LUXAFLOOR® CP
Single Pack Clear Moisture Curing Polyurethane

FEATURES
• MOISTURE CURING POLYURETHANE
• UV RESISTANT AND NON-YELLOWING – CONTAINS PROTECTIVE UV ABSORBERS
• SUITABLE FOR INTERIOR AND EXTERIOR USE
• SUITABLE FOR INDUSTRIAL AND COMMERCIAL FLOORING
• SINGLE PACK CONVENIENCE – EASY TO APPLY
• TWO GLOSS LEVELS – GLOSS AND LOW SHEEN

USES
LUXAFLOOR® CP is a clear, colourless, moisture curing, aliphatic (non-yellowing), clear urethane coating for brush, or roller application. LUXAFLOOR® CP is a high performance clear finish coat for ground concrete. When applied to diamond ground concrete, LUXAFLOOR® CP enhances the aggregate particles in the floor, imparting a contemporary “polished concrete” look that also protects against staining from spills.

SPECIFICATIONS

RESISTANCE GUIDE

WEATHERABILITY
Very good

SOLVENTS
Very good resistance to splash and spillage of aromatic and aliphatic hydrocarbon solvents and alcohols

HEAT RESISTANCE
Up to 120°C dry heat

WATER
Very good 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 mild acids

ABRASION
Good when fully cured

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION
Aliphatic polyurethane prepolymer

APPLICATION CONDITIONS
Air Temp. 10°C - 45°C
Substrate Temp. 10°C - 45°C
Relative Humidity 40% - 85%
Concrete Moisture <10%

COATING THICKNESS (MICRONS)
Wet film per coat (μm) Min 70 Max 128 Recommended 93
Dry film per coat (μm) Min 30 Max 55 Recommended 40

SUITABLE SUBSTRATES
Diamond ground or track blasted concrete

APPLICATION METHODS
Brush and roller

PRODUCT CODE
760-H0152 Luxafloor® CP Gloss
760-H0200 Luxafloor® CP Low Sheen

DRYING CHARACTERISTICS AT 40 μm DRY FILM THICKNESS*

LUXAFLOOR® CP GLOSS

OVERCOAT

Floor Temperature 25°C Humidity 50% Touch 6 Hours Light Traffic 24 Hours Full Cure 7 Days MIN 6 Hours MAX 48 Hours

LUXAFLOOR® CP LOW SHEEN

OVERCOAT

Floor Temperature 25°C Humidity 50% Touch 6 Hours Light Traffic 24 Hours Full Cure 7 Days MIN 12 Hours MAX 24 Hours

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

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

SPREADING RATE

10.8 square metres per litre equals 40 μm dry film thickness

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

**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>Exterior/Interior</td>
<td>Remove curing agents and other surface contaminants. Diamond grind or track blast</td>
<td>1st Coat</td>
<td>Luxafloor® CP Gloss</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2nd Coat</td>
<td>Luxafloor® CP Gloss</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3rd Coat</td>
<td>Luxafloor® CP Gloss</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>Exterior/Interior</td>
<td>Remove curing agents and other surface contaminants. Diamond grind or track blast</td>
<td>1st Coat</td>
<td>Luxafloor® CP Gloss</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2nd Coat</td>
<td>Luxafloor® CP Gloss</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3rd Coat</td>
<td>Luxafloor® CP Low Sheen</td>
</tr>
</tbody>
</table>

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

**SURFACE PREPARATION**

**Concrete Floors:** Concrete must be at least 28 days old before coating. Remove curing compounds, oil, grease and other oily contaminants with Gamlen CA 1 detergent (according to the manufacturer’s written instructions and all safety warnings). Diamond grind, track or light shot-blast concrete floors to remove laitance and to provide a suitable profile. Remove all dust by vacuum cleaning. Fill any cracks or voids using Luxepoxy® Filler.

**APPLICATION**

Shake can before use. Decant sufficient for immediate use into a roller tray or working pot. Seal original container to prevent exposure to moisture. Decant only that sufficient for 30 minutes use.

**BRUSH/ROLLE**

Apply by floor brush or mohair roller. Sand lightly between coats to remove defects. Thinning not normally recommended. When brushing and rolling additional coats may be required to attain the specified thickness.

**CONVENTIONAL SPRAY**

Not recommended

**AIRLESS SPRAY**

Not recommended

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® Consultant for advice prior to painting. Do not apply in conditions outside the parameters stated in this document without the written consent of Dulux® Australia. 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. The surface to be coated must be totally free of moisture and contaminants. Do not use this product for this application without consulting a Dulux® Protective Coatings Representative.

**CLEAN UP**

Clean all equipment with Dulux® Urethane Thinner (965-63023) immediately after use.

**OVERCOATING**

Degrease with Gamlen CA 1 according to the manufacturer’s written instructions and all safety warnings. Test adhesion of existing coating by standard cross hatch adhesion test. If the coating fails, remove it. Fill any cracks or defects in the concrete with Dulux® Luxepoxy® Filler. Spot prime bare areas with the specified floor coating. Mechanically grind the existing coating to remove any gloss and create a good key for the new coating. Vacuum clean to remove all dust.

**SAFETY PRECAUTIONS**

Read Product 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. Fire fight 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.

**COMPANY INFORMATION**

Dulux Protective Coatings a division of DuluxGroup (Australia) Pty Ltd

Dulux Group (New Zealand) Pty Ltd
A.B.N. 67 000 049 427
1956 Dandenong Road, Clayton 3168
A.B.N. 55 133 404 118
150 Hutt Park Road, Lower Hutt, NZ

Dulux and Luxafloor are registered trade marks 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.