

Special Construction Products

WEBAC® Bentonite Swelling Tape



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

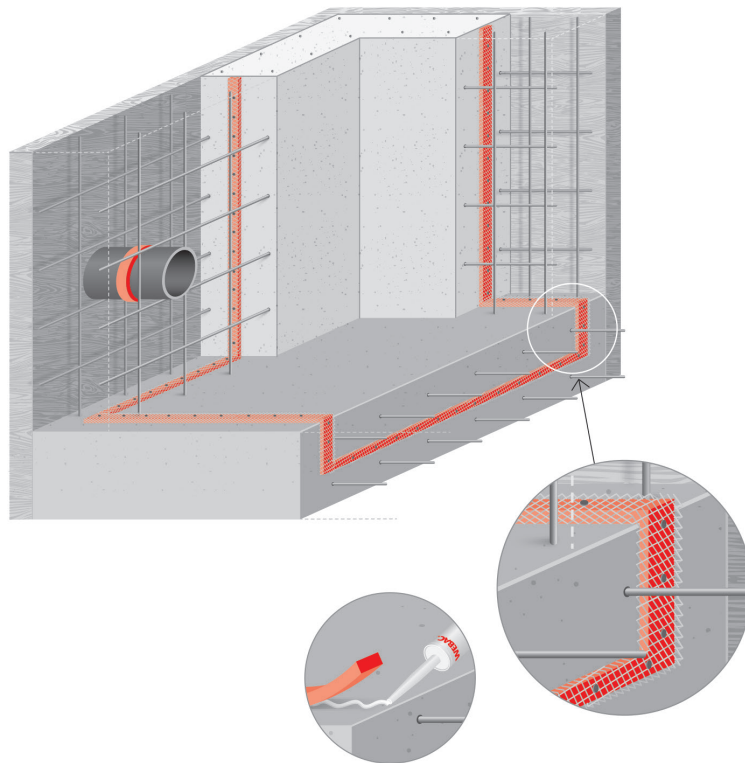
Properties

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

Test certificates

- National Test Certificate
- Test report: Behaviour of swelling tapes when immersed in saline water of various concentrations

Example



WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de

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.
© WEBAC-Chemie GmbH. Version 03/2024

Special Construction Products

WEBAC® Bentonite Swelling Tape

Technical data	Values	
	Rectangular profile	Rectangular profile SW*
Profile shape	20 x 25 mm	on demand
Water pressure	Tested with 5 bar	
Concrete cover	Minimum 8 cm	

* Salt water

WEBAC-Chemie GmbH
 Fahrenberg 22
 22885 Barsbüttel
 Germany
 Tel. +49 40 67057-0
 Fax +49 40 6703227
 info@webac.de

www.webac.de

► 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.
 © WEBAC-Chemie GmbH. Version 03/2024

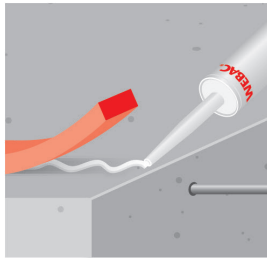
Special Construction Products

WEBAC® Bentonite Swelling Tape

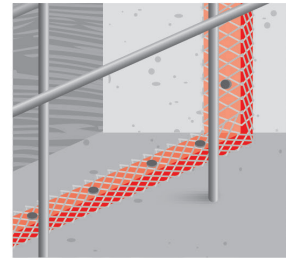
Installation

- 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 ≈ 25 cm from the waterside
- Fastening with **WEBAC® Contact Adhesive** (III. 1) or **WEBAC® Fastening Grid** (III. 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 ≈ 5 cm and be close to each other, gaps must be avoided (III. 3)
- In case of corner connections between a horizontal and a vertical joint (III. 2) or in case of change of directions at one level the swelling tapes must be installed following the substrate (III. 4)

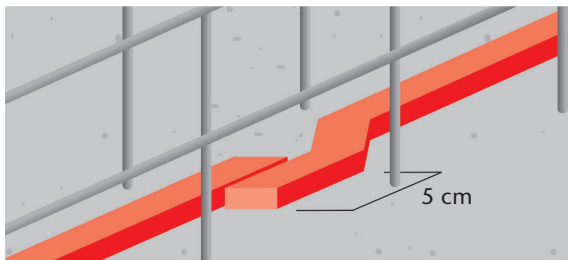
Substrates must be solid, clean, dry and firm, free of brittle and separative substances (oils, grease, etc.) and cement paste layers and rust structures. The surface must be even.



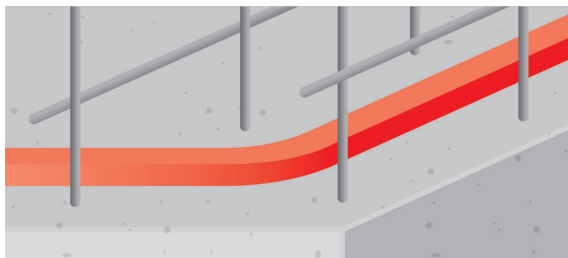
III. 1: Fastening with WEBAC Contact Adhesive



III. 2: Fastening with WEBAC Fastening Grid



III. 3: Connection



III. 4: Horizontal corner connection

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de

► Technical Information

Special Construction Products

WEBAC® Bentonite Swelling Tape

Product data

Delivery form	Rectangular profile Rectangular profile SW*	Sizes 20 x 25 mm on demand	Unit 6 x 5 m
Storage	<ul style="list-style-type: none"> • Prevent from mechanical damage and moisture 		
Resistance	<ul style="list-style-type: none"> • Resistent to acids, alkalis and most aqueous solutions 		

*Salt water

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.com.

Waste disposal

It is not possible to dispose of containers at production facilities or delivery warehouses. For more detailed information, please see the separate information sheet "Disposal Notes" in our product catalog or www.webac.com and the safety data sheets.

WEBAC-Chemie GmbH
 Fahrenberg 22
 22885 Barsbüttel
 Germany
 Tel. +49 40 67057-0
 Fax +49 40 6703227
info@webac.de

www.webac.de

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.
 © WEBAC-Chemie GmbH. Version 03/2024