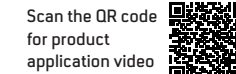


ISONEM[®] LIQUID GLASS



Floor Coating

Liquid Glass

ISONEM LIQUID GLASS is a two-component product which excellent adheres to surface like glass, mosaic, tile, porcelain, ceramic, marble, granite, natural stone, wood, concrete, screed, galvanized sheet, aluminum etc..

The product that has high resistance to atmospheric conditions can be used for waterproofing and decorative purposes. Produced in transparent or transparent color the product has high chemical and physical besides excellent water resistance.

It is not affected by U.V and outdoor weather conditions. It does not make yellowing, fading or peeling off in time. It is especially applied as a solution to insulation problems arising on the floors such as balconies, terraces, bathrooms, and pools easily and without damaging the existing coating.

TECHNICAL SPECIFICATIONS

- Density (25 ° C, g/mL): 0.90 ± 0.10
- Water Transmission Rate (kg/ m². h0,5): ≤ 0.1, CLASS W₃
- Permeability to water vapour (m): 5s sD ≤ 50, CLASS II
- Mixture life (hours, 20 ° C): 1 (depends on ambient temperature)
- Mixing Ratio (by weight): 7 portions of Liquid Glass A Component / 1 portion of Liquid Glass B Component
- Drying Time (hours, 20°C): 4 – 8 (It may vary depending on the application fullness and moisture)
- Curing Time (hours, 20°C): 18 - 24 (relative humidity of the air must be less than 80%)
- Full cure reaction time: 7 days.

APPLICATION INFORMATION

Surface Preparation : The relative humidity of the air should be maximum 80%, the ambient temperature should be 15 - 35 ° C and the surface temperature to be applied should be at least 5 ° C. It should not be applied in rainy weather. For good adhesion, surface cleaning should be done very well. Any kind of oil, dust, dirt, rust and similar substances on the surfaces to be applied between the liquid glass and the floor which may prevent the liquid glass from sticking to the surface should be completely cleaned. On the old painted surfaces where the liquid glass application will be made, the paint should be completely removed if it is damaged and flakes formed. The sanded surface provides better mechanical properties for liquid glass application and helps to better adhesion of the liquid glass to the surface.

Application Method : Before application, the two components must be mixed thoroughly and at the given ratios. The two components can only react when they are uniform and complete. Waiting times between coats must be 24 - 48 hours / 20 ° C, 2 or 3 coats for best performance.

PACKAGING : Component A: 3,5 kg, Component B: 0,5 kg.

CONSUMPTION : 0,15 - 0,20 kg/m² (one coat). 20 - 26 m² / set

SHELF LIFE : 2 years from the date of production as tightly closed packaging covers in dry and cool environments away from heat and fire.

USAGE AREAS

- Glass, glass brick, mosaic, mosaic tile,
- Tiles, ceramics, marble, granite, natural stone, porcelain surfaces
- In press bricks,
- On wooden surfaces,
- Balcony, terrace, bathroom, kitchen, stone-covered exterior.
- Ceramic, glass mosaic covered ornamental pools.
- It helps to prevent dusting on absorbent surfaces.
- Wide usage area.

IMPORTANT
The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. For complete reaction, component A and comp. B must be mixed thoroughly at the specified rates and weight.

General Features

- Provides %100 Waterproofing
- B fl S1 Fire Class
- High Adhesion Strength
- Fast Drying

Application Conditions and Risks

Things to consider during and after the application

The application surfaces must be clean and free from dirt, oil, rust etc..

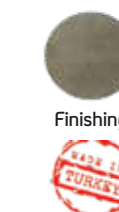
Applicable temperature: Between +5 and +35°C

ISONEM products for surface preparation: X

Application condition: Apply one coat on non-absorbent surfaces.



Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Same direction as the first layer	Same direction as the first layer	Same direction as the first layer	Same direction as the first layer	X	Same direction as the first layer
Surface Humidity	Dry Surface	Dry Surface	Dry Surface	Dry Surface	X	Dry Surface
Application Tools	Roller (synthetic epoxy) brush, suitable spray	Roller (synthetic epoxy) brush, suitable spray	Roller (synthetic epoxy) brush, suitable spray	Roller (synthetic epoxy) brush, suitable spray	X	Roller (synthetic epoxy) brush, suitable spray
Primer Usage	X	X	X	X	X	X
Primer.Conspt	X	X	X	X	X	X
Product Usage	2 Layers	1 Layer	2 Layers	1 Layer	X	1 Layer
Product.Conspt	150 - 200 g/m ²	150 - 200 g/m ²	150 - 200 g/m ²	150 - 200 g/m ²	X	150 - 200 g/m ²
Betw.Two.Coats	24-48 Hours	24-48 Hours	24-48 Hours	24-48 Hours	X	24-48 Hours
Application	? Day	? gün	? Day	? Day	X	? Day



Finishing



The information given in this technical data sheet has been prepared according to our knowledge, experiment results, and experiences. The correct and successful implementation of our products is completely beyond our control and responsibility. For this reason, our responsibility is limited to the quality of our product only, and this manual overrides all previous technical statements, descriptions and label information.

Our products are not classified by Biocidal Products Regulation