

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: 350% - 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 350% to 400% of its initial volume and make the construction waterproof. Also cavities and fine cracks are efficiently sealed.

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 the 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	1,4 kg/dm ³ - 1,5 kg/dm ³
Swelling	350% - 400% of the initial volume, measured in demineralised water after 4 weeks
Potable water	Compatible with potable water applications
Installation	Between temperatures of -15°C to 50°C
Hydrostatic pressure	2 bar (Bauregelliste A Tell 2, ifd. Nr. 1.4)
Colour	Black or green
Dimensions	20 x 25 mm; 20 x 15 mm; 20 x 10 mm

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 rolls.

PACKAGING

- **Box**
 - BENTOSTOP 20x25: 3 x 10 meter (green)
 - BENTOSTOP 20x25: 8 x 5 meter (black)
 - BENTOSTOP 20x10: 16 x 5 meter (black)
- **Pallets**
 - BENTOSTOP 20x25: 840 meter (3 x 10)
 - BENTOSTOP 20x25: 960 meter (8 x 5)
 - BENTOSTOP 20x10: 1920 meter (16 x 5)

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.