

WEBAC® Sealing Tape TPE



- ▶ WEBAC® Sealing Tape TPE is an external joint tape for sealing construction joints and predetermined breaking points in concrete.

Range of application

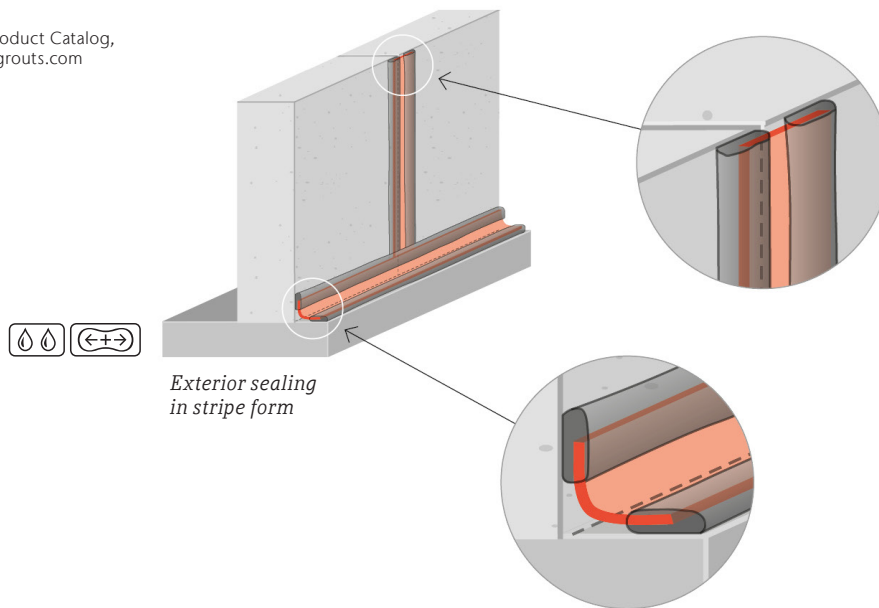
- Sealing of construction joints and predetermined breaking points in cast-in-situ concrete resistant to hydrostatic pressure
- Sealing of precast concrete units and precast walls

Properties

- Exterior sealing system in stripe form
- Permanently elastic and aging resistant

Example

Meaning of the icons ▶ WEBAC Product Catalog, www.webac.de or www.webac-grouts.com



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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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Special Construction Products

WEBAC® Sealing Tape TPE

Technical data	Values	
Total width	≈ 200 mm +/-3 mm	
Coating width	external	≈ 140 mm +/-3 mm
	internal	≈ 100 mm +/-3 mm
Total thickness	≈ 1.4 mm +/-0.3 mm	
Total weight	≈ 160 g per meter	
Maximum tensile force	longitudinal	> 60 N/15 mm
	transversal	> 40 N/15 mm
Breaking elongation	longitudinal	> 20%
	transversal	> 100%
Coating	permanently elastic, aging resistant, thermoplastic elastomer	
Substrate	polyester fabric, longitudinally stable, transversally elastic	
Bursting pressure	> 2.5 bar	
Chemical resistance acc. to ZDB bulletin	fulfilled	
Watertightness acc. to ZDB bulletin	fulfilled	
UV resistance	fulfilled	
Temperature resistance	≈ -30 °C / -22 °F up to +90 °C / 194 °F	

The specified data are values determined under laboratory conditions and are subject to a certain fluctuation. Deviations are possible in practice depending on the respective object situation.

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🕒 Installation

- Pretreat substrate
- Apply the proper mixed epoxy adhesive at a 2–3 mm thick layer with a flat trowel or serrated trowel
- Do not apply adhesive to the expansion zone!
- The adhesive layer must be at least 1 cm wider than the total width of the sealing tape on both sides, that the tape including the lateral fabric strip is completely embedded
- Embed **WEBAC® Sealing Tape TPE** in the fresh layer, air inclusions must be avoided
- Apply a second layer on top of the epoxy adhesive to the marginal zone of the inserted sealing tape (the adhesive can be applied wet-in-wet)
- The sealing tape ends must be installed overlapping by approx. 4–5 cm and be thermally welded with a hot-air blow dryer

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.

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Product data	
Installation	Gluing with epoxy putties (e.g. WEBAC® 4525)
Packing	Unit 20 m
Storage	Protect from mechanical damage and moisture

Test certificates

- National Test Certificate **WEBAC® Sealing Tape TPE** in combination with **WEBAC® 4525**
- Test certificate* according to KTW recommendations: D1 (large sealing of surfaces)

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.

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* for drinking water