

BILIZO® **BITUPOL 100**

Polymer And Bitumen Based, Two Component, Crack Sealer, Solvent Free Waterproofing Material

Product Description

Polymer and bitumen based, two component, crack sealer, solvent free waterproofing material for roofs.

Uses

- Against ground humidity and stabilize waste water,
- Wall insulations,
- Balcony and flower beds,
- All kinds of roofs and terraces ((under tile),
- Wet areas (kitchen, bath, laboratory etc.)

Consumption

Minimum consumption is 3 kg/m² in 2-3 layer.
During the application, consumption may increase according to surface roughness.

Advantages

- Low cost
- Short curing time
- Perfect covering
- Ability to cover surface cracks
- Easy application

Packaging

BILIZO® BITUPOL 100 2K A Component: 22 kg liquid / B Component: 8 kg powder polyethylene sack, totally 30 kg combi set plastic pail.

Technical Data

Color	Brown, black
Density	1.05 ± 0.01 kg/lit
Ph	10.5 - 11.5
Viscosity	50 d Pa.s
Solids (A Component)	53.0 % ± 1.0 %
Solids (A+B Component)	64.0 % ± 1.0 %
Surface Application Temperature	+5 °C / +35 °C
Ambient temperature	+5 °C / +35 °C
Initial Curing Time	4-6 hours
Complete Curing Time	1 - 5 days
Contact time with water	48 hours

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 should be dry, clean, free of any defects and load-tolerant. Any oil, wax, grease, water repellent, easily detachable and loose parts and dust on the surface which may impair adhesion force should be cleaned off and removed by floor planer. Iron and wooden wedges must be removed from the surface. Any water leakages, non-uniform surface and corner edges must be repaired with suitable prepare mortar, minimum radius of 4 cm. Tie-rod holes should be plugged with polyurethane mastic or epoxy repair mortar.

Ready to use material can be applied by trowel. Temperature must be within the range of +5 °C and +30 °C during the application. In case of rainy weather, do not apply the material on wet surface.

Cleaning the tools: with cellulosic thinner.

Mixture

BILIZO® BITUPOL 100 2K, is consist of 22 Kg A Component and 8 kg B Component. Pour 8 kg powder component into 22 kg A component and mix homogenously with a medium speed electrical mixer. The mixture must be consumed in the mixture life.

Curing time is an advantage that 2K products have over 1K products. Especially in winter time, while the curing times of 1K products take longer, the cement based powder components of 2K products shorten the curing time.

Storage

Store the product in a cool and dry place with the original package. The storing place temperature must be over +5 °C. Short-term storing; max. 3 pallets should be superpose. Long-term storing; pallets should not be superpose. Under suitable conditions, storage life is 12 months from the production date.

Safety Measures

Application areas should be ventilated. Hands and eyes must be protected with gloves and protective glasses. In case of eye or skin contact with the wet material, rinse with plenty of water. In case of swallowing by mistaken consult a doctor immediately. Keep out of children.