

Injection Packers

WEBAC Injection Packers

Range of application

Injection packers are filler necks used as connection pieces between the building component and the injection device during injection processes, e.g. when

- Sealing buildings
- Repairing cracks

Suitable for

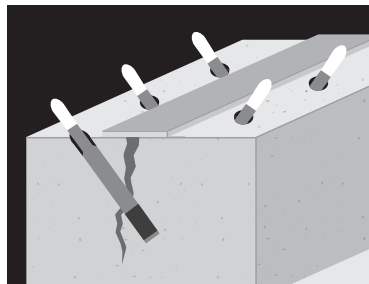
- PU injection foam resins
- PU injection resins
- EP injection resins
- Acrylate gels
- PU casting foam resins
- Silicate injection solutions

Requirements

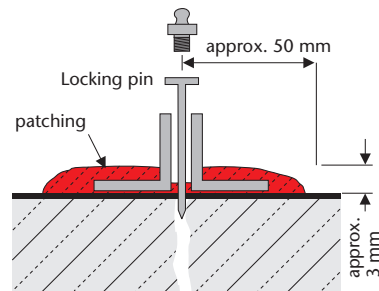
- Compatibility of packers with injection materials
- Good fastening in the building component
- Corrosion resistance
- High pressure resistance
- Shutoff device towards the building component
- Available with zerk or button head fitting and high-pressure or low-pressure fitting

Exemplary applications

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



Mechanical packers



Surface packer

▶ Technical Information

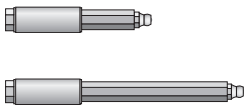
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Injection Packers

WEBAC Injection Packers

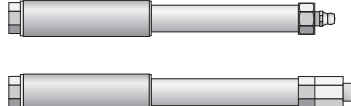
Drill-hole packers

WEBAC® Mechanical Packers Type S



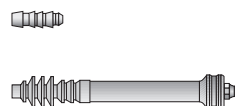
- Easy handling
- Economical use
- For normal injection processes

WEBAC® Mechanical Packers Type R



- Versatile use
- Can also be equipped with button-head fittings for higher flow rates

WEBAC® Hammer-in Packers Type R



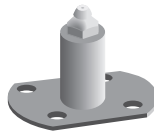
- Easy handling
- Not suitable for porous masonry/concrete

Surface packers

WEBAC® Surface Packer aluminum



WEBAC® Surface Packer plastic



- No drilling required (non-destructive injection)
- Often used on horizontal surfaces

One-day packers

- No material reflow from the packer thanks to non-return valve
- Dismantling and closing possible immediately after the injection
- All operations can be implemented the same day

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General Information

WEBAC Injection Packers

► WEBAC packers are used as connecting pieces between the injection device and the building component when using various injection materials. They are available in different versions depending on the required pressure, the building component and the special properties of the injection material.



Preparatory work

Structural analysis:

- Structural condition
- Material used
- Planned injection pressure (high pressure or low pressure)

This results in:

- Selection of the suitable packers



Installation

- The size of the drill holes depends on the conditions on site and the packers used
 - When using mechanical packers, the drill holes should usually be 1 mm larger than the diameter of the packers
 - When using hammer-in packers, the recommended drill-hole size corresponds to the diameter of the packers
- Drill holes are generally made slanting downwards at an angle of approx. 30° – 45° depending on the wall thickness (for more detailed information please refer to WEBAC Brochures "Sealing of Masonry" and "Curtain Injection")
- Remove all drilling dust from the drill holes



Final work

- Dismount the drill-hole packers/surface packers
- Knock off the hammer-in packers superficially and, if applicable, remove the patching
- Close the drill holes with suitable mortar



Cleaning

- **WEBAC® Mechanical Packers** of Type R can be rinsed at the flush pump after the application of WEBAC gels.



Storage

- Protected from humidity and mechanical damage.



Occupational safety

The safety regulations of the industrial trade associations and the WEBAC Material Safety Data Sheets are to be observed at all times when working with this product. Safety data sheets in accordance with Annex II to EU Regulation 1907/2006 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".



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" and the material safety data sheets.

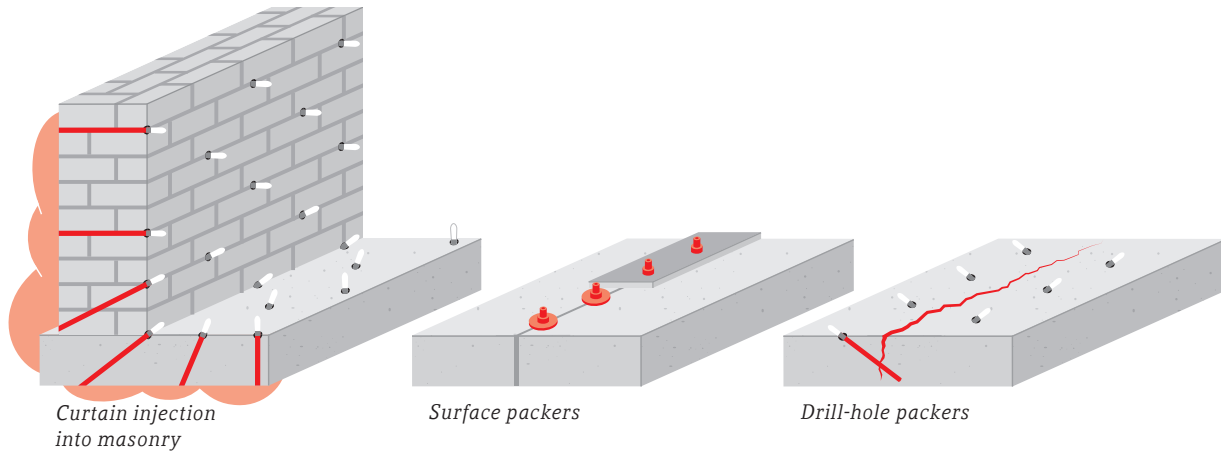
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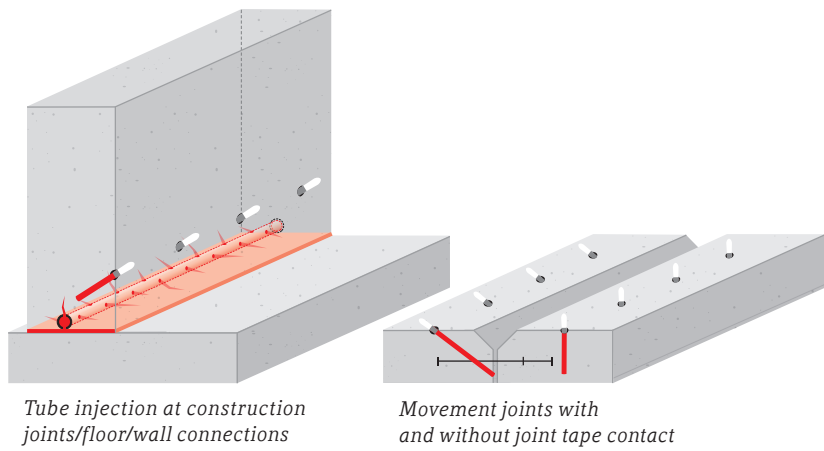
WEBAC Injection Packers

Exemplary applications for positioning of drill-holes



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