



# PREPARATION & APPLICATION INSTRUCTIONS LUXAPOOL® CHLORINATED RUBBER SYSTEM

## P R E P A R A T I O N

The preparation of the surface to be coated is the most important step in coating a swimming pool. Please read thoroughly the preparation & application notes provided below, and follow them precisely for a trouble free application.

### (A) CEMENT RENDER POOLS ( & newly sandblasted pools with no coating remaining)

1/ New cement render should consist of fresh cement and clean sand only. Concrete shells must be left for at least three (3) weeks prior to coating to ensure that the concrete has properly cured and hydrated prior to sealing with LUXAPOOL. Thin finishing render less than 10mm, may be coated after 72 hours, but must be free from loosely adhering sand, debris...etc. **Do not use any waterproofing agents or cement additives in the render as this may affect the adhesive properties of the paint. Rectify any sign of ground water intrusion before surface treatment.**

2/ Remove all surface contamination, laitance and loose surface matter by acid etching new concrete surfaces ( dilution detail below), followed by high pressure (1,500 psi +) rinse and/or grit blasting & spot grinding until a clean, dry and dust free cement surface results.

3/ Wash again using a broom, with "CORROCLEAN Prewash" (non-caustic alkaline detergent) to neutralise any remaining acid. Follow with a thorough high pressure rinse with fresh water.(Note: Rinse until no foaming is present) Pump out waste water and sludge. Allow pool to dry out overnight - then surface is ready to coat with "LUXAPOOL® CR"

### (B) PREVIOUSLY PAINTED POOLS: (Chlorinated rubber only)

(\*Note: "LUXAPOOL CR" can only be applied over chlorinated rubber based surfaces that must be aged, firmly adherent & in a sound condition. If in any doubt, remove any previous coatings completely . To test whether the pool has been previously coated with chlorinated rubber, place Acetone on a cloth and rub dry area of painted pool. Do this test in a few varied areas all over the pool. If the coating becomes soft or sticky, then it is most likely a chlorinated rubber finish. If there is no reaction, and only paint oxides are removed, then the surface is most likely an epoxy coating. Chlorinated rubber should not be applied over an epoxy, fibreglass or on to a Marblesheen® /Quatrzon® rendered surface)

**This appraisal of the type of coating and suitability to re-coat is the users sole responsibility.**

1/ Remove all flaking or loosely adhering paint, scale or blisters. (This can be achieved either by sandblasting or heavy sanding) If sanding, sand entire pool surface to provide a mechanical profile to help LUXAPOOL® CR bond to the aged surface.

2/ Clean suntan oil, body fat, make-up and loose powder off walls with "CORROCLEAN Prewash" especially concentrating on the area just below the tile line. This is a critical part of the preparation of pre-painted pools and must be carried out even if the pool is sand blasted. CORROCLEAN® should be scrubbed-on with a borrm or scrubbing brush, then rinsed off.

3/ Hose pool down and drain waste water, flakes of paint and sludge. The pool is now ready to be coated with LUXAPOOL® CR.

#### NOTES: (PREPARATION)

\* **CORROCLEAN PREWASH** should be diluted at approx. 2 tablespoon per 10lt bucket of water in all the above preparation procedures. Although CORROCLEAN PREWASH is non-caustic, it is highly alkaline, and care should be taken in its use, even when diluted. Rubber gloves should be worn to prevent irritation of skin and protective goggles/glasses to protect eyes.

**\* ACID ETCHING –SAFETY WARNING!!** Take care when using hydrochloric acid – avoid splashing into face or eyes / or on to clothing. Wear waterproof pants, elbow length PVC gloves, rubber boots & goggles to minimise any danger. If acid splashes into eyes or onto skin – rinse immediately with copious amounts of water. If eye or skin is still irritated, seek medical advice immediately. Always add acid to water, NEVER ADD WATER TO ACID.

#### ACID ETCHING SOLUTION CONCENTRATIONS

SURFACE TYPE	ACID (by Part)	WATER (by Part)
NEW CEMENT RENDER	ONE PART	TWO PARTS
OLD CEMENT RENDER	ONE PART	THREE PARTS



# A P P L I C A T I O N

1/ Prepare all painting utensils prior to commencing the painting process. Ensure that you have all brushes, rollers, cleaning solvent, rags, etc.... adjacent to the pool before you start painting. Ensure all **LUXAPOOL® CR** batch numbers are the same before applying the final coat, as there may be minor variation between the colour of different batches. **LUXAPOOL® CR** is ready to use straight from the tin. It however does require stirring to ensure all pigment, etc.. is evenly dispersed throughout the tin and only open one tin at a time to prevent skinning

2/ The pool surface must be thoroughly dry prior to painting. High moisture content can cause failure of the **LUXAPOOL® CR** coating. Test a small area of the pool one-day prior to painting by taping a small patch of plastic to the pool floor in the morning. Remove the plastic around mid-afternoon and observe the underside (the side touching the pool surface).

**IF THERE ARE DROPLETS OF WATER PRESENT ON THE PLASTIC THEN THE MOISTURE CONTENT IS TOO HIGH. DO NOT PAINT UNTIL THE POOL IS THOROUGHLY DRY.**

3/ Apply **LUXAPOOL® CR** early in the morning, ideally within the temperature range 15- 23<sup>0</sup>C, and with the relative humidity approx. 50%. **NEVER APPLY LUXAPOOL® CR IN DIRECT WARM SUNLIGHT OR WHEN SUBJECT TO WARM/HOT WIND.** If possible protect the pool with a cover such as a shade-cloth, or tarpaulin, to minimise direct sunlight for the entire painting process. Allow adequate airflow between the pool and the cover to exhaust solvent fumes during and after application. So as to minimise the possibility of blistering, always aim to paint when the sun will not heat the pool for approx. four (4) hours after application. This allows all solvents to evaporate, therefore limiting solvent entrapment due to rapid surface drying.

4/ Your pool will require at least three (3) coats (new cement render pool) or two (2) coats (for a previously painted pool) of **LUXAPOOL® CR** applied to the properly prepared surface. When painting, use a brush to cut in at the tile line. Use a medium nap (10 – 12mm nap) roller to coat all large areas. Record the batch number of the paint (found on the colour label of every can). Allow to dry thoroughly before applying subsequent coats. **Apply only thin coats.** Application of thick coats can lead to run and sags, and subsequent blistering of the coating due to excess solvent entrapment. If the paint does require thinning, use only **LUXAPOOL® CR Solvent CRS**. Thin approx. 5% max. by volume (ie: 200ml solvent per 4Ltr can). Thin only when applying to porous surfaces such as uncoated aged cement render. *Ideally thin the first coat only. It is extremely important to only ever apply Luxapool CR in thin coats.* - Allow 12 - 18 hours drying between consecutive coats.

5/ Do not paint if the weather appears uncertain over the following 1 - 2 days. Rainfall or evening dew can damage an uncured coating. **If it does rain between coats the surface MUST be thoroughly abraded prior to applying the next coat.**

6/ Do not paint over a damp surface. This will result in blistering of the coating.

7/ The longer a pool is allowed to dry prior to filling, the better the ultimate coating quality and longevity. **ALWAYS** allow the coating to dry **at least five 5 days at an average daytime temperature of 20<sup>0</sup>C**, prior to filling the pool. If a coating has not had adequate drying time and is filled prematurely its colour and or appearance will be damaged. This is normally seen as cloudy, uneven colour distribution on the final coat.

8/ Stable pool chemistry impacts the longevity of the coating. Fluctuating pool chemistry **will** damage your coating. **For best results maintain pH between 7.4 & 7.8, maintain Total Alkalinity at a minimum of 140 ppm and Calcium hardness at 250 ppm – 300 ppm, and up to 450 ppm for darker colours. Minimise the use of acid where possible. Keep chlorine levels at a minimum consistent with good hygiene.** Excessive (high) chlorine levels will degrade your coating. Poor maintenance of pool chemistry can also accelerate chalking and lead to premature degradation of the coating.

9/ Once the pool has been filled it is important to maintain the surface. Brushing down your pool with a suitable pool brush every 4-6 weeks will assist in maintaining a coating of good quality and longevity.

## I M P O R T A N T N O T E / D I S C L A I M E R :

ALL MATERIALS ARE SUPPLIED TO COMMERCIAL & DOMESTIC CLIENTS STRICTLY UNDER THE FOLLOWING CONDITIONS - SINCE CONDITIONS OF USE AND THE COMPETENCE OF THE APPLICATOR ARE TOTALLY BEYOND OUR CONTROL, WE ASSUME NO RESPONSIBILITY OR LIABILITY IN CONNECTION WITH THE USE OF THE PRODUCT RELATIVE TO COVERAGE, OVERALL PERFORMANCE, LOSS OF INCOME OR INJURY. IF ANY FAILURE OR PROBLEM ARISE, D.P.J. COATING SYSTEMS PTY LTD ARE NOT OBLIGED BY LAW TO ATTEND ON SITE OR TO PROVIDE ANY REMEDY WHATSOEVER, AND IT WOULD BE YOUR RESPONSIBILITY TO PROVE THAT ANY FAILURE IS THE RESPONSIBILITY OF THE COATING MANUFACTURER.

