



**TECHNICAL DATA SHEET OF THE PRODUCT:** 

## **WB DILATATION** - Permanently elastic one

# component joint filler.

#### I. APPLICATION:

- Filling expansion joints in industrial floors.
- Making structural connections in structures.
- Sealing and gluing metal structures or welded joints.
- Filling gaps between most construction-specific materials.
- Sealing ventilation and air-conditioning ducts, as well as gutters and roof tiles.

#### II. **PROPERTIES:**

WB DILATATION is a one-component elastic polyurethane sealant that hardens under the influence of ambient moisture. The product is constantly springy. It is characterized by an excellent adhesion to most materials used in the field of construction and in industrial projects. It is resistant to both water and vibrations. The product absorbs vibrations and is capable of carrying heavy dynamic loads. It does not allow dirt to stick to its surface. After complete hardening, it can be painted.

## III. CHARACTERISTICS / MAJOR ADVANTAGES

- Formability.
- Remarkable mechanical and chemical resistance.
- Ability to seal without creating microbubbles.



Water Block Swiss Group Sp. z o.o. ul. Trakt Lubelski 316, 04-667 Warszawa WB DILATATION

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- Possibility of coating in layers.
- Remarkable adhesion to various surfaces.

## IV. SURFACE PREPARATION

The surface must be clean, dry, sturdy, and homogeneous. It cannot be covered with grease, oil, loose particles, or dust. Loose coatings, cement laitance, old sealing materials and other contaminants that may affect the overall adhesion should be removed. The surface must be characterized by sufficient strength allowing it to withstand the stresses caused by the sealing agent during its movement. The use of a protective tape is recommended when even and accurate seam lines or high aesthetics are vital with regard to the project executed. Remove the tape after the completion of the project, before the elapse of the sticking period. In the case of filling expansion joints, place a supporting cord in the joint at the appropriate depth after the preparation of the surface.

## VI. SEALING AGENT APPLICATION:

Prepare a package of WB DILATATION, place it in the gun and adjust the nozzle. Squeeze the material into the gap while at the same time making sure that the material fully adheres to the surface on its both sides. Fill the joint and avoid the formation of air pockets.

#### VI. FINISHING:

As soon as possible, smoothen the material by going towards the edge of the joint in order to ensure a desired adhesion and smooth surface finish. Do not use substances containing solvents.



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#### VII. PRODUCT INFORMATION:

Chemical base - Polyurethane that is binding under the influence of moisture

Color - Gray

Storage time - store in a factory-sealed, undamaged, tight package, at temperatures ranging from +5 to +35 degrees centigrade. Avoid the exposition of the product to direct sunlight.

Use within 24 months from the date of production.

Packaging - 600 ml roll

THE PRODUCT IS INTENDED FOR PROFESSIONAL USE.

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.

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