

# Pavi-joint

## Polyurethane based elastic sealant

One-component, polyurethane-based, elastomeric sealant.



### Properties

- Ready to use
- Expansion joint sealer for industrial floors
- Good adhesion to most building materials
- Paintable with water based paints
- Can be polished
- Crack filling

### Performances

- Application temperature: 5- 35°C
  - Solid content: >= 95%
  - Temperature resistance: from -20°C to + 80°C
  - Shore A hardness: (DIN 53505) 40
  - Elongation: >250% ± at 7 days and 25°C
  - Modulus to breakage: 0.60 MPa
  - Dust-free time at 5°C and 50% U.R.: 90-120 min.
    - “ “ “ 25°C and 50% U.R.: 60-90 min.
    - “ “ “ 35°C and 50% U.R.: 35-60 min.
- Hardness in depth at 5°C and 50% U.R.: 3 mm (24H.)
- Tool cleansing: UNI solvent.

*\*All the information described has been obtained from standard tests and may vary depending on site conditions.*

### Enforcements

- For a good result, Pavi-joint has to be applied inside the joint at the midpoint of expansion and contraction.
- After hardening, it forms an elastic and strong film with excellent chemical resistance to water, oils and hydrocarbons.
- Adhesive to different materials: concrete, ceramics, steel plates, wood, synthetic substrates, glass and copper.
- It can be painted with compatible products (such as **Pavex water - Paviplast epoxy**).
- Priming is not usually necessary. If the test indicates its need for use, use **Pavex-2c primer** or **F-300**.
- Submersible in water, as in channels, precast, both for horizontal and vertical joints.

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## Application mode

- The substrates must be sound, clean and free of dust, grease and other construction debris.
- Carefully clean the inside of the joint or the surface where the sealant is to be applied.
- Remove eventual unbonded parts and dust or any other material or substance.
- Always keep the nozzle at the bottom of the joint to be sealed or filled, maintaining a constant outflow of the sealant ahead of the nozzle and avoiding occluded air.
- The joint dimension should have a minimum depth of 7mm and a maximum of 13mm.
- Apply with a hand applicator or compressed air.

## Important

For repainting with water-based paints, oil, rubber, perform before a test of compatibility and adhesion.

Avoid exposure to high levels of chlorine.

Use the cartridges open the same day.

Pavi-joint does not adhere to joints previously sealed with silicone.



## Packing

310 ml and 600 ml cartridges.

## Color

Gray (others on demand for batches of 600 cartridges)

## Consumption

In 3 m/l in 1 cm x 1 cm joint: 1 cartridge of 310 g.

## Preservation

6 months from the date of manufacture in closed original packaging, protected from weather and humidity.

## ⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.