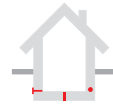


Special Construction Products

WEBAC® Injection Tubes



- WEBAC® Injection Tubes in combination with WEBAC Injection Resins are a flexible system for sealing construction joints in concrete construction.

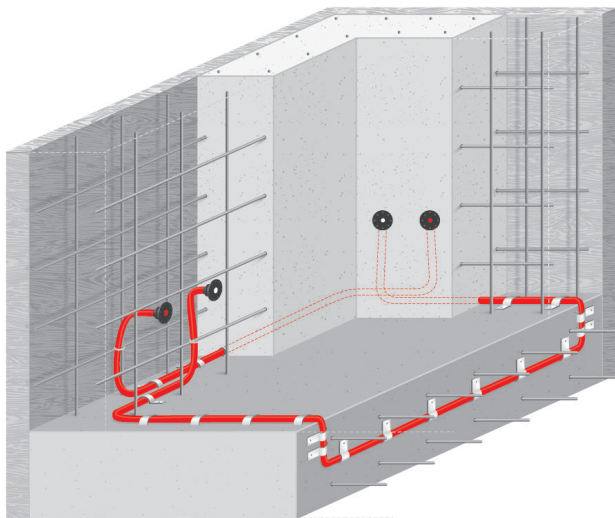
Range of application

- 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 dimensions

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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Special Construction Products

WEBAC® Injection Tubes

WEBAC® Injection Tube AB



Perforated plastic 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 (with HP nipple and plug) |
| Tube connector | Cone screw plug |
| Clamps without hole/with hole | Plug-in clamp |
| Clamp exposed or close-lying | Fastening grid |

Thumb rule for material consumption

Tube and other accessories (referring to 10 linear meters)

| | |
|--|----------------|
| WEBAC® Injection Tube | 10 m |
| Injection- and ventilation adapter cone screw plugs sealing caps or shuttering packers K (complete) | 2 pcs |
| Clamps without hole/with hole additionally nails or screws or plug-in clamps or fastening grid | 68 pcs 10 m |
| Injection resin (reference values only): | |
| Filling of tube volume | ≈ 0.2 kg |
| Injection | ≈ 1–3 kg |

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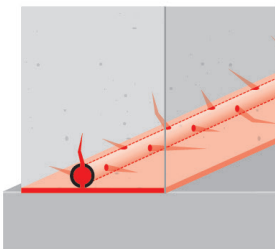
Technical Information

Special Construction Products

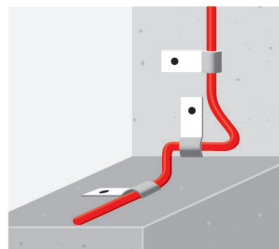
WEBAC® Injection Tubes

🌀 Installation

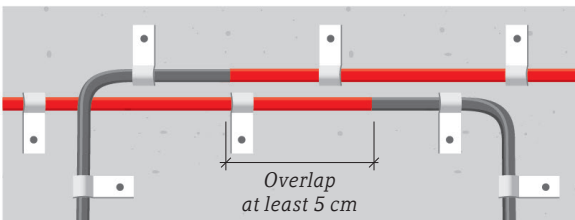
- Preferably, install the injection tube centrally in the building component (Ill. 1)
- Maximum length is 10 m per installation section
- In case of very high wall thicknesses ($d > 60$ cm), install the tube at a distance of approx. 25 cm from the waterside (for tube installation in corners, see Ill. 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
- Either plug end pieces (with sealing cap) onto the tube ends or fasten the tube with shuttering packers



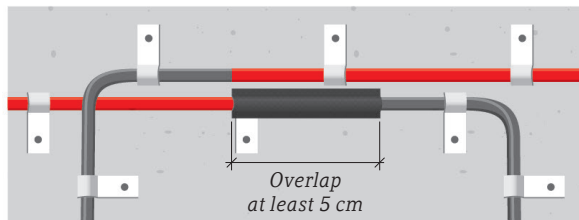
Ill. 1



Ill. 2



Ill. 3a



Ill. 3b

- At impacts, the ends of the injection tubes are overlapped by approx. 5 cm (Ill. 3a), whereby in the case of **WEBAC® Injection Tube Type 2** (Ill. 3b) one of the two tubes is taped in this area to prevent premature penetration of the injection resin into the next injection section

Installation and injection records must be prepared. The notes in the DBV bulletin "Injection tube systems and swellable inserts for construction joints" must be observed.

🔧 Injection

- 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
- The injection pressure should not exceed 80 bar
- Carry out one or preferably two secondary injections within the workable life of the injection resin

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Special Construction Products

WEBAC® Injection Tubes

| Product data | |
|--------------|--|
| Packing | Unit 100 m / roll |
| Storage | <ul style="list-style-type: none"> Prevent from mechanical stress |

Test certificates

WEBAC® Injection Tube AB:

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

WEBAC® Injection Tube Type 2:

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

Occupational safety/waste disposal

► Downloads on webac-grouts.com



webac-grouts.com/downloads

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