

LUXAFLOOR® FILLER

Two Pack Express Concrete Repair Mortar

PC 703

- FEATURES**
- RECOAT IN 3 HOURS
 - EASY TO USE – NON-CRITICAL 1:1 MIX RATIO
 - COMPATIBLE WITH ENTIRE LUXAFLOOR® RANGE
 - CHEMICAL RESISTANT

USES LUXAFLOOR® FILLER is a rigid two-pack epoxy mortar ideal for repairing concrete to create a consistent surface before coating.

Ideal for use in surfacing, patching and filling voids and holes in concrete substrates. Topcoat with LUXAFLOOR® FCF for a fast return to service system.

RESISTANCE GUIDE – REFER TO APPENDIX FOR CHEMICAL RESISTANCE GUIDE

WEATHERABILITY	Epoxyes yellow with time and chalk on exterior exposure. Neither yellowing nor chalking detracts from the protective properties of the filler. Use a weatherable topcoat if required for appearance.	SOLVENTS	Excellent resistance to splash and spillage of most hydrocarbon solvents, refined petroleum products and hydraulic fluids.
HEAT RESISTANCE	Up to 120°C dry heat	WATER	Excellent resistance to fresh and salt water.
SALTS	Excellent resistance to neutral and alkaline salts when suitably topcoated	ALKALIS	Excellent resistance to splash and spillage of most common alkalis
ACIDS	Very good resistance to splash and spillage of a wide range of acids	ABRASION	Good when fully cured

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	Two Pack Epoxy		APPLICATION CONDITIONS		
FINISH	Low Sheen			Min	Max
COLOUR	Grey		Air Temp.	5°C	40°C
			Substrate Temp.	5°C	40°C
			Relative Humidity		85%
			Concrete Moisture		<6%
COMPONENTS	Two		SUITABLE SUBSTRATES	Primed and un-primed prepared concrete	
VOLUME SOLIDS	100%		PRIMERS	Duremax® GPE with Quickturn® and Luxafloor® LGE.	
VOC LEVEL	<33 g/L		TOPCOATS	Compatible with all Dulux® Luxafloor® pigmented products including Luxafloor FCF.	
FLASH POINT	Not applicable		APPLICATION METHODS	Suitable to be applied using a trowel or putty knife.	
POT LIFE	10 mins (1L kit, 25°C)				
MIXING RATIO V/V	Part A : 1	Part B : 1			
CLEAN UP	920-08925	Dulux® Epoxy Thinner Methylated spirits			
THINNER	Do not thin				
PRODUCT CODE	742-H0249	LUXAFLOOR® FILLER PT A			
	976-H0250	LUXAFLOOR® FILLER PT B			

DRYING CHARACTERISTICS AT 1000 µm DRY FILM THICKNESS* (STANDARD HARDENER)

Temperature	Humidity	Touch	Light Traffic	Full Cure	OVERCOAT	
					Min	Max ¹
5° C	50%	8 Hours	12 Hours	7 Days	12 Hours	24 Hours
10° C	50%	6 Hours	9 Hours	7 Days	9 Hours	24 Hours
15° C	50%	4 Hours	6 Hours	7 Days	6 Hours	24 Hours
25° C	50%	2 Hours	3 Hours	7 Days	3 Hours	24 Hours
35° C	50%	1 Hour	1.5 Hours	7 Days	1.5 Hours	12 Hours

*These figures are a guide only as film thickness will influence the rate of drying.

¹If the maximum overcoat interval is exceeded then the surface **MUST** be abraded to ensure maximum intercoat adhesion.

LUXAFLOOR® FILLER

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	EXPRESS (Interior/ exterior)	Remove release agents and other surface contaminants.	REPAIRS 1 st Coat 2 nd Coat	Luxafloor® Filler Duremax GPE® with Quickturn® Luxafloor® FCF N/A 125-µm 75-µm
CONCRETE	Interior	Remove release agents and other surface contaminants.	REPAIRS 1 st Coat 2 nd Coat	Luxafloor® Filler Luxafloor® LGE Luxafloor® LGE N/A 125-µm 125-µm
CONCRETE	Exterior	Remove release agents and other surface contaminants.	REPAIRS 1 st Coat 2 nd Coat	Luxafloor® Filler Luxafloor® LGE Luxafloor® Luxafloor PTX N/A 125-µm 100-µm

Note – Ensure repair area is clean and dry.

SURFACE PREPARATION	Concrete must be at least 28 days old before coating. Remove curing compounds, oil, grease and other oily contaminants. Remove all laitance and loose material. Remove all dust by vacuum cleaning prior to application of Luxafloor® Filler.
APPLICATION	Mixing: Pre-mix each individual component, blending the material into a uniform consistent colour. Proportion equal parts by volume of Component 'B' and Component 'A' onto a clean mixing surface. Mix thoroughly for 3 minutes with trowel or putty knife until the product is uniform in colour. Only mix a quantity which can be used within its pot life. Fill repair area with Luxafloor® Filler. It is recommended to over-fill cracks or holes to allow for shrinkage that may occur. In some instances, a second application referred to as a "double fill" may be required to achieve an even finish. Luxafloor® Filler can be made smooth with a trowel dampened with Methylated spirits or Dulux Epoxy Thinner. Hard dried filler can be easily smoothed out or abraded with sandpaper or a non-metallic sanding disc.
PRECAUTIONS	This is a rigid filler and is not suitable for filling expansion gaps in concrete or areas subject to movement. Do not use underneath clear coatings, such as Luxafloor® CP or Luxafloor® Sealer, where Luxafloor® Filler will be exposed to UV. Luxafloor® Filler will chalk and may cause the clear topcoat to delaminate. This is an industrial product designed for use by experienced Protective Coating applicators. Ensure that you read and understand the safety precautions on the relevant Safety Data Sheets before using. The surface to be coated must be totally free of moisture and contaminants. Do not apply at temperatures below 5°C. The rate of cure is dependent upon temperature and film thickness. Where application conditions are outside the parameters stated in this Technical Data Sheet, or where any variation to the recommendations are sought, contact your Dulux® Consultant for written specifications prior to application. Freshly mixed material must not be added to previously mixed material.
CLEAN UP	Clean all equipment with Dulux® Epoxy Thinner (920-08925) or Methylated Spirits immediately after use.
OVERCOATING	Clean and degrease with Gamlen CA 1 according to the manufacturer's written instructions and all safety warnings. Sand down filler to de-gloss and overcoat within the above specified parameters.
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 in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials (oxidising agents). Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks. This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.
HANDLING	As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice. Avoid eye contact; eye protection approved to AS1337 must be worn while handling and using. Always wash hands before smoking, eating, drinking or using the toilet.
USING	Use with good ventilation and avoid inhalation of vapour, mist or aerosols.
FLAMMABILITY	This product is not flammable. On burning will emit toxic fumes.

COMPANY INFORMATION

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, TRANSPORT AND STORAGE

PACKAGING	Available in 1L kits.
TRANSPORTATION WEIGHT	1.084kg/L (Average of components)
DANGEROUS GOODS	Part A: Class 9 UN 3082 Part B: Class 8 UN 1760

Dulux and Luxafloor are registered trademarks of DuluxGroup (Australia) Pty Ltd.

Any advice, recommendation, information, assistance or service provided by Dulux Australia in relation to goods manufactured by it or their use and application is given in good faith and is believed by Dulux to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Dulux is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon Dulux by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Products can be expected to perform as indicated in this sheet so long as applications and application procedures are as recommended. Specific advice should be sought from Dulux for application in highly corrosive areas and for large projects to ensure proper performance.

LUXAFLOOR® FILLER

CHEMICAL RESISTANCE GUIDE

Chemical	Splash & spill (24hr removal)	Chemical	Splash & spill (24hr removal)
Alkali		Solvents and Fluids	
20% Sodium Hydroxide	Excellent	Diesel/ Petrol	Excellent
		Xylene	Excellent
		Skydrol 500B-4	Excellent
		Skydrol LD-4	Excellent
		Skydrol PE-5	Excellent
		Engine oil 5W40	Excellent
		Engine oil 20W50	Excellent
		Brake fluid DOT 4	Excellent
		Brake fluid DOT 3	Excellent
Acids			
30% Sulphuric Acid	Very good (D)		
10% Nitric Acid	Very good (D)		
30% Hydrochloric Acid	Very good (D)		
85% Phosphoric Acid	Good (D) (G)		
30% Acetic Acid	Good (D) (G)		

*D= Discolouration, G= Gloss loss

The above chart relates to a coating system of one coat of Luxafloor® Filler allowed to cure for 7 days.