

Liquid Glass-Transparent and Bright Waterproofing

Product Description

BILIZO[®] PU CLEAR is a two-component product which excellently adheres to surfaces like glass, mosaic, tile, porcelain, ceramic, marble, granite, natural stone, wood, concrete, screed, galvanized sheet, aluminum etc.. The product, which has a high resistance to atmospheric conditions, can be used for waterproofing and decorative purposes. Produced in transparent, 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 yellow, fade or peel off over time. It is especially applied as a solution to insulation problems arising on floors such as balconies, terraces, bathrooms easily and without damaging the existing coating.

Packaging

BILIZO[®] PU CLEAR; It can be prepared from 1.7 kg of component A – 0.3 kg of component B or 8.5 kg of component A – 1.5 kg of component B.

Areas of Usages

- 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.

Technical Data

Colour	Transparent
Density (20°C)	A: 0,90 ± 0,10 B: 0,95 ± 0,10
Pot Life (+23°C)	50-60 minutes
Touch-free Drying	1-2 hours
Through-dry time	7 days
Water transmission rate (kg/ m ² . h0,5)	< 0,1 CLASS W3
Adhesion strength by pull-off test (N/mm ²)	Rigid system without trafficking ≥ 1.0 N/mm ²
Permeability water vapour (m)	5 ≤ SD ≤ 50 CLASS II

Application Procedures

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. In tile, ceramic applications, if existing joint fillings were worn away, they should be renewed. The sanded surface provides better mechanical properties for liquid glass application and helps to better adhesion of the liquid glass to the surface.

Application Methods: Before application, the two components must be mixed thoroughly and at the given ratios. The two components can react only when the mixture is uniform and complete. The number of floors to be applied for the best performance is indicated in the table below.

Clean Up: Clean all tools and application equipment with cellulosic thinner immediately after use.

Material Consumption: 200 - 250 gr/ m² (one floor)

Storage

Store the product in a cool and dry place. Shelf life of the product is 1 year for Components A and B when stored properly in the original container unopened.