# LIQUID GLASS

# LIQUID GLASS TUB & TILE

## Technical Data Sheet

Reviewed: 19.06.2026

## DESCRIPTION

**LIQUID GLASS TUB & TILE** is a specially modified 2-component, solvent-free epoxy paint, for bathtubs, indoor tiles and porcelain. It creates a uniform glossy enamel like surface. It has excellent mechanical resistance, very good resistance to most household cleaners and excellent resistance when permanently contacting water. Due to these properties, it is recommended for application on tiles and bathtubs as a more long-term solution compared to other water-based and most solvent-based products. Its special composition meets extremely high durability requirements. The combination of solvent-free formulation makes it ideal for easy application indoors.

## ADVANTAGES

- Excellent adhesion
- Extremely hard
- High resistance to abrasion and mechanical wear
- High resistance to chemicals and most cleaning agents
- Exceptional resistance to chalking
- Outstanding resistance to water and moisture
- Provides a durable finish
- Excellent color retention
- Solvent free – great for indoor application
- TR coloring base also available

## APPLICATIONS

- Can be applied on tiles, bathtubs and sinks, porcelain, as well as various other surfaces such as cement, stones, etc.
- For use on vertical or horizontal surfaces, only for indoor applications.

## INSTRUCTIONS FOR USE

For tiles and bathtubs:

1. Clean the surfaces thoroughly where the application will take place using **OXY CLEAN CL17** to remove dirt, oils, and any other impurities, ensuring proper adhesion of the surface.
2. Sand the surface with no. 220-280 sandpaper.
3. Degrease surfaces with acetone or **DIL X 100** solvent.
4. Surfaces already painted must be fully cleaned using chemical or mechanical means and carefully abraded.
5. Clean the mohair – short hair rollers and brushes before using to remove loose hairs.
6. Apply tape to corners and edges, protecting areas you don't want to paint.
7. Repair chips and cracks with epoxy filler **EPOXITE CONSTRUCT.** Sand the patched surface and remove dust.
8. Ideal painting conditions: 15°C – 30°, Relative Humidity <70%.

Painting indoor cementitious surfaces:

Decayed surfaces of concrete and cement mortar are unsuitable for painting, and the paint will peel off. Remove decayed pieces and repair – fill with epoxy putty **EPOXITE CONSTRUCT** or with **ISOMIX MECHANIC R4** cementitious repair mortar.

**Priming**

Non – porous surfaces (such as tiles, etc.) need to be primed with a two – component solvent-based epoxy primer **EPOXITE DUR** or with a solvent free, water-based epoxy primer**, EPOXITE DUR AQUA** to enhance adhesion, mainly in areas with high mechanical demands or industrial use.

Sound and porous surfaces made of concrete or cement mortar can also be primed with the aforementioned primers for durability enhancement.

Surfaces exhibiting rising dampness must be primed with the solventless - 100% solids epoxy primer **EPOXITE DRY MAX WET.**

**Application**

1. Components A and B are packaged in predetermined quantities for easy mixing.
2. **LIQUID GLASS TUB & TILE** is solvent free and does not need to be diluted.
3. Mix the two components separately very well (using a clean stirrer) before combining them. Then, carefully stir the mixture for 2 minutes to ensure thorough blending on the walls and bottom of the container. Mixing can also be done with a low – speed drill (200-300 rpm). Inadequate mixing of the two components may cause uneven hardening of the paint, resulting in some areas not to fully hardening.
4. After mixing the two components, wait for 3 minutes, then apply the paint as is.
5. Application should be done between 20 minutes during summer weather and 30 minutes during winter weather for optimal workability, but application period can be extended up to 10 minutes further.
6. Apply using a brush, roller, or spray gun one or two coats. Ideally, apply by roller and then go over it with a brush to smooth and deaerate. Usually, one thick coat is sufficient.
7. The second coat should be applied within a period of 12 to 24 hours.
8. The paint achieves its final properties 7 – 14 days after applying the final coat, depending on external conditions.

## REMARKS

- It is recommended to use protective gloves during application.
- Newly painted surfaces must be protected from moisture for 36 - 48 hours.
- If the final surface is repainted with another coat after 24 hours, adhesion of the subsequent coat might decrease. It is suggested to lightly sand the old surface and remove dust before painting.
- The hardening process and the shelf life of the A+B mixture are affected by temperature and relative humidity. Low temperature and high humidity increase the mixture's shelf life, and vice versa.
- Before using **LIQUID GLASS TUB & TILE**, gather all information and instructions available for better and safer use.
- Work in a well-ventilated area and use appropriate personal protective equipment.
- It is advisable to perform a suitability test before each application.
- Suitable for use by professionals or experienced users.

## LIMITATIONS

- It is not for use on galvanized steel or flexible plastic.
- Do not use on areas exposed to extreme heat such as stovetops, or constant high humidity environments.



Evochem®
EVOCHEM S.A.
Tzaverdella place 13341, Fyli, Attica, Greece
Tel.: 210 5590460, 210 5590155 Fax: 210 5590244
E-mail: info@evochem.gr Website: www.evochem.gr

## CLEANING
Clean tools with **DIL X 100** or Polyurethane solvent.

## COVERAGE
300 – 400gr/$m^2$ for one or two coats application on properly prepared surfaces.

## TECHNICAL CHARACTERISTICS
**Base:** Epoxy resin
**Color:** White, TR Base
**Specific Gravity:** 1,30 ± 0,20 gr/$cm^3$ 25$^0$C
**Viscosity:** 10.000-15.000 cps 25$^0$C
**Mixing Ratio (A+B):** Printed on product container
**Pot Life:** ~ 30 mins at 25ºC
**Touch Dry:** 4 – 6 hours at 25ºC
**Recoating (2nd):** 12 – 24 hours at 25ºC
**Walkable:** 36 hours at 25ºC
**Light Use:** 48 hours at 25ºC
**Maximum strength:** 14 days at 25ºC

## STORAGE
Products should be stored in a dry and cool place at a temperature of 5$^0$C – 35$^0$C, away from sources of ignition. Protect from humidity and direct sunlight.

## SHELF LIFE
At least 36 months from the production date in the above-mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

## PACKAGING
SET A+B of 1kg

## HEALTH AND SAFETY INFORMATION
Consult recent Safety Data Sheet before application

**The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.**

TECHNICAL SUPPORT
210.5590460
MONDAY TO FRIDAY 8:00 - 16:00



Evochem®
EVOCHEM S.A.
Tzaverdella place 13341, Fyli, Attica, Greece
Tel.: 210 5590460, 210 5590155 Fax: 210 5590244
E-mail: info@evochem.gr Website: www.evochem.gr