

Two-component, solvent-free, elastified injection resin for non-shrinking crack injection in concrete and masonry

Characteristics

INTRASIT® PU-Injekt 12P is a two-component low-viscosity polyurethane resin that stabilizes and protects against corrosion. When it comes into contact or is mixed with water, it builds up a uniform pore structure which is water-tight and increases the material's extension capacity.

- 2-component
- Non-shrinking
- Flexible
- Solvent-free

Use

INTRASIT® PU-Injekt 12P is used for grouting cracks in all mineral building materials. Suitable for waterproofing tunnel constructions and for stabilizing brittle masonry structures.

Areas of application:

- Cracks in concrete and masonry
- Sealing of injection hoses
- Horizontal damp courses

Specifications

Packaging	Combination barrels
Container size	5 l / 2 l
Delivery form	24 / 60 barrels/pallet
Application temperature	+5 °C to +35 °C
Mixing ratio	1 : 1
Density of component A	1.00 kg/l
Density of component B	1.10 kg/l
Mixing viscosity ¹⁾	80 mPa.s
Pot life (1 litre, +20 °C)	1.5 hours
Shore A hardness	approx. 40
Storage	12 months

Quantity required

Per litre cavity volume approx. 1 litre

¹⁾ for +20°C and 60 % relative humidity



Preparation of the surface

Substrates must be sound and free of frost, oil, grease and dust. Identify the crack path propagation to determine the arrangement of the drill holes. Inject water into cracks that are dry. Grout the crack surface, if required.

Application

1. Mix component A and B by stirring it with a drilling machine with attached agitator; use a suitable container for mixing. Mix well to ensure a homogeneous mixture. Stirring time will be at least 2 minutes.
2. **INTRASIT® PU-Injekt 12P** is usually injected by the pressure method using a hand-lever press or a suitable injection pump system.
3. Install injection packers in a distance of about 5 - 7 cm alternatingly left and right of the crack path.
4. Seal the surface of the crack path with hahne's rapid-setting installation mortar **INTRASIT® R 55Z**.
5. **INTRASIT® PU-Injekt 12P** within 1.5 hours after mixing.
6. Clean all the work equipment immediately after use with **HADALAN® EPV 38L**.

INTRASIT® PU-Injekt 12P hardens without shrinking. Re-injection of the crack structure is not required.

hahne system products

INTRASIT® PU-Aquastop 11P
INTRASIT® R 55Z
HADALAN® EPV 38L
HADALAN® MBH 12E

Important notes

- Do not use at temperatures below +5 °C.
- Use **HADALAN® MBH 12E** to create for making frictional connections.
- Read the WTA information sheets.
- Stop running water by injecting **INTRASIT® PU-Aquastop 11P**.
- Bituminous coatings, synthetic felts or bitumen-rubber felts will not be damaged by **INTRASIT® PU-Injekt 12P**.
- Steel and iron will not be corroded by polyurethane resin, which protects these materials against corrosion.

Ingredients

Polyurethane resin

Safety provisions/recommendations

Information regarding the safety during transport, storage and handling are included in the updated safety data sheets.

Disposal

The local waste removal regulations must be observed.

Manufacturer

Heinrich Hahne GmbH & Co KG
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This information is based on extensive tests and practical experience. However, it cannot be applied to every type of application. If in doubt, we recommend that you test the product before using it. Due to continuous product improvement, this information is subject to change without notice. Our General Terms and Conditions apply. Version as of 6.2014