

Dulux Luxepoxy 4 White Primer Two Pack Primer

AUDI0540

Description

LUXEPOXY® 4 White Primer is suitable for a broad range of substrates such as galvanised steel, non-ferrous metals, concrete, hardwood and MDF as the primer for high performance two pack and single pack coatings. It displays a high degree of solvent, chemical and abrasion resistance.

Features And Benefits





- VERSATILE PRIMER SUITABLE FOR OVER GALVANISED STEEL, ALUMINIUM AND CONCRETE
- EXCELLENT ADHESION TO A WIDE RANGE OF SUBSTRATES
- EXCELLENT TIE COAT OVER INORGANIC ZINC COATINGS
- HIGH DEGREE OF SOLVENT, CHEMICAL AND ABRASION RESISTANCE

Uses

LUXEPOXY® 4 White Primer is typically used in the chemical and petroleum industry, food and beverage plants, abattoirs, and canneries. For information on suitability for use as a food contact surface, refer to your Dulux® Protective Coatings Representative.

Performance Guide

Weatherability	Will yellow with time and chalk on exterior exposure. Neither yellowing nor chalking detracts from the protective properties of the coating. Use a weatherable topcoat if required for appearance.	Salts	Excellent resistance to neutral and alkaline salts
Heat Resistance	Up to 105°C dry heat	Water	Excellent resistance to fresh and salt water
Solvents	Good resistance to splash and spillage of most hydrocarbon solvents, refined petroleum products and most common alcohols	Abrasion	Excellent when fully cured
Acids	Good resistance to splash and spillage of weak solutions of inorganic acids	Alkalis	Excellent resistance to splash and spillage of most common alkalis

Typical Properties			
Classification	Two pack epoxy primer	Finish	Low gloss
Colour	White	Components	2
Flash Point	15°C	Pot Life	8 hours (4 Litre kit, 25°C)
Shelf Life	2 years	Mixing Ratio (V/V)	Part A : 4 Part B : 1
Thinner	DULUX Epoxy Thinner (920-08925)	Suitable Substrates	Concrete, polyester composite, MDF, aluminium and most non-ferrous metals
Line/Shade	<ul style="list-style-type: none"> ▪ 731-63011 - Part A ▪ 976-50732 - Part B Hardener 	Primers	N/A
Topcoats	Single and two pack Dulux® topcoats	Product Code	PC 200
Meets GBCA VOC Requirement?	N/A		
Application Methods	    Air Spray Airless Spray Brush Roller		
Application Conditions		Min	Max
	Air Temperature	10	45
	Substrate Surface Temperature	10	45
	Relative Humidity	50%	85
	Solids By Volume	43	
		Min	Max
	Wet Film Per Coat (microns)	95	140
	Dry Film Per Coat (microns)	40	60
	Recoat Time (min)	8 Hours	4 Weeks
	Theoretical Spread Rate (m²/L)	10.8	7.2
Typical Properties Notes	These figures are a guide only, as ventilation, film thickness, humidity, thinning and other factors will influence the rate of drying.		

Typical Systems

Typical System CONCRETE - Exterior/Interior

Preparation Guide Remove release agents and other surface contaminants

Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)
1st Coat	Luxepoxy 4 White Primer	8.6	125	50
1st Coat	Weathermax HBR	7.0	145	100
1st Coat	Weathermax HBR	7.0	145	100
Minimum System DFT				250

Notes If application is by brush or roller, additional coats will be necessary to achieve the minimum DFT and full opacity.

Typical System HARDWOOD & MDF - Interior

Preparation Guide Sand and dust down before and after first coat

Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)
1st Coat	Luxepoxy 4 White Primer	8.6	125	50
1st Coat	Luxathane HPX	11.0	90	50
1st Coat	Luxathane HPX	11.0	90	50
Minimum System DFT				150

Notes : If application is by brush or roller, additional coats will be necessary to achieve the minimum DFT and full opacity

Typical System ALUMINIUM - Exterior/Interior

Preparation Guide Clean, degrease and abrade surface

Coat	Product	Spread Rate (m ² /L)	WFT (micron)	DFT (micron)
1st Coat	Luxepoxy 4 White Primer	8.6	125	50
1st Coat	Luxathane HPX	11.0	90	50
1st Coat	Luxathane HPX	11.0	90	50
Minimum System DFT				150

Notes : If application is by brush or roller, additional coats will be necessary to achieve the minimum DFT and full opacity

Surface Preparation

Concrete: Concrete must be at least 28 days old before coating. Remove all laitance, curing compounds, oil, grease and other surface contaminants. Fill any large cracks or voids using Luxepoxy® Filler.

Non-ferrous substrates: Remove grease, oil and other contaminants in accordance with AS1627.1. Whip blast to provide a key. Alternatively, degrease and abrade the surface with a non-metallic abrasive pad, such as Scotch-Brite® scourer wetted with Gamlen CA No. 1 (a free-rinsing, alkaline detergent) and water. Rinse thoroughly with fresh water.

MDF and hardwood: Sand lightly before and after application of primer and remove all dust.

Application Guide

Application Method	Mix each can thoroughly using a power mixer until the contents are uniform. Mix the contents of both packs together thoroughly with a power mixer and let stand for 10 minutes. Remix thoroughly before application.
Brush/Roller	Apply even coats of the mixed material to the prepared surface. When brushing and rolling additional coats may be required to attain the specified thickness.
Conventional Spray	Thin up to 150 ml/litre with Dulux® Epoxy Thinner (920-08925) to aid atomisation. Typical Set-up: Graco Delta Gun 1.4mm (239542) Pressure at Pot: 70-100 kPa (10-15 p.s.i.) Pressure at Gun: 380-410 kPa (55-60 p.s.i.)
Airless Spray	Standard airless spray equipment such as a Graco 30:1 President with a fluid tip of 13-15 thou (0.33-0.38mm) and an air supply capable of delivering 550-690 kPa (80-100 p.s.i.) at the pump. Thinning is not normally required but up to 50 ml/litre of Dulux® Epoxy Thinner (920-08925) may be added to aid application.
Precautions	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® representative 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 10°C. Do not apply at relative humidity above 85% or when the surface is less than 3°C above the dewpoint.
Clean Up	Clean all equipment with Dulux® Epoxy Thinner (920-08925) immediately after use.

Overcoating

Degrease with Gamlen CA 1 according to the data sheet. Test adhesion of existing coating by standard cross hatch adhesion test. If the coating fails, remove it. High-pressure water wash at 8.3 to 10.3 MPa (1,200-1,500 p.s.i.) to remove chalk and dust. Abrade surface to provide a good key for the new coating. Epoxies must be abraded if recoated outside the recoat window.

Health And Safety

Safety Precautions	Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels. SAFETY DATA SHEET is available from Customer Service (13 23 77) or www.duluxprotectivecoatings.com.au .
Storage	Store as required for a flammable liquid Class 3 in a bunded area under cover. Store in well-ventilated area away from sources of heat or ignition. Keep containers closed at all times.
Handling	As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice. Eye protection approved to AS1337 should be worn where there is a risk of splashes entering the eyes. Always wash hands before smoking, eating, drinking or using the toilet.
Using	Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator. When spraying, users must comply with their respective State Spray Painting Regulations.
Flammability	This product is flammable. All sources of ignition must be eliminated in, or near the working area. DO NOT SMOKE. Fight fire with foam, CO2 or dry chemical powder. On burning will emit toxic fumes.
Welding	Avoid inhalation of fumes if welding surfaces coated with this paint. Grind off coating before welding

In the case of emergency, please call 1800 033 111

Transport And Storage

Packaging	Available in 4 litre and 20 litre packs	Transportation	1.36 kg/litre (Average of components)
Dangerous Goods Part A			
Class	3	UN Number	1263
Dangerous Goods Part B			
Class	3	UN Number	1263

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DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton, Victoria 3168 AU ABN 67 000 049 427