

Special Construction Products

## WEBAC® Bentonite Swelling Tape



- WEBAC® Bentonite Swelling Tapes are designed for sealing reinforced construction joints in in-situ concrete.

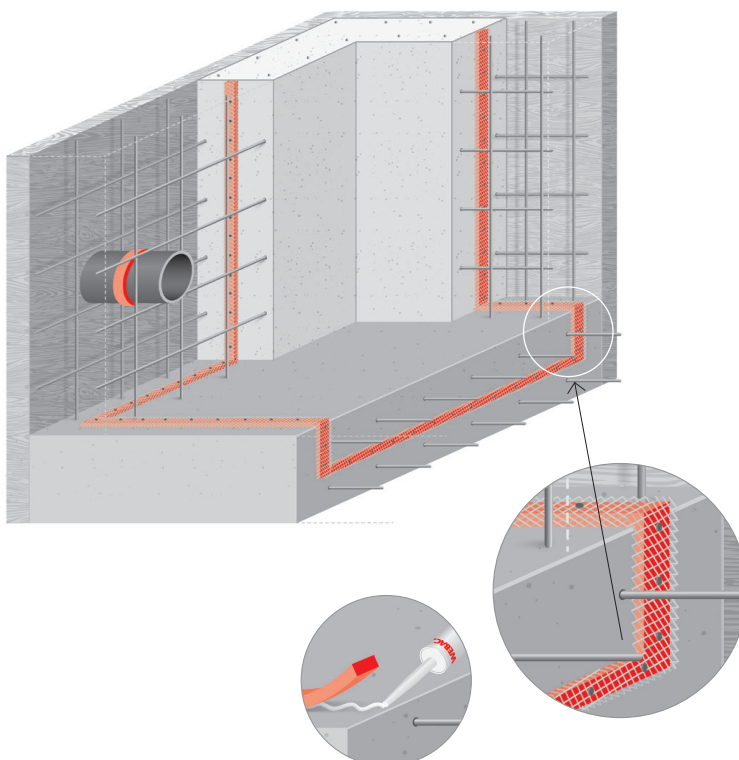
### Range of application

- Sealing of construction joints against soil moisture, non-pressing and pressing water in concrete and reinforced concrete construction
- Sealing of pipe ducts

### Properties

- Reversible swelling behavior
- Self-injecting properties
- No separation and thus no washing out from joints

### Example



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## ► Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products.  
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Technical data	Values
Profile shape	Rectangular profile* 20 x 25 mm
Water pressure	Tested with 5 bar
Concrete cover	Minimum 8 cm

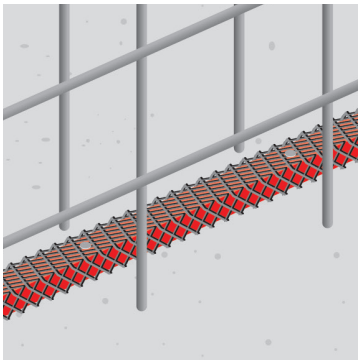
\* Salt water version on demand

## WEBAC® Fastening Grid

- ▶ WEBAC® Fastening Grid is a mesh metal made of galvanized steel for fastening WEBAC® Bentonite Swelling Tape, U-shape.

### Installation

- The installed swelling tape must lie firmly to the entire joint
- Secure swelling tape against shifting or floating
- Recommended fastening space: 25 cm



Technical data	Values
Shape	U-shape
Length	1 m

Product data	
Installation	• Nailing, doweling or tacking
Packing	Unit 30 x 1 m
Storage	• Protect from mechanical damage

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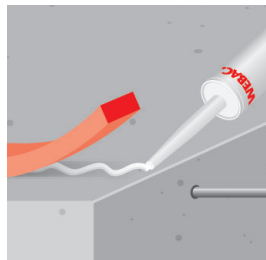
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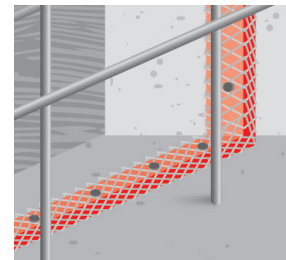
### 🌀 Installation

- Install **WEBAC® Bentonite 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 **WEBAC® Fastening Grid** (Ill. 2)
- Install close-lyed to the substrate
- Prevent moving or floating during concreting
- The distance between the fastening points should not exceed 25 cm
- When connecting swelling tapes, their ends must overlap by approx. 5 cm and be close to each other, gaps must be avoided (see Ill. 3)
- In case of corner connections between a horizontal and a vertical joint (see Ill. 2) or in case of change of directions at one level the swelling tapes must be installed following the substrate (see Ill. 4)

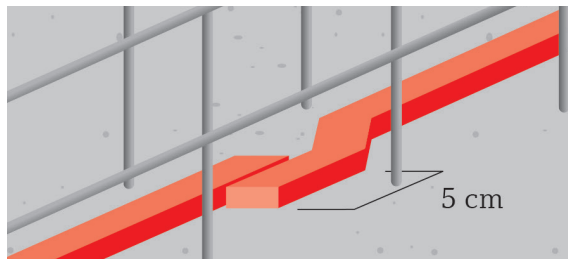
Substrates must be solid, clean, dry and free of brittle and separative substances (oils, grease, etc.) and cement paste layers and rust structures. The surface should be even.



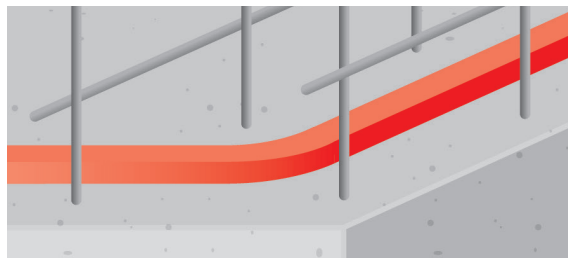
Ill. 1: Gluing with  
**WEBAC® Contact Adhesive**



Ill. 2: Fastening with  
**WEBAC® Fastening Grid**



Ill. 3: Connection



Ill. 4: Horizontal corner connection

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Product data			
Installation	<ul style="list-style-type: none"> <li>• Gluing with <b>WEBAC® Contact Adhesive</b></li> <li>• Fastening with <b>WEBAC® Fastening Grid</b></li> </ul>		
Packing	<b>Rectangular profile*</b>	<b>Dimensions</b> 20 x 25 mm	<b>Unit</b> 6 x 5 m
Storage	<ul style="list-style-type: none"> <li>• Prevented from mechanical stress and moisture</li> </ul>		
Compatibility/Resistance	<ul style="list-style-type: none"> <li>• Resistent to acids, alkalis and most aqueos solutions</li> </ul>		

\* Salt water version on demand

## 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](http://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](http://www.webac-grouts.com) and the safety data sheets.

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