

# **BILIZO**® **BITUPOL 694**

## 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/m<sup>2</sup> 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

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

## Application

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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 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

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BILIZO<sup>®</sup> 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 be 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 components of 2K products shorten the curing time. Therefore BILIZO<sup>®</sup> 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 remain on the instruments.

## Storage

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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

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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 mistake consult a doctor immediately. Keep out of children. Follow about the product Material Safety Data Sheet (MSDS) according to arranged EU directives.