

Eurostep Poland – Ksawerów – Tymiankowa 37-39 - 95-054

Europox ZY

Packaging:

2 components: 10,20,30 kg

Component A: 21,42 kg

Component B: 8,58 kg

Properties:

- **Close to 100% solid, solvent-free**
- **Low viscosity**
- **High adhesive strength**
- **Easily processable**
- **Very good pore filling capacity**
- **Density (g/cm³) primer = 1**
- **Electrical conduction > 100 G σ .**
- **Viscosity m² (mPa.s) primer 1300-1800**
- **Adhesive strength (N/mm²) > 1,5 (concrete fracture)**
- **Shore hardness > D80**

Description:

Europox ZY is a solvent free two part epoxy primer. Europox ZY has great adhesive qualities for normal to strong absorbent porous substrates and is the recommended primer for porous cementitious substrates such as normal concrete and cement screeds.

Substrate:

The substrate must be clean and dry and free of dirt, oil, grease and any other impurities or contaminants.

The substrate must be sound and sufficiently compression resistant (at least 25 N/mm²), with a minimum adhesive strength of 1,5 N/mm².

Weak concrete must be removed, and surface damage such as blowholes and voids must be repaired with Sealer E and then primed again. **DO NOT USE POLYESTER PUTTY AS NO ADHESION WILL BE OBTAINED.**

The concrete or screed substrate must be primed.

Uneven substrates must be levelled in order to achieve an even substrate.

Before applying the product, all dust and loose parts must be fully removed, preferably using a brush and or industrial vacuum cleaner.

Product	Consumption
Europox ZY	125-150 g/m²

Application conditions:

Surface temperature: Minimum 10 °C, maximum +35°C

Ambient temperature: Minimum 10 °C, maximum +35°C

**Substrate moisture content: < 4 % damp
To be tested with a carbide meter.**

Relative air humidity: Maximum 80 % R.H.

Dew point: Beware of condensation

The temperature of the substrate and non-hardened material must be at least 3°C higher than the dew point to reduce the risk of condensation, efflorescence or stickiness (carbamate formation) on the floor finish.

Remark: Low temperatures and high air humidity increase the risk of efflorescence or carbamate formation.

Pay attention:

- **Please check if you have the right A + B component**
- **Mixing is very important. Use the time strictly because otherwise no chemical reaction will take place.**
- **When applying the material please wear protective clothing and gloves.**

Additional information:***Shelf life / storage'***

Up to 12 months after the production date in the original, sealed, unopened and undamaged packaging, stored dry between + 5 °C and 30°C.

Mixing

Mixing ratio: Component A: Component B = 100:40

Add part B to Part A and mix continuously for 2 minutes until a uniform mixture has been achieved

Application

Potlife @ 20°C	25 minutes
Touch-dry @20°C	8 hours
Foot Traffic @20°C	24 hours

Form

Component A: Liquid, coloured

Component B: Liquid, transparent, brown

Application at different stages and combining different batch numbers in one project could result in a slight colour difference, to avoid this:

Order all materials for your project at the same time.

Discoloration and color deviation can occur, this will not affect the functionality or performance.

Remarks :

The most important issue of priming is the filling of all the (micro) pores to avoid air bubbles and pinholes in the wearing course.

Uneven or dirt covered substrates should not be treated with thin coatings. Both substrate and adjacent areas should always be thoroughly prepared and cleaned prior to application.

Protection from rain and water is necessary during processing and hardening.

Wrong assessment and treatment of cracks can result in a reduction of lifespan and recurring cracking.

Mixed materials must be processed immediately as flow and defoaming will be reduced when pot life date expires.

If heating is required do not use gas, oil paraffin or other fossil fuel burners. These produce large quantities of CO₂ and water vapour, which can adversely affect the finish. For heating, only use electrically powered hot air ventilation systems.