# AUDU00121 Dulux Precision Stain Smoke and Odour Blocker

## Introduction

Part A
**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 - touch dry 15min, re-coat 45min
- Stops stains migrating, thereby preventing discolouration of topcoats
- Primes interior & spot exterior surfaces
- Seals stains from grease, smoke, tannin, graffiti & water stains
- Mult surface preparation . Suitable for a wide range of surfaces
- Seals odours
- Binds wood fibres to create a smooth, sealed surface with enamel holdout

## 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 stainblocking applications do not tint
For stainblocking applications do not thin

## Performance Guide

Weather
**For interior use and only spot exterior priming**

| | |
|---|---|
| Heat Resistance<br>**Suitable for normal interior surface temperatures. The product remains permanently thermoplastic. Temperatures above 80C should be avoided.** | Water<br>**Resists intermittent condensation and water splash** |
| Solvent<br>**Sensitive to alcohol, ketone and acetate solvents. Resistant to Hydrocarbon solvents** | Abrasion<br>**Only to be used as a primer. May be sanded** |
| Acid<br>**Resistant to intermittent exposure to mild acids** | Alkali<br>**Sensitive to even mild alkaline materials** |

| Typical Properties | |
|---|---|
| Gloss Level<br>**Flat** | Thinner<br>**Methylated Spirits** |
| Colour<br>**White, Tinting not recommended for stainblocking applications.** | |
| Components<br>**1** | Number of Coats<br>**1 For smooth surfaces.** |
| Toxicity<br>**Lead Free, Dry Film is non-toxic** | V.O.C. Level<br>**<506g/l** |
| Shelf Life<br>**2 years from date of manufacture** | Meets GBCA V.O.C. Requirements?<br>**No** |
| Sanding Properties<br>**Sandable when dry - 2 hours** | Mixing Ratio<br>**N/A** |
| Pot Life<br>**N/A** | Touch Dry<br>**15 minutes** |
| Clean Up<br><br>Methylated Spirits | |
| Clean Up Description<br>Clean all brushes with Methylated Spirits after use | |

Application Methods

**Air Spray** **Airless Spray** **Brush** **Roller**

Stir well before use with a flat paddle using an up and down scooping action. Stir regularly during use. Because Precision Stain Smoke and Odour Blocker dries so quickly, 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.

Application Conditions

Solids by Volume: **37.8**

| | Min | Max | Recommended |
|---|---|---|---|
| Wet Film Per Coat (microns) | 100 | 71 | 83 |
| Dry Film Per Coat (microns) | 38 | 27 | 32 |
| Recoat Time (min/hours) | 45 Minutes | indefinite | 45 Minutes |
| Theoretical Spread Rate (m²/L) | 10 | 14 | 12 |

## 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.

**Peeling or Loose Paint:** Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.

**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.
If washing is necessary, use a non-soapy detergent or Selleys Sugar Soap. Rinse well and allow to dry.

**Glossy Surfaces:** For maximum adhesion, scuff sand the surface thoroughly before priming.

**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 and 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<br>**DLXGHSEN001184** | SDS Link<br>**View SDS Link** |
| SDS Number<br>**For detailed information refer to the product label and the current material safety data sheet available through customer service.** | SDS Link |
| SDS Number<br>**View SDS Link** | SDS Link |
| SDS Number<br>**New Zealand: 0800 800 424** | 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 1800 220 770.**

| Transport and Storage | |
|---|---|
| Pack A<br>**Precision Stain Smoke and Odour Blocker - 30SX383A** | |
| Size:<br>**1 Litre, 4 Litre** | Weight:<br>**1.26kg, 6.32kg** |
| Flash Point<br>**13C** | UN Number<br>**1263** |
| Dangerous Goods Class<br>**3** | Package Group<br>**II** |

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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.