

## PU 2K 263

### Polyurethane Based, Self Levelling Sealant

#### Description

**BAUMERK PU 2K 263** is a self levelling, two component polyurethane sealant material that suitable for horizontal applications. Due to its elastic structure, it absorbs stresses due to thermal changes in structures. Supplies the requirements of ISO 11600 F 25 LM.

#### Fields of Application

- To fill horizontal, interior and exterior joints in buildings,
- In horizontal concrete joints.
- In industrial floors,
- In indoor and outdoor pedestrian and vehicle traffic areas.

#### Features and Benefits

- Suitable for using in horizontal concrete joints due to the self levelling property.
- Fast curing.
- Supplies permanent elasticity.
- Has high adhesion performance.
- Easy to prepare.
- Has ±25% mobility capacity.
- Over paintable.

#### Technical Data

Content	Polyurethane
Color	Grey
Mixing Ratio	A component: B component – 2:1
Density	1,35±0.02 g/cm <sup>3</sup>
Elongation at Break	>%250 (ASTM D412)
Shore A Hardness	25±5 (ASTM C 661)
Tensile Stress	0,75±1,0 N/mm <sup>2</sup> (ASTM D412)
Drying Rate	Min 3 mm / 24 hours
Application Temperature	Between +5°C to +35°C
Drying Time	60 minutes
HS Code	3214.10.10.00.12

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### Application Procedure

#### **Preparation of Substrate**

All surfaces must be perfectly clean, dry and free from dust and grease. Removable tape can be used on both side of joints to obtain more clean and smooth application.

#### **Application Method**

B component is poured into the A component and mixed together under low speed mixer for 5-10 minutes until getting homogenous mixture. Prepared mixture have to be applied within 15 minutes. Joint filler thickness must be minimum 6 mm and maximum 12 mm. Joint Width/Depth ratio must be 2/1. Backer rod can be used to obtain desired depth in joints.

### Consumption

1,35 kg/lt

### Packaging

A component + B component: 9 kg set

### Shelf Life

9 months in original, unopened package.

### Storage

Store in dry area between +5°C and +25°C. Protect from heat, freezing and direct sunlight.

### Cleanup Information

Clean tools and equipment with cellulosic thinner immediately after use. Dried material can only be removed mechanically.

### Cautions / Limitations

- The depth of the joint must not be less than 6 mm.
- Maximum expansion-reduction movement must not exceed 25% ratio of the width of joint.

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- Do not contact with high rate of chloral.
- Do not applied over the cured mastic applications.
- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +5°C and above +35°C.
- Avoid heavy traffic for 24 hours.

### Health and Safety

**Warning!** Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

**Limited Warranty:** This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.