

LUXAPOOL® EPOXY POOL COATING

Preparation and Application Guide

CEMENT RENDER, MARBLESHEEN®, QUARTZON®, OR PEBBLEMIX® POOLS

1. New Cement Render

- Use fresh cement and clean sand only.
- Allow concrete shells to cure for at least three (3) weeks before coating (72 hours for thin renders <10mm).
- Ensure the surface is free of contaminants, laitance, and loose matter via grit blasting, acid etching, grinding, or hand rubbing.

2. Marblesheen®/Quartzon®, Pebblemix®, and Old or New Cement Render

- Clean off oils and contaminants with CORROCLEAN.
- Acid etch using 1 part acid to 2 parts water for new render (1:3 for old render).
- Allow the acid to react for 5-10 minutes, then high-pressure water blast.
- Rinse with CORROCLEAN and then fresh water until no foaming is present.
- Let the pool surface dry for 3-4 warm, sunny days. Test for dryness before painting.
- Apply Epoxy Primer-Sealer (if applicable) in suitable conditions (10°C or above, out of direct sunlight).
- Allow 24 hours for curing time before applying the first coat of Epoxy Coating finish.
- Do not leave longer than 36 - 48 hours at 20°C before re-coating.

PREVIOUSLY PAINTED & FIBERGLASS SHELL POOLS

1. Suitability

- Test existing coating with Acetone to check for suitability for recoating.
- If unsuitable, remove all existing paint by sandblasting, water-blasting, or mechanical sanding.

2. Preparation

- Clean with CORROCLEAN to remove oils and contaminants.
- Remove all flaking paint, scale, or blisters by sandblasting, water blasting, or heavy mechanical sanding.
- Abrasive blasting is ideal; otherwise, mechanical sanding is necessary.
- Address fiberglass whitish surface deposits by abrading the surface or using diluted hydrochloric or muriatic acid.
- Repair surface irregularities with an approved epoxy-concrete repair system or standard cement render for large areas, and a fiberglass repair kit for fiberglass pools.
- Generally, a render having a sand-to-cement ratio of 2:1 - 3:1 is suitable.
- Allow to cure overnight and then sand back to a smooth surface before coating.

Application Instructions

Weather Conditions

1

- Check the weather forecast; **3 consecutive rain-free days** are ideal.
- Apply between **8-11 am** in spring and summer, and ensure temperatures are between **10°C** and **25°C**.
- Avoid application in extreme heat, hot winds, or in the evening after a hot day.

Application

3

- Apply using a **10-12mm nap roller**.
- Use thin coats to prevent sagging or blistering.
- Apply subsequent coats within **2 days**; if longer, lightly sand the entire surface before recoating.
- Ensure no rain or dew affects the final coat for at least 8 hours after application.

Common Issues & Prevention

Chalking:

Regular brushing minimizes this natural weathering

Blooming:

Moisture exposure during curing causes white deposits; sand before recoating

Blistering:

Caused by moisture or high temperatures during application

Staining:

Temporary discoloration may occur; fades over time

2

Mixing

- Drain Part A (Base) into a plastic bucket, then add Part B (Hardener). Stir well.
- Let it stand for **15 minutes**, then mix again.
- Pot life is approximately **1 hour at 15-20°C**.
- Use thinners (**max 5%**) for the first coat if needed.

4

Drying & Post-Application

- Let the coating cure for **5 days at 20°C** before filling the pool.
- Do not add chemicals/salt for at least **3-5 days** after the final coat.
- Maintain **pH (7.4-7.8)**, **Alkalinity 140-160 ppm**, and **Calcium Hardness 280-320 ppm**.
- Keep chlorine levels low to prevent chalking and coating degradation.
- Brush the pool every 4-6 weeks to maintain coating integrity.



Safety & Important Notes

- **Protective Gear:** Wear gloves, goggles, and protective clothing.
- **Mixing Precision:** Use whole packs—never partial amounts.
- **Storage:** Keep away from direct sunlight and extreme temperatures.

By following these steps, you'll ensure a long-lasting and vibrant pool finish!