

## Bitumen Modified 2K Polyurethane Liquid Insulation Membrane



### Product Description

It is bitumen modified, two – component, Polyurethane – based, solvent – free, liquid insulation membrane.

### Areas of Application

It provides a high adherence on the surface which it is applied in floor coating areas of buildings, roof and terrace, garages, basement levels, tunnels and underpasses, underground warehouses, joint linings of any kind of concrete structures. It has the feature of making bridge of shrinkage and cracks. It is resistant to plant roots in the soil, bacteria, alkali and salt acids. It is used as a moisture and water-proof insulation material.

### Surface Preparation

It is necessary to clean any kind of oil, dirt, rust, dust and loose concrete layers which will reduce the surface adherence. In case of necessity, it must be coated with Polymex recycled primer as a surface stripping layer.

### Application

The product which is mixed must be applied on the surface within 45 minutes with a relevant brush, roller or airless spray. The 1st layer must be applied as a stripping layer in order to prevent air bubbles after the application of product on porous surfaces, then the 2nd layer must be applied after 2 hours. Water insulation material is a two – component, Polyurethane and Bitumen – based, liquid membrane, excellent single piece insulation material with an excellent resistant against flexibility 600% and resistant to acids and chemicals.

### Technical Specifications

Color	Black – grey
Appearance	Mat – bright
Solid substance by weight	100
Density	1,40 gr/ cm <sup>3</sup>
Consumption	may vary depending on the system and application surface
Package	20 kg A component + 4 kg B component: Totally 24 kg
Mixing ration	5/1
Pot life	45 minutes / 25°
Interstory application	12 hours / 25°
Application methods	Brush, roller, trowel or airless spray
Shelf life	2 years
Heat resistance	190°C
Bending strength	20 N/mm <sup>2</sup>
Traction strength	1,9 N/mm <sup>2</sup>
Elongation at break	600%
Shore A stiffness	45
Mechanical resistance	7 days/ 25°
Equipment cleaning	Polymex Polyurethane thinner

### Terms of Application

You must avoid applying it in temperature below +08°C and above +35°C. It must not be applied on wet surfaces.

