Special Construction Products

WEBAC® Polymer Swelling Tape

▶ WEBAC® Polymer Swelling Tapes are permanently dimensionally stable and designed for sealing of construction joints as well as joints in precast concrete units.
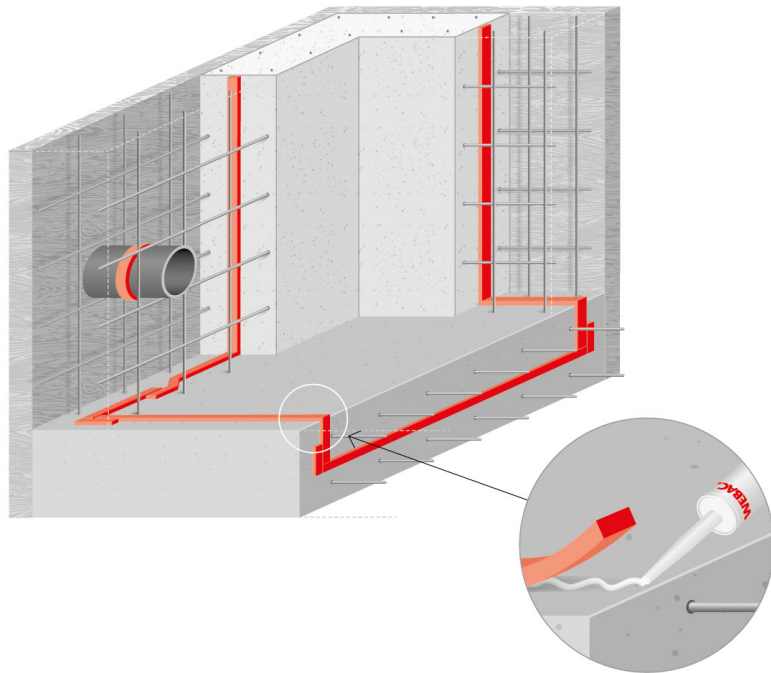
Range of application

- Sealing of construction joints against soil moisture, non-pressing and pressing water in concrete and reinforced concrete construction
- Sealing of joints in precast concrete unit construction, tubbing construction
- Repair of expansion joints
- Sealing of pipe ducts

Properties

- Reversible swelling behavior
- Permanent dimensional stability
- Excellent chemical resistance
- Flexible

Example

Technical Information

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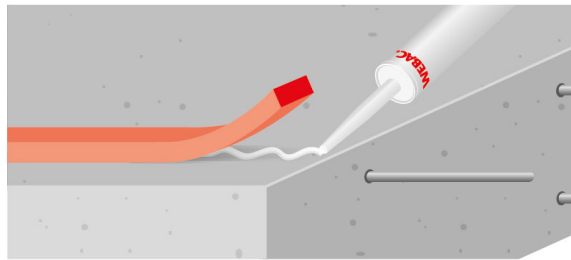| Technical data	Values	
	Rectangular profile	**Rectangular profile** SW*
Profile shape	20 x 5 mm 20 x 10 mm 20 x 20 mm 30 x 30 mm	
Water pressure	Tested with 5 bar	
Concrete cover	Minimum 8 cm	

* salt water

Technical Information

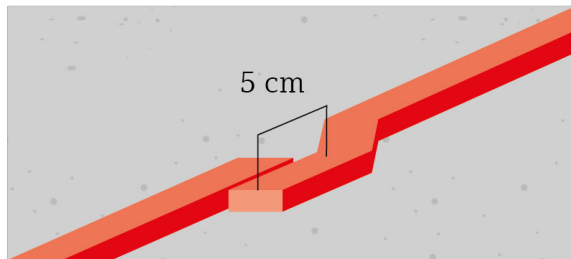Special Construction Products

WEBAC® Polymer Swelling Tape

◎ Installation

- Install **WEBAC® Polymer Swelling Tape** on-center or with at least 8 cm concrete cover towards the waterside in the construction joint

- In case of construction joints > 60 cm width: install at a distance of approx. 25 cm from the waterside

- Installation with **WEBAC® Contact Adhesive** (Ill. 1) or mechanical fastening (steel nails without head)

- Install swelling tape close-lyed to the substrate (nailing or gluing)

- Prevent moving or floating during concreting

- When connecting swelling tapes, their ends must overlap by approx. 5 cm and be close to each other, gaps must be avoided (see Ill. 2)

- In case of corner connections: install swelling tapes butt-jointed and overlap swelling tape section approx. 10 cm as corner guard (Ill. 3)
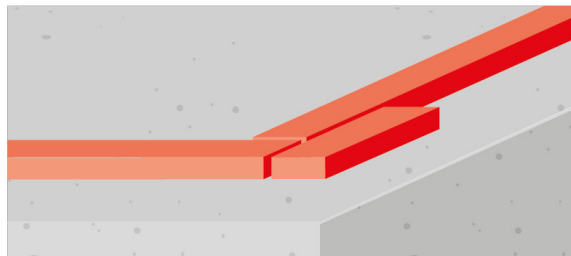
Substrates must be solid, clean, dry and free of brittle and separative substances (oils, grease, etc.), cement paste layers and rust structures. The surface should be even.

Ill. 1: Gluing with **WEBAC® Contact Adhesive**

5 cm

Ill. 2: Connection

Ill. 3: Horizontal corner connection

▸ Technical Information

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Product data

Installation	• Installation with **WEBAC® Contact Adhesive** • Mechanical fastening		
Packing	**Rectangular profile**	**Dimensions**	**Unit**
		20 x 5 mm	5 x 10 m
		20 x 10 mm	9 x 10 m
	Rectangular profile SW*	20 x 20 mm	3 x 5 m
		30 x 30 mm	3 x 5 m
Storage	Prevented from mechanical stress and moisture		
Compatibility/Resistance	Resistent to acids, alkalis and most aqueos solutions		

* salt water

T Test certificates

• National Test Certificate
• Test Report: Behaviour of swelling tapes when immersed in saline water of various concentration

Occupational safety

The safety regulations of the industrial trade associations and the WEBAC Safety Data Sheets are to be observed at all times when working with this product. Safety data sheets according to Regulation (EC) No. 1907/2006 (REACH) must be accessible to all persons responsible for occupational safety, health protection and the handling of materials. For further information, please see the separate information sheet "Occupational Safety" in our product catalog or www.webac-grouts.com.

Waste disposal

In Germany, empty containers can be disposed of via "Interseroh Dienstleistungs GmbH" observing the respective terms and conditions. It is not possible to dispose of containers at production facilities or delivery warehouses. For more detailed information, please see the separate information sheet "Information on the disposal and return of WEBAC packaging" in our product catalog or www.webac-grouts.com and the safety data sheets.

Technical Information