

FIBREGLASS POOL - EPOXY PAINTED OR UNPAINTED 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's very hot for example 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

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 - FIBREGLASS

1. **ALWAYS ENSURE A FIBREGLASS POOL IS SECURELY BRACED** before emptying the water, if not properly braced a fiberglass pool may collapse. If unsure of this process seek professional assistance. Acro-Props and timber planks would be the industry standard for this process.
2. 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.
3. 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.
4. **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.
5. **IF THE FIBREGLASS IS COVERED WITH A WHITISH SURFACE BUILD UP IT IS HIGHLY RECOMMENDED THAT THE SURFACE IS ACID WASHED AND [AQUASHEEN PREP 'N CLEAN](#) IS USED**
6. **IF ACID WASHING**
 - **ALWAYS WEAR THE CORRECT PPE TO PROTECT YOURSELF**, the use of Hydrochloric Acid can be very dangerous, if you are unsure seek professional advice.
 - **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.
 - 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.
7. **WASH THE SURFACE WITH [AQUASHEEN PREP 'N CLEAN](#)** following the product instructions. Even if the pool was not acid washed we would still recommend you use Prep 'N Clean 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.**
8. **SURFACE NEEDS TO BE COMPLETELY DRY** before painting. **THERE MUST BE NO MOISTURE PRESENT.** Drying could take several days depending on temperatures. Using clear plastic taped to the surface will reveal residual moisture when baking in the sun.
9. 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 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.
- 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 PI](#) or [Emerkit](#). **IF SANDING AFTER APPLICATION YOU MUST VACUUM UP ANY DUST.** The filler can also be applied after the first coat if you find cracks that you missed.
- 3. ADD PART B HARDENER TO PART A BASE.** Ensure you 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.
- 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, the paint will start to harden in 1 hour 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.** 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.**
- 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).
- 9. THE PAINT SHOULD TAKE AROUND 4 HOURS TO DRY ON A 25°C DAY. ENSURE IT IS FULLY DRY BEFORE APPLYING SECOND COAT.** Move the braces to the section that you painted two coats. (This is a two-person process)
- 10. Lightly sand the surface down again now using 60 grit sandpaper. Spend extra time on the sharp edges that might have been caused by debris falling into the paint. Vacuum up any dust.**
- 11. APPLY THE SECOND COAT -** If you apply longer than 24 hours after the first coat you will need to sand the first coat completely so that the coats will bind together. AquaSheen is a High Build Premium Epoxy Pool Coating system, we would usually apply 2 coats, but 3 may be required in some circumstances. Apply the paint the same way you would have done the first coat, remembering to apply two coats to the section that you originally had the braces on.

