

PC[®] BENTOSTRIP S T***Hydrophilic bentonite strip for FRESH –AND SEAWATER*****1. Description**

PC[®] Bentostrip S T is a hydrophilic swell joint composed of natural sodium bentonite clay and butyl rubber. PC[®] Bentostrip S T is a swell joint with an expansion-retarding coating. This swell strip is unique in his kind because he can be **used** in both **seawater** and **freshwater**.

**2. Applications**

PC[®] Bentostrip S T is used for the waterproof sealing of construction joints in concrete, around pipe penetrations,...

3. Properties

- Very high expansion capacity
(after submersion in freshwater > 400%)
(after submersion in seawater > 200%)
- Can be used in sea-, brackish and freshwater
- No premature swelling
- Easy to install
- Environment friendly
- Durable: average life bentonite > average life construction
- not susceptible to high salt water pressure
- The initial concrete shrinkage can be easily captured by the PC[®] Bentostrip S T

4. Instructions for use

PC[®] Bentostrip S T is applied to the middle of the construction joint. It is advisable to allow at least 8 cm of concrete on both sides of the expanding joint to prevent cracks in the concrete.

PC[®] Bentostrip S T should be applied to a dry, smooth surface. It should be secured with glue and/or steel nails every 30 to 40 cm. Where appropriate, the construction joint can also be levelled off using expandable mastic or bentonite paste.

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If necessary, use the metal fastening profile PC[®] Bentonet to reinforce the strip if it is being installed in a vertical configuration, or to provide protection during concreting.

Connect together by bringing the extremities of the expanding joints together flush or with a 10 cm overlap and gluing and/or nailing.

5. Precautionary measures

PC[®] Bentostrip S T is more resistant if it comes into contact with water because of its expansion-retarding coating, but avoid sustained contact with water before concreting.

6. Dimensions

Red rectangular strip of 19 mm x 25 mm.

PC[®] Bentostrip S T is fabricated in roll lengths of 10 m.

7. Packaging

Standard packaging: 10 m x 4 rolls (40m/box)

8. Product life

If kept dry and frost-free in original packaging, unlimited.