

## ISOLION BTA 103 BITUMEN BASED LINING

<b>Product Definition</b>	<ul style="list-style-type: none"><li>› It is ready for use bitumen membrane and water insulation material that is obtained by mixing water and bitumen through special methods, that is single-component, bitumen based and ready for use.</li></ul>
<b>Fields of Use</b>	<ul style="list-style-type: none"><li>› As lining before application of bitumen based roll and liquid membranes from all brands.</li><li>› As lining in all horizontal and vertical surfaces,</li><li>› As lining before insulation of foundation, cellar and basements,</li><li>› Water insulation for leak waters in enclosed wet areas such as bathroom, kitchen, toilet.</li><li>› Used as lining of screed in adhesion of parquet applications with hot bitumen.</li></ul>
<b>Characteristics and Advantages</b>	<ul style="list-style-type: none"><li>› Thanks to high adherence quality, it ensures more robust and void-free for bitumen based products applied on it.</li><li>› After water in its body is vaporized, it established a waterproof layer on layer to be applied.</li><li>› Since it does not contain flammable and toxic substances, it is suitable for use in closed environments.</li><li>› It is environmentally friendly because it is water-based.</li><li>› Provides excellent adhesion even on moist surfaces.</li></ul>
<b>Application Details</b>	<ul style="list-style-type: none"><li>› Surfaces should be clean, smooth and solid as purified from adhesion prohibiting materials and wastes such as dust, oil, dirt, rust, mold lubricant and detergents. If segregation exists in cement, loose and deteriorated parts should be thrown and weak parts must be removed. If any cracks and holes exist on the surface to be applied, they should be repaired with in accordance with suitable ISOLION REPAIR MORTAR.</li></ul>
<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>› ISOLION BTA 103 application should be conducted 3-4 days later.</li></ul>
<b>Application</b>	<ul style="list-style-type: none"><li>› ISOLION BTA 103 should be applied in cold. Material ready for use is applied with bitumen brush or gun after mixing it with water at 20% rate. Application is made in two layers. After applying first layer, second layer application is made in vertical direction of the first application. Depending on the weather conditions, it dries approximately in 4-5 hours. 6-8 hours after lining application finishes, application of ISOLION BT 2K 101 or ISOLION BT 102 starts.</li></ul>

## Warnings and Recommendations

- › After application, it should be protected against negative weather conditions such as direct sunlight, high winds, high temperatures (+35°C), rain and frost.
- › Hands should be cleaned with water and detergent before the product receives complete cure and hardens.
- › Immediately after application, before hardening, equipments should be cleaned with paint thinner. After the product hardens, it should be cleaned by mechanical means.
- › Do not add foreign substances.
- › Should not be applied in the rain.

## Technical Specifications

Content	Bitumen, additives and fillers
Color	Dark brown in liquid form, black after drying
Thinning	Water
Density	1.08 kg/l
Solid Matter Content	50%±1
Application Temperature	Between +5°C and +35°C
First drying	1 hours
Drying Period	6-8 hours

\*\*\* Tests have been performed in a laboratory environment at 23 °C and 50% relative humidity.

**Consumption** › 0.4 kg/m<sup>2</sup> per floor

**Packing** › 16 kg plastic bucket.

**Shelf Life** › 12 months in original, unopened packaging.

**Standard** › Conforms to 1504-2 standard.

