

## Inject resin for grouting 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 Barrel	Metal bottle/canister 1 kg (11 x 1 kg/ carton)
Processing temperature	+5 °C to +35 °C
Density <sup>1)</sup>	1.1 kg/l
Viscosity <sup>1)</sup>	500-1000 mPa·s
Start of expansion	approx. 15 sec. after contact with water
Processing time	unlimited, forms a skin in an open container 12 months

Storage

### Quantity required

according to requirements

<sup>1)</sup> 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® SM 57DD** or **INTRASIT® Rasant 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® Rasant 55Z  
HADALAN® EPV 38L  
HADALAN® MBH12E  
HADALAN® SM 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

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