

## CONCRETE POOL PRE-PAINTED EPOXY 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. A non-slip surface can be created on areas like steps and ledges by using silica sand between coats.
- Do not paint when temperatures are below 12°C.
- Do not paint when it is very hot for eg: 35°C, unless you are experienced with epoxies.
- No moisture should be present at any time during painting.
- This paint is designed to be applied in consecutive days to ensure a good bond.
- Curing times before filling the pool is 7 to 10 days.

### SAFETY INFORMATION

Please note: A full set of Safety Data Sheets are available on request from [sales@aquasheen.com.au](mailto:sales@aquasheen.com.au)

**RESPIRATORY PROTECTION:** Suitable breathing mask when there is inadequate ventilation.

**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 - PREVIOUSLY EPOXY PAINTED CONCRETE

1. If the surface has been previously painted, but you are **UNSURE OF THE CURRENT PAINTED SURFACE, DO THE FOLLOWING TEST:** Soak a cloth in Xylene or Acetone and rub the dry paint continuously for 1 minute. If the old paint becomes sticky to touch, it is probably Chlorinated Rubber. If the surface has no affect and becomes more polished without any sticky residue then it's probably an Epoxy Coating. **AQUASHEEN EPOXY POOL PAINT CANNOT BE APPLIED OVER CHLORINATED RUBBER. YOU WILL NEED TO REMOVE ALL CHLORINATED RUBBER PAINT COMPLETELY** by grinding, failing to do so will cause the epoxy to delaminate.
2. It is **HIGHLY RECOMMENDED THAT ALL PAINTED EPOXY SURFACES GET A GOOD SAND**, either mechanically or manually using around 40 – 60 grit. **ANY LOOSE DEBRIS, FLAKING PAINT AND DUST NEEDS TO BE REMOVED FIRST.** Flaking paint needs to be removed by sanding or grinding of the surface using a ZEC type disc. Vacuum up any dust.
3. **THE SURFACE NEEDS TO BE WATER PRESSURE BLASTED WITH A HIGH-PRESSURE CLEANER**, we recommend around 4000psi to be sufficient. Normal smaller electric Gerni type blasters may not be enough.
4. **FOLLOW ACID WASHING and PREP 'N CLEAN PROCEDURE** below.
5. **THE CONCRETE SURFACE 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. Using clear plastic taped to the surface will reveal residual moisture when baking in the sun.
6. It is recommended that a **CONCRETE POOL SHOULD ALWAYS BE PRIMED & SEALED** using [\*\*AQUASHEEN ULTRASEAL EPOXY PRIMER SEALER.\*\*](#)

## ACID WASHING & PREP 'N CLEAN

### FOLLOW CAREFULLY

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. **ON THE FINAL WASH USE [\*\*AQUASHEEN PREP 'N CLEAN\*\*](#) following the product instructions to degrease and remove oil residue. **WASH DOWN THE SURFACE THOROUGHLY AND REPEAT. DO NOT ALLOW THE ACID OR PREP N' CLEAN TO DRY AND ENSURE YOU REMOVE ALL OF IT.****
5. **SURFACE NEEDS TO BE COMPLETELY DRY AND RID OF ANY LOOSE MATERIAL** before painting. **THERE MUST BE NO MOISTURE PRESENT.** Drying could take several days depending on temperatures.
6. 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](mailto:sales@aquasheen.com.au) to clarify. Read carefully and ensure you understand before proceeding with any of these steps.

- 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 the 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.
- 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 PI](#) or [Emerkit](#). This can also be applied after the first coat if you find cracks that you missed. **IF SANDING AFTER APPLICATION YOU MUST VACUUM UP ANY DUST.**
- MIXING PAINT OR PRIMER - 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, it is vital to mix using as many revolutions as possible and continuously for at least 5 min. Ensure you mix up any solids at the bottom of the tin if there is any.
- POUR CONTENTS INTO A CLEAN BUCKET. NEVER SCRAPE OUT THE CAN WITH THE BRUSH YOU'LL BE USING TO PAINT THE POOL.** This will result in an unmixed product that will never cure on the pool surface.
- NEVER MIX HALF PACKS OR MORE THAN ONE PACK AT A TIME.** Once mixed, the product will start to harden in 1 hour on a hot day.
- 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.
- APPLY PRIMER** using an [11mm Nap Roller](#). **AQUASHEEN ULTRASEAL EPOXY PRIMER SEALER** is designed to soak into the substrate and help prevent flaking and blistering of the painted surface. For this reason the viscosity of the product is more liquid when applied. **PAINT CAN THEN BE APPLIED WHEN THE SURFACE IS TRAFFICABLE**, which could be in as short as an hour.
- APPLY THE FIRST COAT OF PAINT.** Cut in corners and around fittings using a [brush](#) before rolling. Standard painting rules apply. When rolling using an [11mm Nap Roller](#), load the roller with paint (on average you should paint two lines of 1.5metre long per loaded roller. **DO NOT PUSH THE PAINT FURTHER THAN THE RECOMMENDED COVERAGE OF 30SQM PER 3.5LITRE KIT.**
- THE PAINT SHOULD TAKE AROUND 4 HOURS TO DRY ON A 25°C DAY. ENSURE IT IS FULLY DRY BEFORE APPLYING SECOND COAT. APPLY THE SECOND COAT BETWEEN 4 AND 24 HOURS AFTER FIRST COAT.** If you apply longer than 24 hours after the first coat you will need to sand (60grit) the first coat completely so that the coats will bind together.
- 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 have done the first coat.
- If you are left with a **SURPLUS OF PAINT** after applying a sufficient number of coats, you can use the extra paint on the step area and around the edges of the pool to add an extra layer of protection.

- If any spills are made on surrounding surfaces, [AQUASHEEN CLEAN UP SOLVENT](#) can be used on **WET and UNCURED** AquaSheen Epoxy Pool Paint as a general clean up solution.
- ALLOW THE 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, the 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 the water balance, rubbing the surface clean and filtering out sediment. All other levels may be adjusted as recommended by your professional advisor or supplier.

**POOL CARE GUIDE** - We have put together a helpful and handy document with tips and tricks to help you with your pool care. This document can be viewed on our website [here](#) or send us an email to [sales@aquasheen.com.au](mailto:sales@aquasheen.com.au) to request an electronic copy to be sent.

## OTHER INFORMATION

**DATE OF PREPARATION:** JULY 2020

*Version 1.1*

### 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 manufacturers of AquaSheen products do not provide warranty for paint failure caused by factors beyond their control.