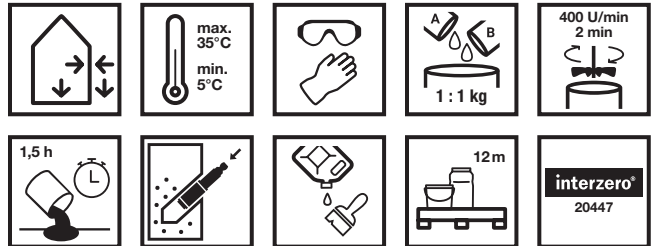


INTRASIT® PU-Injekt 12P

Polyurethane injection resin for shrinkage-free crack injection



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

INTRASIT® PU-Injekt 12P is a 2-component, low-viscosity polyurethane resin with strengthening and anti-corrosive properties. A uniform pore structure is formed on contact or mixing with water. It is waterproof and increases the elasticity of the material.

Application

- for grouting cracks in all mineral building materials
- suitable for sealing tunnels and consolidating loose masonry structures

Operational area

- Cracks in concrete and masonry
- Grouting of injection hoses
- Horizontal barriers

Properties

- 2-component
- shrinkage-free
- flexible
- solvent-free

Technical Data

Available container sizes	2 l/combination container
Processing temperature	+5°C up to +35°C
Mixing ratio	1 : 1
Density of component A	1.0 kg/l
Density of component B	1.1 kg/l
Mixing viscosity	approx. 80 mPa·s
Pot life	1.5 hours (1 liter) ¹⁾
Shore hardness (Shore-A)	approx. 40
Storage	12 months
Consumption	approx. 1 l per liter cavity
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- The substrates must be load-bearing and free of frost, oil, grease and dust. Record the course of the crack to determine the drill hole arrangement. Inject water into dry cracks beforehand. Damp the crack surface if necessary.

AREAS OF APPLICATION AND PROCESSING

Applying

- Components A + B are mixed homogeneously in a suitable container using a drill and stirring paddle. The mixing time is at least 2 minutes.
- INTRASIT PU-Injekt 12P is mainly injected under pressure using a hand lever press or suitable pump systems.
- Place injection packers alternately left and right along the crack flanks at a distance of approx. 5 – 7 cm.
- Seal cracks on the surface with INTRASIT Rasant 55Z fast-setting reaction mortar.
- Apply the product within 1.5 hours of mixing.

Drying / Follow-up work

- INTRASIT PU-Injekt 12P hardens without shrinkage. Re-grouting of the crack structure is not necessary.

NOTES

Cleaning

- Clean tools immediately after use with HADALAN EPV 38L.

System products

- INTRASIT® PU-Aquastop 11P
- HADALAN® EPV 38L
- HADALAN® MBH 12E

To be observed

- Do not apply below +5 °C.
- Use HADALAN MBH 12E to achieve friction-locked joints.
- Observe WTA data sheets.
- Stop flowing water by injecting INTRASIT PU-Aquastop 11P.
- Bituminous coatings, plastic or bituminous rubber sheeting are not damaged by INTRASIT PU-Injekt 12P.
- Steel and iron are not attacked by the polyurethane resin. It acts as a corrosion inhibitor.

Ingredients

- Polyurethane resin



■ Occupational safety / Recommendation

- Comprehensive instructions for the safe handling of polyurethanes can be found in data sheet M044 "Polyurethane" issued by the raw materials and chemical industry trade association, BG RCI. Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

■ Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Cured material residues can be disposed of in accordance with EWC code no. 08 04 09 (waste adhesives and sealants containing organic solvents or other hazardous substances).

■ Producer

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.