

# SUFFIX BK 100

Polymer Modified Bitumen Rubber Based,  
Single Component Waterproofing Material

## ISOLATIONS

### Description of Product

SUFFIX BK100 is a bitumen-rubber based, single component, high viscosity waterproofing material.

### Areas of Use

It can be applied in foundation and curtain walls, wet spaces, retaining walls, protection and insulation of structures and building elements exposed to leakage water, temporary or permanent water pressure, and bonding of boards for insulation and drainage purposes.

### Advantages

It is easy to prepare and apply, and since it is a water-based product, it is environmentally friendly. It provides a joint-free, seamless, permanent moisture and water-repellent coating. It can be used on vertical and horizontal surfaces and provides good adhesion to the applied surface. It has the feature of bridging shrinkage cracks with its flexible structure. It is applied to dry and slightly damp surfaces. It is applied with brush and steel trowel. It can be used in areas affected by movement and vibration.

### Physical Properties

Quality (23°C, 50% RH)	Value
Structure of the Material	Rubber and Polymer Modified Bitumen Emulsion
Colour	Brown (Black When Dry)
Consistency	Pasty Consistency
Density (gr/cm <sup>3</sup> )	1,10 ±0,05
Solid Content	65 ±1
Temperature of the Ground to be Applied	+ 5°C/+30°C
Service Temperature	-20°C/ + 80°C
Contact Time with Water	48 hours
Curing Time	3 hours

### Application Information - Surface Preparation

The surface to be applied must be solid, dry, clean and free of loose parts. Points and corners on the surface should be rounded with a spiral stone and deep gaps should be closed with repair mortar. Internal corners and wall joints should be chamfered.

The surface to be applied should be primed with solvent-free bitumen primer and the application should be started after the primer has dried completely. Surfaces that will reduce the adherence of the material should be roughened.

## Application

The surface to be applied should be primed with solvent-free bitumen primer and the application should be started after the primer is completely dry.

Primer can be made by diluting our BK100 product with 1/5 of water. The material should be distributed evenly with a suitable brush and applied without allowing material accumulation or ponding on horizontal surfaces. The primer should be allowed to dry and then the actual application should begin. Consumption for the primer should be 0.25 kg/m<sup>2</sup>.

The material should be applied to the prepared surface in at least 2 coats with a brush, trowel or spray. After the first coat is applied, complete drying is required for the second coat application. The second floor should be built perpendicular to the first floor.

The foundation excavation should not be closed until complete drying occurs. Filling should be done after the coating is protected with appropriate thermal insulation and drainage boards.

## Points to Consider

Application should not be made when it is raining or when there is a possibility of rain. It should be protected from frost, sun and strong wind for the first 24 hours after application. The application should be made on the part of the building that comes into contact with water. Since the material will cure slower in cold weather, it should be ensured that the first layer is completely dry before applying the second layer.

Attention should be paid to the application temperature, application should be made within the temperature range of +5°C+30°C.

## Cleaning After Application

The tools used should be cleaned with water before they dry. Dried material can be cleaned with solvent.

## Packing

In a plastic bucket; 30 kg

## Consumption

It is 3-5 kg/m<sup>2</sup>, depending on the surface type and required degree of protection. Approximately 1.5 kg/m<sup>2</sup> should be applied to obtain 1 mm dry film thickness.

## Storing and Shelf Life

It can be stored for 24 months from the production date if stored correctly in its original, unopened and undamaged packaging, in dry conditions between +5°C and +35°C.

## Safety Precautions

During application, work clothes, protective gloves, glasses and masks that comply with occupational and worker health rules should be used. Due to the irritating effects of the uncured product, the components should not be contacted with the skin or eyes. In case of contact, it should be washed with plenty of water and soap. If swallowed, seek medical advice immediately. For detailed information, ask your dealer for the Safety Data Sheet (MSDS). Keep out of reach of children.

None of our instructions and technical specifications written herein are binding in general and EXCLUSIVELY in accordance with the protective rights of third parties and do not exempt you from the obligation to carry out the necessary examination to determine the suitability of our products. Our company is not responsible for any damages that may occur as a result of natural damage or due to use and/or product reliability or information and instructions, for whatever reason and to whatever extent.

