



TECHNICAL DATA SHEET OF THE PRODUCT:



WB 2K - TWO-COMPONENT WATERPROOFING

I. APPLICATION:

- waterproof insulation of balconies, terraces, bathrooms, and swimming pools to be applied before laying ceramic tiles,
- waterproof insulation of water reservoirs,
- sealing municipal waste and liquid manure tanks,
- sealing landfills,
- to be utilized as a protective waterproofing layer on concrete surfaces that are exposed to chemical substances, such as chloride ions and sulphate salts.

II. PROPERTIES:

WATER BLOCK 2K two-component waterproofing is a flexible solution basing on the water dispersion of plastics and cement. The product in question creates a perfectly adhering and tight coating on components that are exposed to water. It also makes it possible to cover visible cracks and scratches. It is resistant to UV rays, chlorinated water, oils, gasoline, municipal sewage, and other agents. The product inhibits the process of concrete carbonation, as well as does not cause steel corrosion. Due to its low water vapor diffusion resistance, it allows for the evaporation of water from damp structures. The product can be utilized both horizontally and vertically on internal and external surfaces.



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III. SURFACE PREPARATION:

Surfaces to be sealed with WATER BLOCK 2K two-component waterproofing have to be load-bearing and dry. What is more, they have to be cleaned of dust, mould, algae, moss, flaking coatings, oil, cement laitance, rust, efflorescence, drips, bitumen coatings, and other

substances that may significantly reduce adhesion. Any and all defects or irregularities should be smoothened by means of using the WB Flex adhesive mortar glue. The surface the product is to be used on should be initially primed with WB PRIMER, being a deep penetrating primer.

IV. PRODUCT PREPARATION:

WATER BLOCK 2K two-component waterproofing incorporates two separate packages: liquid component B and powder component A. Pour the powder component into the liquid component, slowly stirring it by means of using a low-speed mixer, until a uniform mass devoid of lumps is obtained (it takes approximately 2 minutes). Leave the substance for 5 minutes and then mix again. Do not mix the components by hand. Use the preparation within 1 hour.

VITAL INFORMATION:

1. Divide the resin into 3 or 4 parts by weight (do not mix everything at once).
2. Always add the dry component to the wet one, not the other way round.
3. Adjust the consistency to the needs of the project. The best consistency for application on terraces and balconies is the one resembling a thick cream.
4. Do not apply waterproofing to a heated surface. Avoid insolation of the waterproofing during its bonding stage.
5. If the previously applied layer has been corrugated when joining the applied waterproofing strips, use a sprayer filled with water and apply a small amount of water in the joint area. Afterwards, level the surface by using a trowel.





V. USAGE:

The waterproofing should be applied to the surface with a steel float or brush. Apply the first thin layer by rubbing the product firmly into the surface in order to fill in the identified gaps and deformations. Apply the second layer only after the first one has bound (which should take approximately 4 hours). During a single application, the thickness of the layer should not exceed 2 mm (it is recommended to opt for 1 mm thickness). The total thickness of all applied layers must not be lower than 2 mm and not higher than 4 mm. The surface can be smoothed by means of a steel trowel within a few minutes from the moment of applying the product. In the case of vertical and horizontal corners or expansion joints, additionally use WB Tape Pro sealing tapes. Do not apply the product during precipitation of any kind. Protect freshly applied coatings from rain and frost for about 12 hours. In the case of particularly hot and dry conditions, protect the product against rapid drying by opting for damp mats.

Tiling can be started after 2-3 days from the moment of product application.

VI. TOOLS:

Drill with a mixer, brush, and steel trowel. Tools used should be washed with water immediately after the project conclusion. After hardening, remove mortar residues from the tools in a mechanical manner only.

VII. STORAGE AND TRANSPORTATION:

The WATER BLOCK 2K two-component waterproofing should be transported and stored in tightly closed packages, at a temperature being above zero degrees centigrade. Protect the product against moisture and frost. Store in a dry place on pallets in original packaging.



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VIII. ADDITIONAL INFORMATION:

Storage time: 24 months - powder component, 24 months - liquid component.

Packaging: large packaging: 33 kg (23 kg - dry ingredient A, 8 kg - wet ingredient B;
small packaging: 15 kg (11 kg - dry ingredient A, 4 kg - wet ingredient B).

Efficiency: 1.7 kg/m² per 1 mm of layer thickness. The exact efficiency of the product depends on the absorbency and structure of the surface.

Usage: small 10 kg packaging: 5 m² - 6m²; large 20 kg packaging: 10m² - 12m²

IX. PLEASE NOTE!

To achieve optimal bonding of the insulation with the surface, opt for the WB Primer.

The technical data sheet of the product is based on many years of experience and has been created with best intent in mind. It is not legally binding and shall not be perceived as an offer within the meaning of the applicable law regulation or understood as a guarantee resulting from an order or a sales contract concluded. The data sheet contains specific, limited pieces of information, with data being obvious to experts in the field being purposefully omitted. Notwithstanding the above, the Contractor shall be obliged to act in accordance with applicable regulations, standards, and guidelines, as well as with best practices followed in the field of widely understood construction. When a new version of this technical data sheet is issued, the previous one shall no longer be considered valid.

Updated on: 12/09/2018



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