TERRAZOLIQ

TECHNICAL DATA SHEET

EP-LIQ

TWO COMPONENT SOLVENT FREE EPOXY LİQUİD TERRAZZO

EP-LIQ is a two component, solvent free, epoxy based liquid terrazzo featuring a microstructure composed of colored quartz. The product exhibits no surface discoloration, bubble formation, or pinholes. EP-LIQ is offered in an array of colors. With its extensive color palette and customizable color schemes, it enables the creation of high-strength surfaces for interior environments.

FEATURES

- Visual opulence
- An extensive array of decorative quartz designs
- Resistant to acids and chemicals.
- Available for use in 8 hours.
- Simple application.
- It is free of solvent.

APPLICATION AREAS

It can be utilized in factories, offices, warehouses, shopping centers, workshops, aircraft hangars, educational institutions, hospitals, the pharmaceutical sector, the food industry, laboratories, parking facilities, water treatment plants, heavy-duty forklifts, and environments where corrosive chemicals are employed.

PACKAGING

TAKIM: 17 KG **A-PART: 12 KG / B-PART: 5 KG**

MIXING

Component A is blended using a mechanical mixer at a low speed of 300-400 rpm until a homogeneous consistency is achieved. Subsequently, Component B is incorporated into Component A and mixed continuously for 2 minutes until the mixture is uniform. Care should be taken to avoid overmixing in order to minimize air entrapment.

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BEFORE APPLICATION

Prior to application, assess the relative humidity and dew point. If conditions are favorable, proceed with the application. Avoid applying the product to areas where moisture is emanating from the surface. Newly applied EP-LIQ must be protected from moisture, condensation, and water for a minimum of 24 hours. EP-LIQ applied to the same area should originate from the same product group to guarantee a perfect match in coating color. If heating is necessary, utilize electric systems, as fossil fuel systems can impact the surface appearance. Sun exposure may lead to color discrepancies; however, this variation does not compromise the material's performance. Application should not occur if the surface temperature is below +5°C or above +35°C.

APPLICATION

Epoxy primer must be applied initially to surfaces that have been adequately prepared and free of oil, dirt, and dust. EP-LIQ is then poured onto the primed area and spread using a notched trowel. Subsequently, a spiked roller is employed to eliminate entrapped air. The prepared mixture should be utilized within 40 minutes. Repair and leveling procedures should commence no sooner than 8 hours after the application of the epoxy primer.

CONSUMPTIONS

1.50 mm Thickness	**PTE-EX 101 Solvent-Free Epoxy Primer:** 0.200-0.250 kg/m² **EP-LIQ:** 1.20 kg/m²
2.00 mm Thickness	**PTE-EX 101 Solvent-Free Epoxy Primer:** 0.200-0.250 kg/m² **EP-LIQ:** 1.80 kg/m²
3.00 mm Thickness	**PTE-EX 101 Solvent-Free Epoxy Primer:** 0.200-0.250 kg/m² **EP-LIQ:** 2.80 kg/m²

STORAGE

It has a shelf life of 12 months when stored in its unopened original packaging under dry, sealed conditions at a temperature of 15-25°C.

TECHNICAL SPECIFICATIONS

Pot Life at 20°C	30 Minutes
Working Life 20°C	40 Minutes
Viscosity	2.000-2.500 MPas
Density	1.00±0.05 g/cm^3 at 20°C TS EN ISO 2811-1
Application Instruments	Toothed Trowel, Spiked Roller

CURING TIME

Pedestrian Traffic at 25°C	6-8 Hours
Light Vehicle Traffic at 25°C	24 Hours
Heavy Vehicle Traffic at 25°C	36 Hours
Touch Dry Time at 25°C	1-2 Hours
Negative Interaction With Water	Inevitably for 24 hours.

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