



Bentostrip - Waterproof joint sealant

COMPOSITION

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

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.

CHARACTERISTICS

The PC® Bentostrip T joint sealants are coated with a special coating to prevent premature swelling after installing and before concreting. The advantage of this coating is that the sealants keep their full swell capacity in the joint. The expansion capacity reaches a **maximum of 450%**. However, sustained contact with water before concreting is to be avoided.

The PC® Bentostrip S 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 T types: **maximum 450%**. **In seawater** a minimum capacity of **200%** is reached.

The PC® Bentostrip SQ is a special version without coating and with a higher reactivity so that it reaches much faster its maximum swelling capacity. This type is especially suited for dryer regions (Middle East, Africa etc). PC® Bentostrip is harmless for the environment and may be used when in contact with drinking water.

TYPES

JOINT SEALANTS FOR FRESH WATER ONLY			
	Colour	Section	Packaging
Joint Sealants T (with special coating)			
BENTOSTRIP T 19 x 25*	Green	19mm x 25mm	10m x 4 rolls (40m/box)
BENTOSTRIP T 20 x 10	Black	20mm x 10mm	15m x 5 rolls (75m/box)
Joint Sealant (without coating)			
BENTOSTRIP 20 x 5	Black	20mm x 5mm	15m x 5 rolls (75m/box)
Fastening Profile (metallic)			
BENTONET 19 x 25		19mm x 25mm	20m/pack

JOINT SEALANTS FOR FRESH AND SALTWATER (S TYPES)			
	Colour	Section	Packaging
Joint Sealant T (with special coating)			
BENTOSTRIP ST 19 x 25	Red	19mm x 25mm	10m x 4 rolls (40m/box)
Joint Sealant (without coating)			
BENTOSTRIP SQ 19 x 25	Red	19mm x 25mm	10m x 4 rolls (40m/box)
Fastening Profile (metallic)			
BENTONET 19 x 25		19mm x 25mm	20m/pack

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

QUALITY ASSURANCE

Products are manufactured under quality assured schemes.

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INSTRUCTIONS FOR USE

The joint sealant is applied to the middle of the construction joint. It is advisable to allow at least 8cm 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 be levelled off using expandable mastic or bentonite paste.

If necessary, use the meal 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 10cm overlap and gluing and/or nailing.

PRODUCT LIFE

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

