

PC[®] BENTOSTRIP



1. Composition

PC[®] Bentostrip is a hydrophilic joint sealant composed of natural sodium bentonite clay and butyl rubber.



2. Application

The PC[®] Bentostrip joint sealants are used for the waterproof sealing of construction joints in concrete. According to the type the sealant can be used in both **fresh water** and/or **salt water** applications, making the PC[®] Bentostrip joint sealants very versatile.

3. Types and characteristics

Joint sealants for fresh water only

	Colour	Section	Packaging
Joint sealants			
BENTOSTRIP 19 X 25 *	green	19 mm x 25 mm	10 m x 4 rolls (40 m/box)
BENTOSTRIP 20 X 10	black	20 mm x 10 mm	15 m x 5 rolls (75 m/box)
BENTOSTRIP 20 X 5	black	20 mm x 5 mm	15 m x 5 rolls (75 m/box)
Fastening profile (metallic)			
BENTONET 19 X 25		19 mm x 25 mm	20 m/pack

Joint sealants for fresh and salt water (SQ types)

	Colour	Section	Packaging
Joint sealant			
BENTOSTRIP SQ 19 X 25	red	19 mm x 25 mm	10 m x 4 rolls (40 m/box)
Fastening profile (metallic)			
BENTONET 19 X 25		19 mm x 25 mm	20 m/pack

The expansion capacity of the PC[®] Bentostrip joint sealants reaches a **maximum of 450 %**. However, sustained contact with water before concreting is to be avoided.

The PC[®] Bentostrip SQ joint sealants are developed for use in both fresh water and sea water as well as in brackish water. The expansion capacity **in fresh water** equals that of the PC[®] Bentostrip types:

maximum 450%. In seawater a minimum capacity of **200%** is reached.

PC[®] Bentostrip is harmless for the environment and may be used when in contact with drinking water.

4. Instructions for use

The joint sealant 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 sealant to prevent cracks in the concrete.



The joint sealant should be applied to a dry, smooth surface. It should be secured with glue and/or steel nails. Where appropriate, the construction joint can also be levelled off using expandable mastic or bentonite paste.

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. Product life

If kept dry and frost-free in original packaging, at least 12 months.

* SECO: Technical control bureau for construction in Belgium, similar to BBA