



# Two-Component, Polymer Bitumen Based Waterproofing Material

### **Product Description**

BILIZO® BITUPOL 694 two-component, cement and, polymer bitumen-based crack sealer, solvent free, waterproof material.

(Suitable for DIN 18195 ve TSE EN 15814.)

#### **Uses**

- Foundations and walls,
- Retaining walls, settling tanks,
- Outdoors,
- Bonding of lightweight thermal insulation panels,
- Suitable for use in wet area floors ,balconies and waterproofing under cement-based screeds.

# Consumption

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

#### **Advantages**

- Do not sag on vertical places.
- The elastic structure is capable of bridging shrinkage cracks.
- Can be applied on dry and damp surfaces.
- The operating time is longer.
- Freeze-thaw cycle resistant.
- It is applied with trowel or brush.
- Solvent-free and environment friendly.
- It has resistant to aging, water, various salt solutions, and weak acids.

## **Packaging**

BILIZO® BITUPOL 694; compounds 22 kg liquid component A, and component B is packaged in the form of powder as 8 kg polyethylene bags.

## **Technical Data**

BITUPOL 694 Component A	Bitumen Emulsion
BITUPOL 694 Component B	Special Cements Dry Mix
Colour	Black
Consistency	Brush consistency
Density	1.03 kg/lt
Solids (A Component)	57 % ± 1.0 %
Solids (A+B Component)	66 % ± 1.0 %
The Temperature of The Ground	+5 °C +35 °C
The Temperature of The Service	-20 °C +80 °C
The temperature of Ambient time	+5 °C +35 °C
Duration of use	1 hour
Curing time	20-24 hours
The Contact Time With Water	48-52 hours
Mixing Ratios	Component A 22 kg
	Component B 8 kg



#### Application

Surface should be dry, clean, free of any defects and load-tolerant. Any oil, wax, grease, water repellant, 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 pluged with BILIZO MORTAR THIX 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.

#### **Mixture**

BILIZO® BITUPOL 694, consists of 22 Kg A Component and 8 kg B Component. 8 kg B comp. is poured into 22 kg A comp. and should ve mixed with a electronic mixer with 400-600 rpm for 3-5 min until being homogeneous mixture at medium speed. 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 compenants of 2K products shorten the curing time. Therefore BILIZO® BITUPOL 694 in the winter has to be cured quickly.

Cleaning the tools: with cellulosic thinner.

Warning: For the following use, thinner residue should not remains on the instruments.

#### **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. Follow about the product Material Safety Data Sheet (MSDS) according to arranged EU directives.

Our technical advice for use, whether verbal, written or in tests, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults; correct application of our products therefore falls entirely within your scope of liability and responsibility. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our R+D department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.