

# Technical Data Sheet

## PT Bentonite Swelling Tape

**- Bentonite swelling tape for concrete joints -  
(high swelling rate, waterproofed, fast reaction)**

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### Product description

PT Bentonite Swelling Tape consists of bentonite, special rubber, filler material and specialized additives. The tape is extruded as a rectangle profile. In contact with water the reaction of the tape is activated and the tape starts swelling. Due to the swelling pressure in the construction joint it leads to a penetration into cracks, joints, cracks, cavities and seal the area. The swelling starts in contact with alkaline water.

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### Application areas

PT Bentonite Swelling Tape is used for the sealing of construction joints (eg. wall/wall, floor/floor, floor/wall, floor/ceiling). The tape can be used for pipe penetrations and recesses as well. The PT Bentonite Swelling Tape has to be placed in the middle of the construction joint. If this is not possible, the minimum coverage with concrete has to be 7 cm. The tape will be fixed to the surface with PT Tape Adhesive or PT Holding Grid. Also suited for areas with wet and dry cycles.

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### Product advantages

- **High swelling rate**
- **Bentonite based**
- **Waterproofed against pressurized water**
- **Easy application**
- **Reliable and durable**
- **Not dimensionally stable, therefore it has a high level of efficiency**
- **Suitable in wet and dry cycles areas**

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### Specification

Form	: rectangle profile
Color	: Black / dark grey
Dimension	: 20 x 25 mm other dimensions on demand.
Swelling property	: > 300%
Fire class DIN EN 4102	: B2
Processing temperature	: 0°C up to +65°C

All technical datas are measured in our laboraty.

Please take notice about the safety information and advice given on the safety data sheets and packaging labels.

**Delivery form**

5 m roll (carton = 30 m)  
Other dimensions on demand.

Article-No. 03100005

**Storage**

48 months (cool, dry conditions and protected from sunlight in original packaging, +5 °C up to + 25°C).

**Application****Surface preparation**

The construction joint must be cleaned thoroughly, even by brush of with air pressure. Remove all separating material (dust, stones, cement, paste etcl.) out of the joint.

**Material**

PT Bentonite Swelling Tape is used for the sealing of construction joints (eg. wall/wall, floor/floor, floor/wall, floor/ceiling) and has to be placed in the middle of the construction joint. If this is not possible, the minimum coverage with concrete has to be 7 cm. The tape will be fixed to the surface with PT Tape Adhesive or PT Holding Grid. Also suited for areas with wet and dry cycles.

**Recommended tools**

Gloves, Safety glasses, Brush, Drilling machine, Dowels

**Application areas:****Remarks**

The information given in this technical data sheet corresponds to the current state of development and is based on our experience, our knowledge and is non-binding. An investigation has to be done with focus on the respective building project and the area of application. The technical expert advice of proof-tec employees does not exclude the planning or control by an engineer. We are liable within the scope of our general delivery and sales conditions, we are not liable for the application of our materials. The generally accepted rules of technology must be observed. If necessary, preliminary tests have to be carried out.

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All previous versions of this technical data sheet are not valid anymore and should not be used anymore.