

TECHNICAL DATA SHEET

A hydrophilic waterstop based on high quality sodium bentonite and butyl rubber.

Preventive sealing of construction joints.



I. Applications

TEKINJECT BENTOSWELL is hydrophilic waterstop that can be applied both vertically and horizontally, but under no circumstances should it be used in expansion joints. Apply on a smooth and dust-free concrete surface. To ensure a continuous section of the sealing bar, an overlap of 5 to 10 cm is applied and firmly press the ends together. Do not install during rainfall. TEKINJECT BENTOSWELL is suitable for sealing of

- Preventive sealing of construction joints.

II. Properties

- 400% free volume expansion in rain water.
- 150 % free volume expansion in concrete water.
- Resistant to permanent water pressure of 6 bar (60m water column).
- Swelling pressure when encapsulated: Approx. 1,8 N/mm².
- Very good swelling capacities in highly alkaline environments.
- Good chemical resistance to acids, alkalis and most aqueous solutions but caution is advised with aromatic oils and fuels, vegetable oils and strong aromatic solvents.
- Excellent UV and ozone resistance. Avoid long term exposure to direct sunlight.

Shelf life

24 months after production date in the original, unopened and undamaged packaging, according to the storage instructions of each component (see technical data of this sheet). If the following recommendations are not followed, the shelf life of the material cannot be guaranteed. Certainly needs to be stored in a dry place.

Company Details

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