

High quality hydrophilic bentonite-butyl swell joint for the sealing of concrete construction joints or to be used as a system component in a bentonite clay liner or clay panel waterproofing system. Free swelling: 400%. Use a metal net for vertical applications.

HOW DOES BENTOSTOP + WORK?

Concrete construction joints can show fine cracks or cavities during the natural curing process. This could cause water to infiltrate into the concrete. In contact with water, BENTOSTOP + will swell up 400% of its initial volume and make the construction waterproof. Also cavities and fine cracks are efficiently sealed. BENTOSTOP + retains its shape after 3 dry/wet cycles (MFPA certificate) and has good resistance to a wide range of chemicals (chemical resistance list).

APPLICATION PRESCRIPTIONS

BENTOSTOP + functions efficaciously when the application instructions are observed. Caution! Make sure the concrete is dry, smooth and free of dust or any other contaminants. Install BENTOSTOP + in the middle of the construction joint observing a free space of about 8 cm at both sides of the inner and outer rebars to absorb pressure during swelling. It is recommended not to install the system during heavy rainfall to avoid premature swelling before pouring the vertical concrete walls.

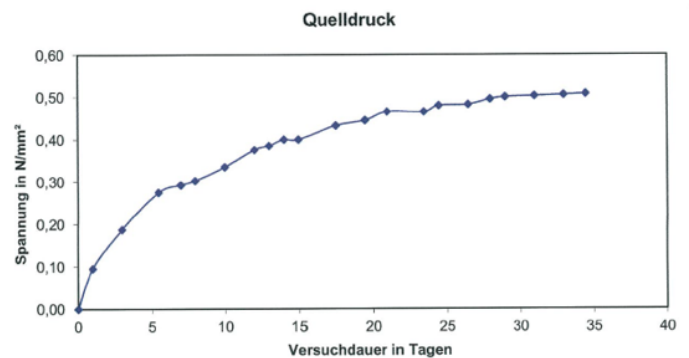
Guidelines for installation

- Use a brush to remove dust and other contaminating or loose parts.
- On vertical areas, use with metal net (BENTONET).
- To ensure and maintain correct position during pouring of the concrete, BENTOSTOP + can be nailed (each 30 cm).
- Make sure the two ends of a roll meet nicely or use an overlap of about 10 cm.

TECHNICAL DATA

Density	1.43 kg/dm ³
Swelling in rain water	400%
Swelling in concrete water	150%
Potable water	Compatible with potable water applications
Installation	Between temperatures of -15°C to 50°C
Hydrostatic pressure	6 bar
Colour	Black
Dimensions	20 x 25 mm 20 x 10 mm Other dimensions are available on request
Maximum sealing pressure	0.51 MPa (N/mm ²)

GRAPHIC



CONSUMPTION

Calculate the quantity necessary in function of the lengths of the construction joints. Take into account an overlap of 10 cm at the ends of each roll.

PACKAGING

- **Box**
 - BENTOSTOP + 20 x 25 mm: 6 x 5 meter (black)
 - BENTOSTOP + 20 x 10 mm: 5 x 10 meter (black)
- **Pallets**
 - BENTOSTOP + 20 x 25 mm: 1440 meter (48 boxes)
 - BENTOSTOP + 20 x 10 mm: 3000 meter (60 boxes)
- **BENTONET**
 - 40 x 1m

BENTOSTOP + can be supplied under private label.

STORAGE

Store in a cool and dry place, on pallets in the original packing. Conservation time is minimum 1 year.

SAFETY AND HEALTH PRECAUTIONS

For more information, consult the safety data sheet.