LUXAFLOOR® PTX
Polyurethane Floor Topcoat
PC 701

FEATURES
• EXCELLENT HIGH BUILD BRUSH & ROLLER APPLICATION
• SUPERIOR GLOSS & COLOUR RETENTION
• GOOD CHEMICAL & ABRASION RESISTANCE
• AVAILABLE IN ALL THE COLOURS FROM THE LUXAFLOOR® COLOUR CHART

USES
LUXAFLOOR® PTX is a high performance, high build recoatable polyurethane floor coating designed for ease of use and exceptional flow out. LUXAFLOOR® PTX exhibits excellent gloss and colour retention under extreme UV exposure. LUXAFLOOR® PTX can be used over LUXAFLOOR® LGE as a smooth floor coating, and with LUXAFLOOR® AGGREGATES for slip resistant finishes.

LUXAFLOOR® PTX is available in all the colours on the LUXAFLOOR® Colour Chart and can be matched to most colours in the Dulux® World of Colour range through the COLORFAST™ Tint System.

SPECIFICATIONS
AS/NZS 4586 – 2004 Wet Pendulum Rating of W (using Luxafloor® Stir In Aggregate Coarse), and V (when using Luxafloor® Broadcast Aggregate No 36)

RESISTANCE GUIDE

WEATHERABILITY
Excellent gloss and colour retention on exterior exposure

SOLVENTS
Resists splash and spillage of most hydrocarbon solvents, refined petroleum products and most common alcohols

WATER
Excellent resistance to fresh and salt water but not suitable for immersion

ALKALIS
Good resistance to splash and spillage of most common alkalis

ACIDS
Excellent resistance to splash and spillage of most acids

ABRASION
Excellent when fully cured

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION
Acrylic polyurethane coating

APPLICATION CONDITIONS

COLOUR
Gloss

Full range of tinted colours and N35 Light Grey

FINISH

APPLICATION THICKNESS (MICRONS)

Min
Max
Recommended

COATING THICKNESS (MICRONS)

Min
Max

110
180
145

SUITABLE SUBSTRATES

SUITABLE

10°C
45°C

PART A : 4

PART B : 1

75
125
100

SUBSTRATES

suitably primed diamond ground or track blasted concrete

PRIMERS

Luxafloor® LGE

TOPCOATS

Not applicable

APPLICATION METHODS

Brush, roller, conventional, airless spray or air assisted spray

PRODUCT CODE

APPLICATION

771-63001
White/Light Base

PRIMERS

771-63002
Deep Base

Luxafloor® LGE

771-83003
Clear Base

TOPCOATS

771-38678
N35 Light Grey

APPLICATION

976-H0160
Standard Hardener

METHODS

DRYING CHARACTERISTICS AT 100 μm DRY FILM THICKNESS*

Floor Temperature

Humidity

Touch

Light Traffic

Full Cure

OVERCOAT

Min
Max

15°C

50%

10 Hours

36 Hours

7 Days

24 Hours

Extended

25°C

50%

3 Hours

24 Hours

7 Days

10 Hours

Extended

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

SPREADING RATE

7.0 square metres per litre equals 100 μm dry film thickness

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

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.

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<td>CONCRETE Exterior/Interior</td>
<td>Remove curing agents and other surface contaminants. Diamond grind or track blast to provide a key</td>
<td>1st Coat Luxafloor® LGE</td>
<td>125 μm</td>
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<tr>
<td>CONCRETE Exterior/Interior</td>
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<td>2nd Coat Luxafloor® LGE</td>
<td>100 μm</td>
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NOTE: If application is by brush or roller, additional coats will be necessary to achieve the minimum DFT and full opacity.

**SURFACE PREPARATION**

Specifiers should follow the surface preparation guidelines from the Luxafloor® LGE data sheet. The first coat must be clean, sound and free from moisture, grease and other contaminants. If application of the second coat has exceeded the recoat window of the first coat (refer to data sheet) then the entire surface MUST be abraded.

**APPLICATION**

Mix each can thoroughly using a power mixer until the contents are uniform. Ensure bases have been tinted to the correct colour before use. DULUX® ASSUMES NO RESPONSIBILITY FOR THE APPLICATION OF INCORRECT COLOUR. Mix the contents of both packs together thoroughly with a power mixer and let stand for 10 minutes. Box all containers before use to ensure colour consistency. Remix thoroughly before application.

**BRUSH/ROLLER**

Apply even coats of the mixed material to the prepared surface. Thin if necessary with up to 50 ml/litre with Duthin® (965-42166) to aid application. When brushing and rolling additional coats may be required to attain the specified thickness. Note - If a highly decorative appearance is required it may be necessary to adjust thinning levels (up to 100 – 150ml/litre), roller type and application technique.

**CONVENTIONAL SPRAY**

Thin up to 100 ml/litre with DUTHIN® (965-42166) to aid atomisation.

**AIRLESS SPRAY**

Standard airless spray equipment such as a Graco Xtreme 45:1 with a fluid tip of 15-19 thou (0.38-0.48mm) 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 Duthin® (965-42166) 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® 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. 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. Ensure that you read and understand the safety precautions on the Material Safety Data Sheets for the two components before using. The recommended thinner MUST be used as some solvents react with the isocyanate hardener seriously degrading the life of the coating. Under no circumstances should water or non-specified thinner be allowed to contaminate the product.

**CLEAN UP**

Clean all equipment with Duthin® (965-42166) immediately after use.

**OVERCOATING**

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

**SAFETY PRECAUTIONS**

**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.

**COMPANY INFORMATION**

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