

**One-component, solvent-free, reactive injection resin
for rapid sealing of water-bearing cracks**

Characteristics

INTRASIT® PU-Aquastop 11P is a polyurethane resin that reacts with moisture.

When it comes into contact with water, it reacts by expanding extensively, achieving a volume increase of 30 to 60 times.

- 1-component
- Extended workable time
- Quick-hardening
- Free of CFC and phthalate plasticizers

Use

INTRASIT® PU-Aquastop 11P for sealing water-bearing (including brine) cracks in mineral building materials.

Application areas:

- Masonry and concrete
- Stabilizing unconsolidated rock
- Floors and walls

Specifications

Packaging	Metal bottle/canister
Barrel	5 kg / 1 kg (11 x 1 kg/ carton)
Delivery form	
Processing temperature	72 containers/pallet
Density ¹⁾	
Viscosity ¹⁾	+5 °C to +35 °C
Start of expansion	1.1 kg/l
	500-1000 mPa·s
Processing time	approx. 15 sec. after contact with water unlimited, forms a skin in an open container
	12 months
Storage	

Quantity required

according to requirements

¹⁾ At +20 °C and 60 % relative atmospheric humidity.

Preparation of the surface

Inspect the substrate for crack path propagation before commencing application. The cracks or cavities to be sealed must contain moisture. If necessary, pre-inject them with water. Holes to absorb the injection material are drilled on both sides along the crack. The distance between the drill holes is half the component thickness, the depth approx. 3/4 of the component thickness. The bore holes are drilled at an angle of 45° to the centre of the crack.

Application

INTRASIT® PU-Aquastop 11P is injected into the water-bearing areas by means of packers and hand-powered or motorised pumps.

1. Use injection packers for the injection method.
2. If necessary, close crack areas between the packers with **HADALAN® MBH 12E** and **HADALAN® TX 57DD** or **INTRASIT® R 55Z**.
3. For permanent sealing, re-injection with **INTRASIT® PU-Injekt 12P**. Directly after injection is complete, use the same packers to re-inject **INTRASIT® PU-Injekt 12P**.
4. Clean all the working equipment immediately after use with **HADALAN® EPV 38L**.

hahne system products

INTRASIT® PU-Injekt 12P
INTRASIT® R 55Z
HADALAN® EPV 38L
HADALAN® MBH12E
HADALAN® TX 57DD

Important notes

- Not suitable for creating frictional connections. Use **HADALAN® MBH 12E**.
- Use **HADALAN® EPV 38L** to remove fresh **INTRASIT® PU-Aquastop 11P**.
- Read the WTA information sheets.
- **INTRASIT® PU-Aquastop 11P** is used for rapid, but not permanent crack sealing. Therefore, cracks must be re-injected with **INTRASIT® PU-Injekt 12P**.
- Do not continue injection at temperatures below +5 °C.

Ingredients

Polyurethane resin

Safety provisions/recommendations

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

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