

LUXAFLOOR® WB

Water Borne Epoxy Floor Coating

PC 298

FEATURES

- VERY TOUGH FILM – SUITABLE FOR COMMERCIAL CAR PARKS
- WATER BORNE LOW VOC – LESS THAN 10g/L – AND LOW ODOUR
- EXCELLENT ADHESION TO CONCRETE
- GOOD CHEMICAL RESISTANCE
- GLOSS FINISH THAT IS EASY TO CLEAN
- AVAILABLE IN A RANGE OF FACTORY MADE AND TINTED COLOURS AND CLEAR

USES

LUXAFLOOR® WB is a low build, water borne, two pack epoxy floor coating that provides a hardwearing gloss finish. It is ideal for use in areas subject to foot traffic and rubber-tyred vehicle traffic. Can be applied as a slip resistant finish by using LUXAFLOOR® STIR-IN AGGREGATE FINE. LUXAFLOOR® WB is ideal for use in internal floor areas where the odour of conventional epoxy floor coatings prevents their use.

SPECIFICATIONS AS 4586:2013 Refer to Luxafloor Aggregates Technical Data Sheet for the full list of systems and ratings.

RESISTANCE GUIDE

WEATHERABILITY	Epoxy coatings yellow with time and chalk on exterior exposure. Neither yellowing nor chalking detracts from the protective properties of the coating.	SOLVENTS	Good resistance to splash and spillage of aromatic and aliphatic hydrocarbon solvents and alcohols
HEAT RESISTANCE	Up to 120°C dry heat	WATER	Excellent resistance to fresh and salt water but not suitable for immersion
SALTS	Excellent resistance to neutral and alkaline salts	ALKALIS	Good resistance to splash and spillage of most common alkalis
ACIDS	Good resistance to splash and spillage of dilute acids	ABRASION	Excellent when fully cured
		ADHESION	Excellent adhesion to concrete when fully cured

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	Water Borne Epoxy Coating	APPLICATION CONDITIONS		
FINISH	Gloss	Min	Max	
COLOUR	Clear, N35 Light Grey, Pewter, Jade, Koala Grey, Signal Red, and a range of colours tinted from Deep Base using the Dulux Authentic Colour® Low VOC Tint System.	Air Temp.	10°C	35°C
COMPONENTS	Two	Substrate Temp.	10°C	35°C
VOLUME SOLIDS	50%	Relative Humidity		70%
VOC LEVEL	<10 g/L	Concrete Moisture		<6%
FLASH POINT	Non Flammable	COATING THICKNESS (MICRONS)		
POT LIFE ¹	45 minutes (10 litre kit, 25°C)	Min	Max	Recommended
MIXING RATIO V/V	Part A : 3 Part B : 1	Wet film per coat (µm)	80	160
THINNER	Potable water	Dry film per coat (µm)	40	80
PRODUCT CODE	728-04914 Deep Base 728-38678 N35 Light Grey 728-38661 Pewter 728-38717 Koala Grey 728-38866 Jade 728-39079 Signal Red 728-89899 Clearcoat 976-H0139 Hardener	SUITABLE SUBSTRATES	Diamond ground or track blasted concrete	
		PRIMERS	Not applicable	
		TOPCOATS	Not Applicable	
		APPLICATION METHODS	Brush, roller, conventional and airless spray	

DRYING CHARACTERISTICS AT 65 µm DRY FILM THICKNESS

Floor Temperature	Humidity	Touch	Light Traffic	Full Cure	OVERCOAT	
					Min ²	Max ³
10° C	50%	12 Hours	72 Hours	14 Days	24 Hours	48 Hours
25° C	50%	4 Hour	24 Hours	7 Days	6 Hours	24 Hours

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

¹ Do not use any product past its pot life, even if it still appears fit for use; it will develop substantially reduced gloss and may show excessive brittleness and other defects.

² Higher film builds can be achieved by spray application but this will extend drying times.

³ If the maximum overcoat interval is exceeded then the surface MUST be abraded to ensure maximum intercoat adhesion.

SPREADING RATE

ASSUMING NO LOSSES

7.7 square metres per litre equals 65 µm dry film thickness

NOTE: Practical spreading rates will vary depending on such factors as application method, ambient conditions, surface porosity and roughness.

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TYPICAL SYSTEMS

This is a guide only and not to be used as a specification. Your specific project needs must be discussed with a Dulux Protective Coatings Consultant.

SURFACE	ENVIRONMENT	PREPARATION GUIDE	SYSTEM	DFT (µm)
CONCRETE	Interior	Remove curing agents and other surface contaminants. Diamond grind or track blast	1 st Coat Luxafloor® WB 2 nd Coat Luxafloor® WB	65 µm 65 µm

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

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 non flammable. On burning will emit toxic fumes.
WELDING	Avoid inhalation of fumes if welding surfaces coated with this paint. Grind off coating before welding.

COMPANY INFORMATION		PACKAGING, TRANSPORT AND STORAGE	
Dulux Protective Coatings a division of DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton 3168 A.B.N. 67 000 049 427	DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road, Lower Hutt, NZ A.B.N. 55 133 404 118	PACKAGING TRANSPORTATION WEIGHT DANGEROUS GOODS	Available in 10 litre packs 1.34 kg/litre (Average of components) Part A: Non Dangerous Goods Part B: Non Dangerous Goods

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