

SUFFIX BK 200

Polymer Modified Bitumen Rubber Based, Two Component Waterproofing Material

ISOLATIONS

Description of Product

SUFFIX BK 200 is a cement and bitumen-rubber based, two-component, high viscosity thick waterproofing coating material. It is applied with a brush and steel trowel and provides a permanent flexible insulation.

Areas of Use

In foundation and curtain walls, in wet areas, in retaining walls, in the protection and insulation of structures and building elements exposed to leakage water, temporary or permanent water pressure, on horizontal and vertical surfaces, in the external insulation of water tanks, in the insulation of basements and warehouses, in the bonding of boards for insulation and drainage purposes. applicable.

Advantages

It is easy to prepare and apply, does not contain solvents and is environmentally friendly. It provides a joint-free, seamless, permanent moisture and water-repellent coating and can be used on vertical and horizontal floors. It provides good adhesion to the applied surface, has the ability to bridge shrinkage cracks with its flexible structure, and is applied to dry and slightly damp surfaces. It can be used in areas affected by movement and vibration.

Physical Properties

Quality (23°C, 50% RH)	A Component	B Component
Appearance	Rubber and polymer modified bitumen emulsion	Dry mix containing special cement and aggregates
Colour	Brown (Black When Dry)	
Consistency	Pasty Consistency	
Density (gr/cm ³)	1,05	
Solids Content	75 ±1	
Temperature of the Ground to be Applied	+ 5°C-+35°C	
Service Temperature	- 20°C - + 80°C	
Pot Life	2 Hours	
Curing Time	3 Hours	

* Color discolouration and differences may occur under the influence of direct sunlight, which does not affect the function and performance of the coating.

Application Information - Surface Preparation

The application surface must be solid, dry, clean and free of loose parts. Points and corners on the surface must be rounded with a spiral stone and deep gaps must 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 is completely dry. Surfaces that will reduce the adherence of the material should be roughened.

Preparation of the Mixture

Part A and part B come in a single plastic package with pre-mixed proportions. Component B (powder mixture) is slowly added into component A (liquid component) and mixed with the help of a 400-600 rpm mixer for 3-5 minutes until a homogeneous and lump-free mixture is obtained. After the mixture is completed, it is allowed to rest for approximately 5 minutes and again at max. After mixing with a mechanical mixer for another 1 minute, the material is ready for use. The mixed material should be consumed within 1-2 hours. It is a two-component product and should be prepared in the specified mixing ratio for the amount to be consumed, taking into account its pot life. In order to obtain a homogeneous mixture, care must be taken that the product temperature is not less than 15°C.

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.

The liquid component of the product can be used as a primer by diluting it 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.

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 to the part of the structure 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+35°C.

Cleaning After Application

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

Packing

As a set in a 30 kg plastic bucket;

Powder Component: 8 kg

Liquid Component: 22 kg

Consumption

To obtain 1 mm dry film thickness, 1.5 kg/m² should be applied.

Storing and Shelf Life

It can be stored for 12 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 unblinded product, the components should not come into contact with the skin or eyes. In case of contact, it should be washed with plenty of water and soap. If swallowed, consult a doctor 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.



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