

Special Construction Products



WEBAC® Injection Tubes

Range of application

- Sealing of construction joints in concrete construction (National Test Certificate)
- Structural, elastic or bonding installation of concrete building structures
- Additional sealing of joint tapes or joint plates

Properties

- Easy and quick installation at all levels and angles
- Minimum injection resin consumption due to optimal tube sizes

Test certificates

WEBAC® Injection Tube AB

- National Test Certificate in combination with **WEBAC® 1403P/1405**

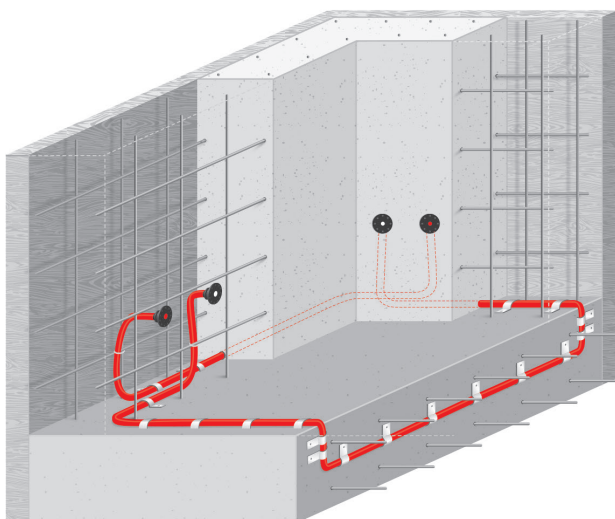
WEBAC® Injection Tube Type 2

- National Test Certificate in combination with **WEBAC® 1405**

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Example



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® Injection Tubes

WEBAC® Injection Tube AB



Single-walled, conically slotted PVC-based tube

Ø internal: 6 mm, Ø external: 12 mm

National Test Certificate in combination with WEBAC® 1403P and WEBAC® 1405

WEBAC® Injection Tube Type 2



Perforated tube with double fabric membrane

Ø internal: 6 mm, Ø external: 12 mm

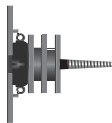
National Test Certificate in combination with WEBAC® 1405

Accessories

Injection- and ventilation adapter with sealing cap



Shuttering packer K



Tube connector



Cone screw plug



Clamps with hole



Plug-in clamp



Thumb rule for material consumption

Tube and other accessories
(referring to 10 linear meters)

WEBAC® Injection Tube	10 m
Injection- and ventilation adapter with cone screw plugs and sealing caps	2 pcs
or shuttering packers K	2 pcs
Clamps with hole additionally nails or screws	2 pcs
or plug-in clamps	68 pcs
Injection resin (reference values only):	
Filling of tube volume	≈ 0.2 kg
Injection	≈ 1–3 kg

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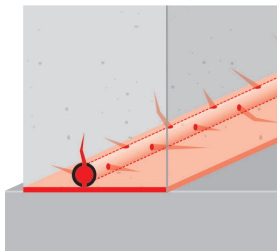
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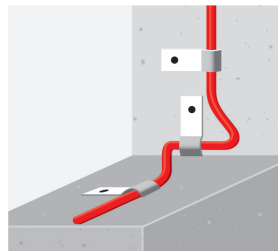
WEBAC® Injection Tubes

Installation

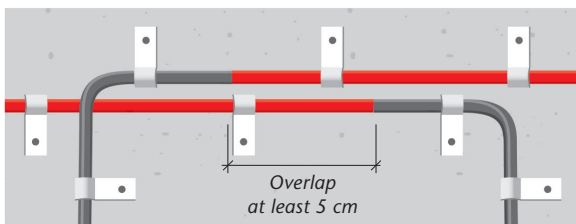
- Preferably, install **WEBAC® Injection Tube** centrally in the building component (III. 1)
- Max. length per installation section: 10 m
- In case of very high wall thicknesses ($d > 60$ cm), install the tube at a distance of ≈ 25 cm from the waterside (for tube installation in corners, see III. 2)
- Keep to minimum concrete cover (5 cm)
- Fasten with clamps/plug-in clamps at least every 15 cm, halve fastening distance on uneven ground and when changing direction
- Fastening in full contact with the substrate
- Avoid shifting or floating during concreting



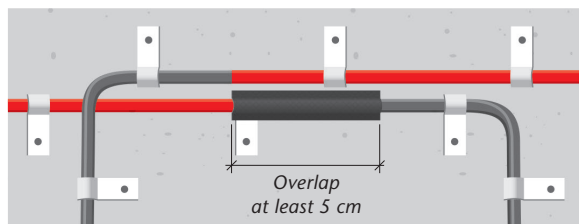
III. 1



III. 2



III. 3a



III. 3b

- Either plug end pieces (with sealing cap) onto the tube ends or fasten the tube with shuttering packers
- At impacts, the ends of the injection tubes are overlapped by ≈ 5 cm (III. 3a), whereby in the case of **WEBAC® Injection Tube Type 2** (III. 3b) one of the two tubes is taped in this area to prevent premature penetration of the injection resin into the next injection section

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.

Injection

- Check the injection hose for free flow (compressed air or water)
- Fill the injection section with injection resin via injection packer until injection resin emerges at the associated hose end (venting of the hose).
- Better results are achieved at constantly low pressure than at high pressure
- Max. injection: 80 bar
- Carry out a secondary injection within the pot life of the injection resin

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Product data	
Delivery form	Unit 100 m
Storage	Prevent from mechanical damage

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.de.

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.de and the safety data sheets.

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