:

5.41 Kg 1.40 Kg 0.43 Kg

Flash Point

13C

UN Number

1263

Dangerous Goods Class

3

Package Group

II

Images



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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.