

CONCRETE APPLICATION INSTRUCTIONS

BEFORE YOU START

Please note the following:

CONFIRM WHICH SURFACE TYPE YOU HAVE so that you prepare the surface in the correct way. **READ THROUGH ALL THE INSTRUCTIONS** before you begin to confirm that you are following the correct process.

- Epoxy Paint is very hard when cured and can create a very slippery surface especially when wet, caution needs to be taken when entering the pool under these conditions. After a few months this surface will become more matte and should be less glossy. Non-slip surface can be created on areas like steps and ledges by using a silica sand between coats.
- Do not paint when temperatures are below 12°C.
- Do not paint when it's very hot for example 35°C, unless you are experienced with epoxies.
- No moisture should be present at any time during painting.
- Curing times before filling pool is 7 to 10 days.

SAFETY INFORMATION

Please note: A full set of Safety Data Sheets are available from our website www.epoxypoolpaint.com.au

RESPIRATORY PROTECTION: Suitable breathing mask when there is inadequate ventilation. Use approved respiratory protection when spraying.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

HANDS/FEET PROTECTION: Neoprene gloves or elbow length PVC gloves. PVC boots or PVC safety gumboots.

CONTACT WITH SKIN: Remove immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

EYE PROTECTION: Wear glasses/goggles with side shields or face shield to protect face and eyes.

IN CONTACT WITH EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention promptly.

BREATHING PROTECTION: Provide sufficient ventilation.

IF INHALED: Remove to fresh air and keep at rest in a comfortable position.

ENGINEERING CONTROLS: Ensure good ventilation/suction.

CONTROL PARAMETERS: None

OTHER: Normal work clothes covering arms and legs. Overalls and boots.

PREPARING THE SURFACE

SURFACE TYPE - CONCRETE

1. Follow Acid washing procedure below.
2. **CEMENT RENDER SHOULD BE TESTED FOR MOISTURE CONTENT BEFORE PAINTING.** It might take up to several days or weeks to dry out depending on temperatures. Moisture meters can be purchased from JayCar Electronics for around \$30.
3. It is recommended that a **NEWLY RENDERED POOL SHOULD ALWAYS BE PRIMED & SEALED** using [AQUASHEEN ULTRASEAL EPOXY PRIMER SEALER](#).

ACID WASHING

CONCRETE POOLS ONLY

1. **ALWAYS WEAR THE CORRECT PPE TO PROTECT YOURSELF**, the use of Hydrochloric Acid can be very dangerous, if you are unsure seek professional advice.
2. **ANY CHEMICALS SHOULD BE ADDED TO WATER AND NEVER THE OTHER WAY AROUND**, also never mix chemicals together. **ACID RATIO:** Add 2L of Acid to 10L of water.
3. Using a stiff brush with a long handle scrub the Acid solution onto the surface starting in the deepest part of the pool before it fills up. You can also use a watering can to distribute the solution directly onto the surface before scrubbing.
4. Wash down the surface thoroughly and repeat. On the final wash use a sodium bicarbonate solution (2kg to 10L of water) and wash down the entire surface. It is very important to not allow the acid to dry and ensure you remove all of it.
5. We recommend not acid washing the pool if you are not going to be able to do it properly, incorrect acid washing of a pool could cause more damage than not doing it at all. Mechanical grinding or sandblasting could replace this process.
6. **PLEASE NOTE:** If sandblasting, **PRIMER WILL BE REQUIRED. A PROFESSIONAL MUST DO THE SANDBLASTING.** Regulations of blasting might differ from state to state.
7. **SURFACE NEEDS TO BE COMPLETELY DRY AND RID OF ANY LOOSE MATERIAL BEFORE PAINTING**, using clear plastic taped to the surface will reveal residual moisture when baking in the sun.
8. Proceed to **APPLICATION PROCEDURE**.

APPLICATION PROCEDURE

If you are unsure about any part of this process it is recommended to contact Aquasheen first on 1300 4 EPOXY or email sales@aquasheen.com.au to clarify. Read carefully and ensure you understand before proceeding with any of these steps.

- 1. SURFACE SHOULD BE COMPLETELY DRY AND NO RAIN FORECASTED FOR A FEW DAYS.** Ideal temperatures would be around 20-25°C. If temperatures are too cold it might be too early in the day to paint, avoid painting too late as low temperatures and dew might settle on pool surface overnight. Start on the side of the pool that has the most sun in the cooler months of the year and start in the shaded areas in the warmer months of the year.
- 2. After cleaning and the surface is dry, you may continue to FILL CRACKS AND CHIPS IN YOUR SURFACE WITH AN EPOXY BASED FILLER,** we recommend using [MegaPoxy](#) or [Emerkit](#). **IF SANDING AFTER APPLICATION YOU MUST VACUUM UP ANY DUST.**
- 3. ADD PART B HARDENER TO PART A BASE.** Ensure to pour all of Part B products into Part A can. Stirring the product mechanically would be the best method using a paint mixer. When using a manual mixing rod its vital to mix using as many revolutions as possible, continuously for at least 5 min.
- 4. POUR CONTENTS INTO A CLEAN BUCKET,** use paint only from this bucket. **NEVER SCRAPE OUT THE CAN WITH THE BRUSH YOU'LL BE USING TO PAINT THE POOL.** This will result in unmixed paint that will never cure on the pool surface.
- 5. NEVER MIX HALF PACKS OR MORE THAN ONE PACK AT A TIME.** Once mixed paint will start to harden in 30 to 40 min on a hot day.
- 6. If you are not an experienced painter you might use tape to mask off certain areas, however this is not recommended. If tape is used, remove it as soon as possible after the area is painted, as removing the tape after paint is cured can be very difficult.**
- 7. APPLY THE FIRST COAT** using an [11mm Nap Roller](#). Cut in corners and around fittings using a [brush](#) before rolling. Standard painting rules apply.
- 8. APPLY TWO LAYERS ON AN AREA WHERE THE BRACES CAN BE MOVED TO THE NEXT DAY** - do this as you start and apply a second layer before you finish (minimum 2 hours apart). **REFER BACK TO PREPARATION INSTRUCTIONS FROM STEP 6 BEFORE DOING SECOND COAT.**
- 9. APPLY SECOND COAT** - AquaSheen is a High Build Premium Epoxy Pool Coating system, we would usually only apply 2 coats, 3 may be required in some circumstances. Apply the paint the same way you would of done the first coat
- 10. If you are left with a SURPLUS OF PAINT** after applying sufficient amount of coats, you can use the extra paint on the step area and around the edges of the pool to add extra layer protection.
- 11. ALLOW SURFACE TO CURE FOR AT LEAST 7 to 10 DAYS BEFORE FILLING** - removing any water from the pool during curing time until the day it's cured.

WATER BALANCE INSTRUCTIONS

VERY IMPORTANT

The most important part of any pool surface regardless of what type of surface it may be is by far the water balance. It's not just painted surfaces. When correct water balance is maintained consistently there is no reason for your pool surface to wear down other than standard wear and tear. It is **VERY IMPORTANT TO NOTIFY YOUR POOL SHOP, POOL SERVICE OR MAINTENANCE STAFF OF THESE CHANGE IN PARAMETERS.** If a computer is used, surface type needs to be noted as 'Paint' regardless of structure.

pH	7.6 - 7.8
TA	160 - 180ppm
CH	280 - 320ppm
Chlorine	< 3 ppm

Failing to control the water balance within these ranges will affect the coating and may cause "Chalking" of the surface. Chalking of the surface is a white powdery layer on the surface of the pool. Often corrected by fixing water balance, rubbing surface clean and filtering out sediment. All other levels may be adjusted as recommended by your professional advisor or supplier.

OTHER INFORMATION

DATE OF PREPARATION:

January 2020

Version 1.03

GENERAL:

The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief as of the date compiled. However no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Aquasheen assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such users or vendors assume all risks associated with the use of the material. It is the user's responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use. The users must determine whether the use of the information and data is in accordance with the local laws and regulations.

DISCLAIMER:

The manufacturer of Aquasheen products do not provide warranty for paint failure caused by factors beyond their control. Colours can vary from batch to batch and therefore slight variations in paint colour may be visible.