LIQUID GLASS

LIQUID GLASS PROTECT VARNISH

Technical Data Sheet Reviewed: 16.06.2026

DESCRIPTION

LIQUID GLASS PROTECT VARNISH is a 2-component transparent acrylic polyurethane varnish that provides long-term protection to LIQUID GLASS and many other surfaces. Contains powerful UV filters and HALS stabilizers for effective protection from sunlight. The durable formula provides a long-lasting finish that ensures excellent resistance to moisture, scratches, frequent use, solvents and environmental conditions. It is suitable for indoor and outdoor use.

ADVANTAGES

- Forms an elastic, seamless, transparent protective membrane
- Excellent wear resistance
- Excellent adhesion properties
- Excellent sun and frost resistance
- In case of mechanical damage, the membrane can be easily repaired locally in minutes

APPLICATIONS

- Protection of liquid glass river tables indoors and outdoors
- Protection of countertops with liquid glass application
- Protection LIQUID GLASS 3D FLOOR applications
- Protection of all liquid glass surfaces for high resistance to frequent use and sunlight.
- Protection of most wooden and metal surfaces.

INSTRUCTIONS FOR USE

Surface preparation

1. The substrate should be dry and free from dust, chalk, grease, and any foreign material that may harmfully affect adhesion.

2. The surface must be completely dry prior to application. Allow at least 7 days after the last coat of liquid glass.

3. Minimum application temperature 10°C.

Priming

Not necessary.

Application

1. Mix carefully the 2 components taking care to ensure thorough mixing on the walls and the bottom of the pail.

2. Allow mixture to stand for 10-15 minutes for the 2 **ingredients to react.**

3. Apply the first coat with a roller, brush, or spray gun.

4. You must avoid applying the varnish in heavily – thick coats, since it will wear rapidly.

5. The second coat may be applied when the first is thoroughly dry, 12 - 24 hours depending on ambient temperature.

6. The final curing is achieved in 14 days (25°C).

CLEANING

With DIL X - 100 or nitro solvent.

COVERAGE

~5m²/Lt for two coats depending on surface absorption.

MAINTENANCE OF SURFACE

Wash with a mild detergent and water and rinse thoroughly.

TECHNICAL CHARACTERISTICS

Base: Acrylic polyurethane
Color: Transparent
Specific gravity: 1,05 ± 0,05 Kg/Lt 25ºC
Thinning: 0 - 5% with DIL X – 100
Recoat: 12 - 24 hours depending on room temperature
Open time: 3 - 6 hours
Final curing: 14 days
Application temperature: 10°C - 35°C
VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/j(SB) (two pack reactive performance coatings): 500gr/lt (2010). This product contains maximum 499gr/lt VOCs (ready for use product).

STORAGE

Products should be stored in a dry and cool place at a temperature of 5°C -35°C, away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

24 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) 375ml, 1Lt

HEALTH AND SAFETY INFORMATION

Consult recent products Safety Data Sheet before use.

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.

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