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
Epoxies 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

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

<table>
<thead>
<tr>
<th>Air Temp.</th>
<th>Substrate Temp.</th>
<th>Relative Humidity</th>
<th>Concrete Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>5°C</td>
<td>5°C</td>
<td>50%</td>
<td>&lt;6%</td>
</tr>
<tr>
<td>40°C</td>
<td>40°C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FINISH
Low Sheen

COLOUR
Grey

COMPONENTS
Two

VOLUME SOLIDS
100%

VOC LEVEL
<33 g/L

FLASH POINT
Not applicable

POT LIFE
10 mins (1L kit, 25°C)

MIXING RATIO V/V
Part A : 1  Part B : 1

APPLICATION METHODS
Suitable to be applied using a trowel or putty knife.

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)

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Humidity</th>
<th>Touch</th>
<th>Light Traffic</th>
<th>Full Cure</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>5°C</td>
<td>50%</td>
<td>8 Hours</td>
<td>12 Hours</td>
<td>7 Days</td>
<td>12 Hours</td>
<td>24 Hours</td>
</tr>
<tr>
<td>10°C</td>
<td>50%</td>
<td>6 Hours</td>
<td>9 Hours</td>
<td>7 Days</td>
<td>9 Hours</td>
<td>24 Hours</td>
</tr>
<tr>
<td>15°C</td>
<td>50%</td>
<td>4 Hours</td>
<td>6 Hours</td>
<td>7 Days</td>
<td>6 Hours</td>
<td>24 Hours</td>
</tr>
<tr>
<td>25°C</td>
<td>50%</td>
<td>2 Hours</td>
<td>3 Hours</td>
<td>7 Days</td>
<td>3 Hours</td>
<td>24 Hours</td>
</tr>
<tr>
<td>35°C</td>
<td>50%</td>
<td>1 Hour</td>
<td>1.5 Hours</td>
<td>7 Days</td>
<td>1.5 Hours</td>
<td>12 Hours</td>
</tr>
</tbody>
</table>

*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.

<table>
<thead>
<tr>
<th>SURFACE</th>
<th>ENVIRONMENT</th>
<th>PREPARATION GUIDE</th>
<th>SYSTEM</th>
<th>DFT (μm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONCRETE</td>
<td>EXPRESS (Interior/ exterior)</td>
<td>Remove release agents and other surface contaminants.</td>
<td>REPAIRS</td>
<td>Luxafloor® Filler N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1st Coat</td>
<td>Duramax GPE® with Quictum® 125-μm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2nd Coat</td>
<td>Luxafloor® FCF 75-μm</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>Interior</td>
<td>Remove release agents and other surface contaminants.</td>
<td>REPAIRS</td>
<td>Luxafloor® Filler N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1st Coat</td>
<td>Luxafloor® LGE 125-μm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2nd Coat</td>
<td>Luxafloor® LGE 125-μm</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>Exterior</td>
<td>Remove release agents and other surface contaminants.</td>
<td>REPAIRS</td>
<td>Luxafloor® Filler N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1st Coat</td>
<td>Luxafloor® LGE 125-μm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2nd Coat</td>
<td>Luxafloor® Luxafloor PTX 100-μm</td>
</tr>
</tbody>
</table>

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.

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 may 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.

**REPAIRS**

Mix each individual component, blending the material into a uniform consistent colour.

**PRECAUTIONS**

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**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

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DuluxGroup (New Zealand) Pty Ltd

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## LUXAFLOOR® FILLER

### CHEMICAL RESISTANCE GUIDE

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

*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.