



# PU 2637

## TECHNICAL DATASHEET

Version: 2017-11-22

### PRODUCT DESCRIPTION

1-part polyurethane-based sealant for connection joints in buildings. The compound is easy to apply with a handgun or compressed air gun. The special consistency simplifies the squeezing and lasting. After reaction with moisture the compound cures to an elastic and permanent rubber with good movement in the joint. The cured joint can be painted (see "Technical Data"). The adhesion of the paint can be improved if the joint is sanded with fine and clean sand immediately after application of the compound.

### AREA OF USAGE

For interior and exterior joints between concrete, brick, metal and also round windows of wood, metal and PVC.

### WORKING INSTRUCTION

**Pre-treatment:** All surfaces must be dry and clean and free from dust and grease. Remains of oil and grease, especially on metal, glass etc must be removed with e.g. MEK. Residues of mortar and cement removed mechanically. Weathered paint on metal and wood is unsuitable as foundation. If painted surfaces shall be sealed a test sealing is recommended to find out if a primer is needed and if any risk for change in colour is possible, especially to white joints. **Primer:** Bostik 2637 has a very good adhesion without primer to most building materials. However, the adhesion can in certain cases be improved on e.g. absorbent and porous materials by using Bostik Primer 5075. Apply primer on the foundation and let dry for at least 15 min and 4 hours at the most before the sealing compound is applied. **Recommendations:** No primer: Ceramic, porcelain, stoneware, glass, aluminium, stainless steel, plastic laminate, polyester and polyurethane. Bostik Primer 5075: Concrete, cement grout, light concrete, gypsum and untreated wood, expansion joints in fronts between elements of concrete and light concrete and in grout- and brick fronts. **General:** When sealing to painted surfaces a test sealing is recommended due to various composition and quality of the paints. **Pre-treatment of joints:** The joint should be grounded with e.g. Bostik Backing rod and fixed on proper depth of the joint. To avoid damage on the foamed rod, which can cause blistering in the joint, the foam profile should be applied with blunt, plain-edged tools or with a roller. In joints with fixed bottom, where there is no space for a backing rod, plain foam profile or polyethylene tape can be applied to prevent the sealing compound from sticking to the bottom of the joint. Unsuitable backing materials are those containing oil, tar, bitumen, hemp or mineral wool. If necessary, the joint edges can be masked with tape, which is removed immediately after the joint has been smoothed. **Application of the sealing compound:** The best adhesion is obtained when the joint is well filled so that the material gets complete contact with the surfaces. **After-treatment of the joint:** After application of the sealing compound the surface should be smoothed with a joint peg dipped in water. Make sure that no water leaks in between the material and the sealing compound. **Dimensioning of the joint:** It is very important that the joint is correctly dimensioned for the expected movements in the joint as well as for the maximum allowable movement for the sealing compound (for Bostik 2637:  $\pm 25\%$  pressure and traction). When dimensioning movement joints with Bostik 2637 the ratio between width/depth should be as 2:1. The width x depth of the joint should not exceed 30 x 15 mm. The joint depth should in no case be below 8 mm. We refer to  $\square$ Hus AMA 98" for further detailed information regarding dimensioning of the joint and how to do this.

### SAFETY

Consider regulations concerning the use of isocyanates. For further information, please see material safety data sheet.

### CONTACT US

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## TECHNICAL DATA

Properties before application	
Type	Polyurethane
Consistency	Thixotrope flexible compound
Curing system	Cures with the moisture in the air
Specific Gravity	About 1.2 g/cm <sup>3</sup>
Working temperature	+5°C to +35°C.
Solvent	Xylene
Flammable	No
Flash point	+65°C
Storage	At least 24 months in unopened package. Dry and cool.
Packages	300ml aluminium cartridge and 600 ml foil bag
Colours	White, Marble white, Bahama beige, Yellow, Brown, Dark brown, Light grey, Grey, Concrete grey, Anthracite, Black
Properties after application	
Tack-free surface	7-8 hours at 23°C, 50% RH
Curing	1 day = 1.6 mm; 7 days = 8 mm; 14 days = 10 mm at 23°C,
Hardness	About 21°Shore A, 14 days, +25°C, 50% RH
Movement in the joint	± 25% of original width
Modulus of elasticity	0.55 N/mm <sup>2</sup> at 100% elongation and varying moisture and temperature down to -20°C
Temperature resistance	-30°C to +70°C, temporarily +90°C
Ageing resistance	Very good
Resistance to chemicals	Tedious resistant to water. Good at short contact with diluted acids, lye and solvents.
Painting after cure	Possible with synthetic resin- and dispersion paints. When using alkyd based paints and certain varnishes the drying can be disturbed and delayed. Variations in colour of the joint may occur due to chemical influence from the components of the surface fin

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