

## NZDU00539 Dulux Luxathane® SPX Satin

### Introduction

Approvals  
**AS/NZS 3750.5**

### Description and Image

LUXATHANE® SPX is a high performance satin, two-component acrylic polyurethane that is recoatable with minimum surface preparation. It is designed for use in areas where a high gloss is not required and a satin finish is desired.

### Features and Benefits

- EXCELLENT UV RESISTANCE AND GLOSS RETENTION
- VERY GOOD DRYING AND RECOAT PROPERTIES
- SMOOTH SATIN FINISH
- LONG TERM RECOATABILITY

### Uses

LUXATHANE® SPX is formulated for use in commercial and industrial environments where extended service periods are required. The smooth, durable, satin finish is ideal for steelwork and facades of commercial projects, such as retail complexes and high rise offices and apartments. This versatile product is equally suitable for new construction and maintenance over properly primed steel, galvanised steel, aluminium, concrete, hardwood timber and MDF.

LUXATHANE® SPX can be used directly over all Dulux® epoxy primers, universal primers, high-build epoxy intermediate coats and to aged, tightly adhering coatings subject to necessary solvent resistance tests and appropriate surface preparation.

LUXATHANE® Accelerator is available for use with Standard Hardener to promote faster drying.

### Precautions and Limitations

This is an industrial product designed for use by experienced Protective Coating applicators. Where conditions may require variation from the recommendations on this Product Data Sheet contact your nearest Dulux® Consultant for advice prior to painting. Do not apply in conditions outside the parameters stated in this document without the express written consent of Dulux® Australia. Freshly mixed material must not be added to material that has been mixed for some time. The rate of cure is dependent upon temperature. Do not apply at temperatures below 5°C. Do not apply at relative humidity above 85% or when the surface is less than 3°C above the dewpoint. Ensure you read and understand the safety precautions on the Material Safety Data Sheets for the two components before using. The recommended thinner MUST be used as some solvents react with the isocyanate hardener seriously degrading the life of the coating. Under no circumstances should water or non-recommended thinner be allowed to contaminate the product. Use of Part C Luxathane® Accelerator may result in different gloss level and appearance when compared with result without Part C Luxathane® Accelerator. The Accelerator will substantially speed up handle and dry times when used within the allowable temperature ranges quoted above. However, if lower than recommended application and substrate temperatures occur during curing, solvent entrapment and low gloss may occur due to the effects of condensation/dew.

### Performance Guide

Weather <b>Excellent gloss and colour retention on exterior exposure</b>	Salt <b>Unaffected by splash and spillage of most salt solutions</b>
Heat Resistance <b>Up to 120°C dry heat</b>	Water <b>Excellent resistance to fresh and salt water but not suitable for immersion</b>
Solvent <b>Unaffected by splash and spillage of common alcohols, aliphatic and aromatic hydrocarbons, esters and ketones</b>	Abrasion <b>Good when fully cured</b>
Acid <b>Suitable for splash and spillage exposure to most acids</b>	Alkali <b>Good resistance to splash and spillage of most common alkalis</b>

### Typical Properties

Gloss Level  
**Satin, 60° gloss of approximately 20-30 GU**

Thinner  
**Brush/Spray: 965-63023 DULUX® URETHANE THINNER**

Colour  
**White, Black, and a full range of tinted colours**

Components  
**2**

Mixing Ratio  
**Part A : 4; Part B : 1**

Pot Life  
**5 hours (4 litre kit, 25°C)**

Clean Up Description  
Clean all equipment with Dulux® URETHANE THINNER (965-63023) immediately after use.

### Application Methods



**Airless Spray**

Conventional, HVLP, air assisted spray

### Application Conditions

#### Solids by Volume

**52**

#### Min

#### Max

#### Recommended

Wet Film Per Coat (microns)

**95**

**145**

**95**

Dry Film Per Coat (microns)

**50**

**70**

**50**

Recoat Time (min/hours)

**300**

**Extended**

**300**

Theoretical Spread Rate (m²/L)

**10.4**

**7.43**

**10.4**

### Typical Property Notes

Solids by Volume: 52 ± 2% (depending on the colour).

These figures are a guide only, as ventilation, film thickness, humidity, thinning and other factors will influence the rate of drying.

### Health and Safety

#### Using Safety Precautions

Use with good ventilation and avoid inhalation of spray mists and fumes. When spraying, wear a positive-pressure, air-supplied respirator. Users must always comply with the provisions of the respective State Spray Painting Regulations at all times.

**Please refer to SDS Link. In case of emergency, please call 0800 220 770.**

Transport and Storage	
UN Number	<b>1263</b>
Dangerous Goods Class	<b>3</b>
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#### Disclaimer

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Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

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.co.nz](http://www.duspecplus.co.nz). 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/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.