

BILIZO® **BITUPOL 665**

One-component, Bitumen- Rubber Based, Anionic, High Elasticity Waterproofing Material

Product Description

BILIZO® BITUPOL 665 is single-component, bitumen - rubber based, anionic, high-elasticity and trowel viscous waterproofing material for basement, foundations and walls.

(Suitable for DIN 18195- TSE EN 15814.)

Uses

- Bundling of foundations and walls,
- Insulation of concrete surfaces which is constantly in contact with water and soil beneath,
- Insulation of flower head,
- Foundations, underground parking structures, retaining walls,
- Horizontal and vertical applications where the water comes - the positive direction.

Consumption

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

Advantages

- It is applied with trowel, brush and spray machine.
- It is long lasting and not affected by weather conditions.
- Solvent-free, do not shine and non-flammable.
- Freeze-thaw cycle resistant.
- Maintains its elasticity even at low temperatures.
- It creates jointless, seamless, waterproof coating against permanent moisture.
- Can be applied to damp and fresh concrete surface.
- It does not flow on vertical surfaces.
- The elastic structure is capable of bridging shrinkage cracks.
- In capillary cracks, it makes crack bridging.

Packaging

BILIZO BITUPOL 665; is packaged in the form of 30 kg plastic buckets.

Technical Data

BITUPOL 665	Rubber & Polymer Modified Bitumen Emulsion
Colour	Brown / Black
Consistency	Trowel consistency
Density	1.07 kg/l ^t
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	2 hours
Curing time	20-24 hours
The Contact Time With Water	48 hour
Solids (A Component)	61.0 % ± 1.0 %
Elongation Break	%100 (+23 °C, %50 r.h , 10 cm/s)

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 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

It is packaged as 30 kg plastic bucket. It should be mixed with an electronic mixer at 400-600 rpm for 3-5 mins at medium speed until being homogeneous. The material is ready for use.

Cleaning the tools: with cellulosic thinner.

Warning: For the following use, thinner residue should not remain 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 mistake consult a doctor immediately. Keep out of children. Follow about the product Material Safety Data Sheet (MSDS) according to arranged EU directives.