



## LUXAPOOL® POOLSIDE & PAVING

### NEW CEMENT/CONCRETE SURFACES

**LUXAPOOL® Poolside & Paving** is a water-based, decorative, **P5 rated non-slip** coating developed for use on swimming pool surrounds and decks. It is easy to apply and provides a durable surface suitable for use on pebblecrete, concrete, paved and timber surrounds as well as other trafficable areas such as pathways, disability ramps, outdoor living areas and boat decks. **LUXAPOOL® Poolside & Paving** is formulated to provide long lasting resistance to UV, mould and fungal attack. It is a single pack product supplied ready for use from the container. Stirring prior to application is recommended to overcome any settling.

#### PREPARATION

##### **FRESH CEMENT/CONCRETE SURFACES (less than 28 days cure)**

Ensure that all surfaces to be painted are sound, cured enough to be walked on and free from any contamination, dust or any curing compound. If painting after 2 days, then wash the surface with clean water to remove any dust. If painting after 7 days, then wash the surface with **LUXAPOOL® Concentrated Wash** solution (500 mL dilution into 20 L of warm water). Use a stiff bristle broom to scrub the surface, then flush with fresh water. Follow this with a high-pressure water wash to ensure that the surface is thoroughly clean.

##### **NEW CEMENT/CONCRETE SURFACES (28 days cure or more)**

If the cement/concrete has been allowed to cure for 28 days or more, then ensure that all surfaces are sound and cured. Remove all contamination and any loose material by grit blasting, grinding or hand rubbing using a hardwood block. Ensure that the surface is clean, dry and dust free. Then wash the entire surface with **LUXAPOOL® Concentrated Wash** solution (500 mL dilution into 20 L of warm water). Use a stiff bristle broom to scrub the surface, then flush with fresh water. Follow this with a high-pressure water wash to ensure that the surface is thoroughly clean.

#### ACID ETCHING

Fresh and new cement/concrete surfaces should be acid etched using the following directions:

- a. All personnel participating in acid etching must wear protective clothing, including rubber gloves, boots and goggles. The etching solution should ALWAYS be mixed in a plastic bucket. Use commercial hydrochloric or muriatic acid. **NEVER ADD WATER TO ACID**; always add acid to water.



| ACID CONCENTRATION                             | WATER   | ACID   |
|--|---------|--------|
| FRESH CEMENT/CONCRETE (less than 28 days cure) | 3 Parts | 1 Part |
| NEW CEMENT/CONCRETE (28 days cure or more)     | 2 Parts | 1 Part |

- b. Using a plastic watering can, apply the etching solution to the surface, a manageable area (say 5–6 m<sup>2</sup>) at a time. As soon as the bubbling reaction stops (approximately 5 minutes), flush the area with fresh water. NEVER ALLOW THE ACID RESIDUE TO DRY ON THE SURFACE. Acid residue can cause paint failure. Proceed to the next section to be treated with the acid-etching solution. It is important to concentrate on a workable section at any one time. This will ensure that no acid residue remains on the surface.
- c. After the surface has been etched, and ideally whilst still wet, the surface should be neutralised with a solution of sodium bicarbonate (bicarbonate of soda/pool buffer) and water (1 kg sodium bicarbonate mixed into 10 L of warm water). Thoroughly flush the surface with the neutralising solution and then rinse liberally with fresh water. Again, it is important to concentrate on a workable section at any one time. This will ensure that no sodium bicarbonate residue remains on the surface.
- d. High pressure wash the entire surface to remove all traces of acid, bicarbonate and/or other contaminants.
- e. Allow the surface to dry prior to any further surface preparation. Sweep or vacuum up any loose residues.

## APPLICATION

**NOTE: Obtain a 7-day weather forecast.** Do NOT apply **LUXAPOOL® Poolside & Paving:**

- I. If the ambient temperature is below 15 °C,
- II. If the surface temperature is below 12 °C,
- III. If minimum overnight temperatures are forecast to be below 10 °C with 7 days of application, or
- IV. In damp or rainy conditions, or when rain is forecast within 7 days of application.

All personnel participating in application must use appropriate personal protective equipment (PPE) to prevent contact with skin, eyes and breathing of vapours. A sun hat and sunscreen are also recommended if applying outdoors.

## CRACKS

Small cracks may be filled with the initial application of **LUXAPOOL® Poolside & Paving**. All visible cracks and holes exceeding 2 mm must be repaired using



**LUXAPOOL® SEF (Structural Epoxy Filler)**. Fill proud, allow to dry (16–24 hr), then sand flush, remove dust and wipe down before priming.

#### **MASKING**

Mask along the tile lines or other perimeter of the area(s) to be coated. Take precautions to protect pool water surfaces as far as possible.

#### **PRIMER for FRESH CEMENT/CONCRETE SURFACES (less than 28 days cure)**

Prior to applying **LUXAPOOL® Poolside & Paving**, fresh cement/concrete surfaces will require priming. Apply **ACRYLMERIC® WB Epoxy Primer Membrane** diluting with 20% water by volume. Apply this diluted mixture at 4-5 m<sup>2</sup>/L, using a 10 mm nap roller. Allow overnight to dry at 25 °C and 50% RH, preferably longer in cooler or winter conditions. If extra waterproofing is required, then apply a second coat of **ACRYLMERIC® WB Epoxy Primer Membrane** undiluted at 3 m<sup>2</sup>/L, using a 10 mm nap roller. For rough or textured surfaces, use a long (22 mm) nap roller.

Clean all equipment whilst still wet using water.

NOTE: **ACRYLMERIC® WB Epoxy Primer Membrane** must be recoated or overcoated within 48 hours of application.

#### **PRIMER for NEW CEMENT/CONCRETE SURFACES (28 days cure or more)**

Prior to applying **LUXAPOOL® Poolside & Paving**, fresh cement/concrete surfaces will require priming. Solvent based and water-based options are set out below:

- a. **SOLVENT-BASED:** To a thoroughly dry surface\*, apply **ACRYLMERIC® Superseal Primer** at 8–10 m<sup>2</sup>/L, using a 22 mm nap roller. Allow to dry for a minimum of 4 hours, preferably overnight in cooler or winter conditions.

Clean equipment whilst still wet using **LUXAPOOL® Solvent X**.

*\*For best results, use a moisture meter to test surface moisture levels prior to application. Moisture content should be less than 5%. High moisture content can cause failure of the primer. In the absence of a moisture meter, approximate surface moisture can be determined by taping a 300 x 300 mm patch of clear plastic sheet to an area of the surface in the morning one day prior to painting. Remove the plastic around mid-afternoon and observe the underside. Condensation on the plastic indicates that the moisture content is too high. In these instances, either repeat until a dry test results, or prime with water-based **ACRYLMERIC® WB Epoxy Primer Membrane**, which is moisture tolerant (see the following).*

- b. **WATER-BASED:** If a water-based option is preferred, or if the substrate is damp, then apply **ACRYLMERIC® WB Epoxy Primer Membrane**. If the surface is dry, spray lightly with water and allow to drain. To apply as a priming coat, dilute with water 20% by volume. Apply this diluted mixture at 4–5 m<sup>2</sup>/L, using a 10 mm nap roller. Allow overnight to dry at 25 °C and 50% RH, preferably longer in cooler or winter conditions.



If extra waterproofing is required, then apply a second coat of **ACRYLMERIC® WB Epoxy Primer Membrane** undiluted at 3 m<sup>2</sup>/L, using a 10 mm nap roller.

For rough or textured surfaces use a 22 mm nap roller.

Clean all equipment whilst still wet using water.

NOTE: **ACRYLMERIC® WB Epoxy Primer Membrane** must be recoated or overcoated within 48 hours of application.

### COLOUR COATS

Unless familiar with **LUXAPOOL® Poolside & Paving**, it is recommended that a small test area be applied first, before proceeding to application over the complete area.

1. Apply a base coat of **LUXAPOOL® Poolside & Paving** at a spreading rate of approximately 2 m<sup>2</sup>/L using a 10 mm nap roller. The function of the base coat is to fill any imperfections of the surface, as opposed to leaving an even film thickness on the top of both the hills and valleys of the profile.  
Clean all equipment immediately after use with water.

2. Allow to dry for minimum 8 hours at 25 °C and 50% RH, or preferably overnight. Allow longer drying time in cooler and more humid conditions.

|                       |            |            |            |
|-----------------------|------------|------------|------------|
| Drying temperature:   | 15 °C      | 25 °C      | 35 °C      |
| Minimum recoat time:  | 12 hrs     | 8 hrs      | 6 hrs      |
| Maximum recoat time*: | Open ended | Open ended | Open ended |

\*Best within 48 hours to minimise impact of airborne and other contaminants

3. If a smoother surface is required, then steps 1 & 2 above may be repeated.
4. Apply the first build coat of **LUXAPOOL® Poolside & Paving** at a spreading rate of approximately 2 m<sup>2</sup>/L using a 10 mm nap roller. To achieve a **P5 rated** non-slip surface, it is recommended that build coats be applied with a 10 mm nap roller.  
Clean all equipment immediately after use with water.
5. Allow to dry for minimum 8 hours at 25 °C and 50% RH, or preferably overnight. Allow longer drying time in cooler and more humid conditions.

**Refer to Colormaker Industries for application details to achieve a more aggressive surface texture for commercial or industrial areas.**

6. As a finishing option, apply a final coat of **UNICRYL® Heavy Duty Clear Glaze**. This will enhance colour and gloss, provide increased resistance to staining and facilitate cleaning. However, use of this coating will also reduce anti-slip properties.  
Apply **UNICRYL® HD Clear Glaze** using a 10 mm nap roller and ensure that the surface of the underlying profile has been thoroughly wet.



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Application rate will be approximately 6 m<sup>2</sup>/L, depending on surface profile.  
Clean all equipment immediately after use with water.

7. Allow coated surfaces to dry for a minimum of 12 hours before opening areas to soft sole pedestrian foot traffic. Full cure can be achieved in 7 days under good (25 °C, 50% RH) drying conditions. Allow longer in cooler and/or more humid conditions. Allow 7-14 days under good drying conditions (25 °C, 50% RH) to cure before placing outdoor furniture on the coated surface. Exercise caution.

### CLEAN UP

Clean all equipment with water immediately after use and whilst still wet.

### MAINTENANCE

Surfaces coated in accordance with the above directions offer long-term use under typical domestic conditions. Follow basic cleaning guidelines to maximise the service life of the coating. Clean all spills as soon as they occur. Surfaces should be cleaned with a fine jet garden hose or soft bristle broom using mild detergent solution, then rinsed with fresh water.

With appropriate care, you'll be able to enjoy the long term decorative and functional benefits of your **LUXAPOOL® Poolside & Paving** surface for years to come.

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