



TECHNICAL DATA SHEET

PU-LIQ

TWO COMPONENT SOLVENT FREE ALIPHATIC POLYURETHANE LIQUID TERRAZO

PU-LIQ is a two component, solvent free, aliphatic polyurethane based liquid terrazzo with a microstructure designed with colored quartz. No surface discoloration, bubble formation, or pinholes are observed. PU-LIQ is available in a variety of colors. With a wide range of colors and custom color schemes, you can achieve high-strength surfaces for both indoor and outdoor spaces.

FEATURES

- Aliphatic, non-yellowing.
- A wide range of decorative quartz designs
- Resistant to acids and chemicals
- Ready to use in 6 hours.
- Easy application.
- It does not contain solvent.

APPLICATION AREAS

It can be applied in factories, offices, cafes, restaurants, warehouses, shopping malls, workshops, aircraft hangars, schools, hospitals, pharmaceutical industry, food industry, laboratories, parking lots, water treatment plants and areas where heavy forklifts are used.

PACKAGING

SET : 15 KG

A-PART: 10 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.

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 PU-LIQ must be protected from moisture, condensation, and water for a minimum of 24 hours. PU-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. 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. PU-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
PU-LIQ: 1.20 kg/m²

**2.00 mm
Thickness**

PTE-EX 101 Solvent Free Epoxy Primer: 0.200-0.250 kg/m²
PU-LIQ: 1.80 kg/m²

**3.00 mm
Thickness**

PTE-EX 101 Solvent Free Epoxy Primer: 0.200-0.250 kg/m²
PU-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

CURING TIME

Pot Life at 20°C	20 Minutes	Pedestrian Traffic at 25°C	6-7 Hours
Working Life 20°C	30 Minutes	Light Vehicle Traffic at 25°C	24 Hours
Viscosity	1.800-2.200 MPas	Heavy Vehicle Traffic at 25°C	36 Hours
Density	1.02±0.05 g/cm ³ at 20°C TS EN ISO 2811-1	Touch Dry Time at 25°C	1-2 Hours
Application Instruments	Toothed Trowel, Spiked Roller	Negative Interaction With Water	Inevitably for 24 hours.