AUPR00010 Dulux Professional Polyurethane Gloss

Introduction

Part A
394-84182

Description and Image

Dulux Professional Polyurethane Gloss is an interior quick drying tough polyurethane modified alkyd clear finish with excellent gloss and abrasion resistance.

Features and Benefits

- Quick drying
- Abrasion resistant
- One Pack
- Polyurethanes dry faster than varnishes, saves time between coats
- Tougher & longer wearing than varnish, also used on timber & cork floors
- No messy mixing, no limited pot-life, saves time and product wastage

Uses

Dulux Professional Polyurethane Gloss is an attractive and durable interior polyurethane gloss finish on furniture, timber panelling and doors, timber and cork floors.

Precautions and Limitations

All preparation and painting must conform to AS2311: The Painting of Buildings.
Do not apply if the surface temperature is below 10C or conditions indicate it will fall below 10C during the drying period.
If the temperature falls towards 10C or if the humidity is high, ensure air circulation is adequate by opening a window and using a fan.

Floors will stand light traffic after 8 hours drying, but should be allowed to dry for 3 days before heavy traffic.
Some cork tiles are impregnated with sealers which result in bubbling or non drying of clear top coats. It is important to test coat a small area to determine whether the surface is suitable for painting. A second coat must be applied to the test area to ensure there will be no re-coating problems.

Performance Guide

Weather **For interior use only, not recommended for exterior use.**	Salt **Good resistance to salt splash**
Heat Resistance **Up to 80C. Premature yellowing and embrittlement will occur if film is subject to continuous heat.**	Water **Good resistance to water splash.**
Solvent **Resists dilute alcohol & hydrocarbons. Film is liable to attack from other strong solvents.**	Abrasion **Good resistance to abrasion.**
Acid **Good for dilute solutions**	Alkali **Good for dilute solutions**

Typical Properties	
Gloss Level **85-100 at 60 degrees**	Thinner **Mineral Turpentine**
Colour **Clear**	
Components **1**	Number of Coats **2-3**
Toxicity **Lead free. Dry film is non-toxic and conforms to AS1647, Part 3.**	V.O.C. Level **< 440g/L untinted**
Touch Dry **4 Hours**	
Clean Up **Thinner**	
Clean Up Description Clean all equipment with Mineral Turpentine.	
Application Methods **Airless Spray** **Brush** **Roller**	

Application Conditions

Solids by Volume: 42

	Min	Max	Recommended
Wet Film Per Coat (microns)	91	91	91
Dry Film Per Coat (microns)	38	37	38
Recoat Time (min/hours)	6 hours	Indefinite	
Theoretical Spread Rate (m²/L)	11	11	11

Application Guide

Surface Preparation

Surfaces must be clean, dry and completely free from wax, floor polishes, etc. Surfaces previously painted with clear must be thoroughly sanded in direction of the grain to remove all traces of gloss. Fill all nail holes and cracks and sandpaper smooth in the direction of the grain, dust off with a soft clean cloth. For a superfine finish, fill open grained timber with a suitable filler.
Stain bare timber surfaces if required with an interior stain.

For best results, seal timber grain with one coat of Dulux Professional Prepcoat Sanding Sealer before finishing coats.

Application Procedure and Equipment

Brush, roller, conventional or airless spray
Do not stir or shake Clear Gloss, to avoid aeration.

Brush/Roller
For a fine finish apply by brush or spray. Rollers and lambswool applicators may be used on floor surfaces. If Dulux Professional Polyurethane Sanding Sealer is not used, 3 coats may be needed for best results, lightly sanding between coats. When painting cork tiles thin first coat with up to 100 ml mineral turpentine per litre.

Airless/Conventional Spray
Suitable for application by all standard spray equipment. If necessary thin with spraying thinner with up to 30 ml per litre for airless and 100 ml per litre for conventional spray.

Health and Safety

SDS Number	SDS Link
36612, 0	**View SDS Link**

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

Transport and Storage

Pack A
394-84182

Size:	Weight:
4 Litre	**4.3 Kg**

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

Disclaimer

This Data Sheet is copyright to DuluxGroup (Australia) Pty Ltd and/or DuluxGroup (New Zealand) Pty Ltd (collectively, 'Dulux'). It may not be varied or altered without the prior written consent of Dulux, and if it is, Dulux has no responsibility or liability for those variations.

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.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.