

BILIZO® **MORTAR FIX**

Epoxy Resine Based, Repair, Anchorage and Mountaing Mortar

Product Description

BILIZO® MORTAR FIX ; is a two component anchorage, building up and repair mortar.

Uses

- Building up of all kind of iron ore and anchorage
- Repairing and insolation of cracks
- Repairing of all structural concretes
- Excellent adhesive of metal parts to concrete or steel.

Packaging

BILIZO® MORTAR FIX; is supplied in 5 kg pails. (A component is 3,75 kg and B component is 1,25 kg)

Consumption

1,7 kg/m² applied for 1 mm thickness.

Depending on the system solutions, the usage and amount may change.

Advantages

- Solvent free
- Easy to use
- High mechanical strength
- Waterproofing
- Adhesive to moist surfaces
- Excellent adhesive to concrete and steel

Technical Data

PROPERTIES	RESULT
Composition (A component)	Epoxy Resine
Composition(B component)	Epoxy hardener
Color	Grey
The Mixed Density	±0,05 kg/litre
Chloride Ion Content	≤ %0,05
Glassy Transition Temperature	≥ 45°C
Application Thickness	Min. 2 mm, max. 30 mm
Duration Of Use Mixed Product	40 dk. (20°C)
Time to Get Full Strength	7 days
Adhesion Strength(On concrete)	3 N/mm ²
Adhesion Strength(On steel)	3,5 N/mm ²
Compression Strength(1 day)	30 N/mm ²
Compression Strength(7 day)	75 N/mm ²
Temperature	-15°C +90°C
Flexural Strength(1 day)	17 N/mm ²
Flexural Strength(7 day)	25 N/mm ²

PS: The informations above is given according to +23 °C and 50% humidity. High temperatures shorten the curing time and low temperatures increase the curing time.

Application

Surface Preparation: Cement based surfaces should be free of any contamination. Metal surfaces should be free of any corrosion and dirt.

Application: BILIZO® MORTAR FIX; can be applied by spud and spatula. The holes maked for iron ore should be cleaned by air and the holes also should be 6 mm larger than the fittings. This product can easily applied by mortar gun.

Mixture : Two component should be mixed by mixture for 3 min. While mixing, be sure that product temperature is between 15-25°C.

Mixture ratio: A Component 3,75 kg(epoxy resine)
B Component 1,25 kg (epoxy hardener)

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.

Cleaning the Equipments

Clean the equipments with detergent hot water.

Warning

BILIZO® MORTAR FIX should be mixed in a proper cup. Never mixed by hand or sput. Curing time of epoxy based products based on temperature. Optimum application temperature is 10-20°C. Do not add any water or othr new material to the mixture.

Safety Measures

Application areas should be vebtilated. Hands and eyes must be protected with gloves and protective glasses, proper work clothes and mask must be weared. Case of eye or skin contact, rinse with plenty of water for the material and consult a doctor immediately. Keep away from children.