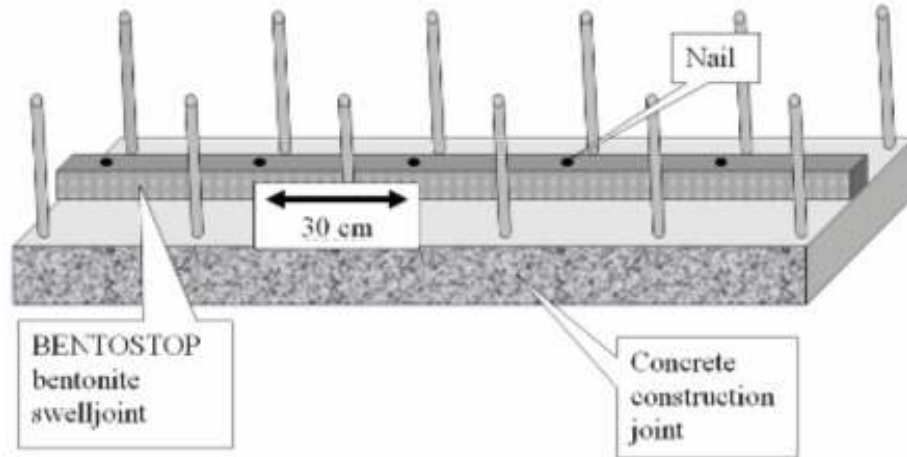


Hydrophilic bentonite-butyl swelljoint for the sealing of concrete construction joints or to be used as a system component in a bentonite clayliner or claypanel waterproofing system. Free swelling: 350% - 400%. Use a metal net for vertical applications.



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.

Operational data

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)



Caution! Make sure the two ends of a roll meet nicely or use an overlap of about 10 cm.

Technical data

- Density: 1,4 kg/dm³ - 1,5 kg/dm³
- Swelling: 350% - 400 % of the initial volume, measured in demineralised water after 4 weeks
- Compatible with potable water applications
- Installation: between temperatures of -15 °C to 50°
- Hydrostatic pressure: 2 bar (Bauregelliste A Tell 2, ifd. Nr. 1.4)
- Colour: black

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

- Colour: black or green.
- Dimensions: 20 x 25 mm; 20 x 15 mm; 20 x 10 mm
- Box:
 - BENTOSTOP 20x25: 3 x 10 meter
 - BENTOSTOP 20x10: 10 x 5 meter
- Pallets:
 - BENTOSTOP 20x25: 720 meter (3 x 10)
 - BENTOSTOP 20x25: 1080 meter (6 x 5)
 - BENTOSTOP 20x10: 1800 meter (10 x 5)

BENTOSTOP can be supplied under private label.

Conservation

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

All information is given in good faith and without any warranty. The application, use and processing of these products are beyond our control and therefore entirely your responsibility. Established liability if any, through bad application or any other reason, for any damages, is always limited to the value of the goods supplied by ADCOS nv. The products and systems are manufactured under total quality management. (12 July 2013)

