AUDU00124 Dulux Precision Sealer Binder

Introduction

Part A
32D50040

Approvals
APAS 0171 (CLASS II)

Description and Image

Dulux Precision Sealer Binder is a pigmented oil based prepcoat which seals porous surfaces and binds unpainted powdery surfaces such as bare plaster, providing a sound foundation on which to apply subsequent paint coats.

Features and Benefits

- Seals porous, powdery and hard set plaster surfaces.
- Seals bare cement sheet.
- Seals bare bricks.
- It helps protect finishes against alkali attack.
- Enables good adhesion of the topcoat.

Uses

Suitable for both interior and exterior use
Suitable for use under Dulux topcoats

✓ **Interior** ✓ **Exterior**

Precautions and Limitations

All preparation and painting must conform to AS 2311: The Painting of Buildings.
Particular care should be taken to ensure that this product is not applied to concrete, masonry or render that has not fully cured, for the drying/curing time recommended in AS 2311.
Thorough testing should be carried out prior to painting to ensure that the Alkalinity of the surface is suitable for painting and the substrate moisture content is below 12%. Thick powdery films of chalked paint or kalsomine must be washed off and the surface allowed to dry thoroughly before applying this sealer.

Performance Guide

Weather
Excellent in conjunction with recommended systems.

Heat Resistance
Up to 120C. Premature yellowing & embrittlement will occur if film subjected to continuous heat.

Water
Resists rain and condensation for prolonged periods.

Solvent
Resists alcohol & hydrocarbons. Film is liable to attack from other strong solvents.

Alkali
Not suitable for alkali surfaces including Galvanised iron.

Typical Properties

Gloss Level
Not applicable

Thinner
Mineral Turpentine

Colour
White, Do Not Tint

Components
1

Number of Coats
1

Toxicity
Lead free. Dry film is non-toxic and conforms to AS1647, Part 3.

V.O.C. Level
< 381g/L

Sanding Properties
Sandable when dry - 24 hours

Mixing Ratio
N/A - single component air drying

Pot Life
N/A - single component air drying

Touch Dry
6 Hours

Clean Up
Thinner

Clean Up Description
Clean all equipment with mineral turpentine.

Application Methods
Airless Spray **Brush** **Roller**

Application Conditions

Solids by Volume: 52.8

	Min	Max	Recommended
Wet Film Per Coat (microns)	83	83	83
Dry Film Per Coat (microns)	44	44	44
Recoat Time (min/hours)	16 Hours	Indefinite	Indefinite
Theoretical Spread Rate (m²/L)	12.00	12.00	12.00

Application Guide

Surface Preparation

Previously Painted Surfaces: Scrape off loose and flaking paint. Remove dirt, grease, kalsomine and chalky paint by washing down with sugar soap in warm water. Fill nail holes, cracks, etc. with a suitable filler, sand smooth and dust down.

New Interior Set Plaster & Masonry: Allow new masonry and plaster surfaces to dry & cure for at least 12 weeks after erection. Fill imperfections with a suitable filler, sand smooth and dust down.

Application Procedure and Equipment

General: Stir contents thoroughly before and during use with a broad, flat stirrer using an upward lifting action.

Thinning: Not normally required. Under hot conditions or on very porous surfaces application may be eased by thinning with up to 100 ml per litre of mineral turpentine.

Brush/Roller Application: Surfaces of varying texture and porosity use a short nap roller to achieve the most uniform appearance.

Spray Application: Thinning not normally required. Under hot conditions or on porous surfaces, application or penetration may be eased by thinning with up to 100ml of mineral turpentine per litre.

Health and Safety

SDS Number	SDS Link
DLXGHSEN001851	**View SDS Link**

Using Safety Precautions

Flammable liquid and vapour. May cause an allergic reaction. May cause drowsiness and dizziness. Keep out of reach of children. Read the label before opening or using. Keep away from all sources of ignition – No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and all other equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist, vapours or spray. Use only outdoors or in a well ventilated area. Wear protective clothing, gloves, eye/face protection and a suitable respirator as required. Contaminated clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use.

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

Transport and Storage

Pack A

32D50040

Size:	Weight:
1 Litre, 4 Litre, 10 Litre, 15 Litre	**1.5kg, 5.7kg, 14.0kg, 21.8kg**

Flash Point	UN Number
>23C	**1263**
Dangerous Goods Class	Package Group
3	**III**

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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.