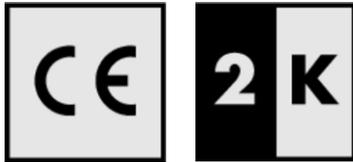


### AQUAFIN®-P4

PU injection resin for crack-bridging



Material number	Contents	Unit of quantity	Packaging	Colour
205221001	2,2	KG	Set	Honey yellow
205221002	11	KG	Set	Honey yellow

#### Product features •

- Polyurethane resin •
- Two component

#### Advantages

- Low viscosity
- Cures to soft elastic •
- Excellent adhesion •
- High tear resistance

#### Fields of application / waterproofing

- For crack sealing
- For water penetration
- On dry and damp substrates
- System component of AQUAFIN®-CJ1

### AQUAFIN®-P4

#### Technical Data

##### Material properties

Product components	2 component system
Base material	polyurethane resin
Consistency	Liquid
Density (spec. weight)	approx. 1.1 kg/dm <sup>3</sup>

##### Mixing

Mix ratio, component A	1 weight proportion
Mix ratio, component B	1 weight proportion
Mixing time	approx. 3 minutes

##### Application

Substrate temperature	from 5 °C to 30 °C
Pot life	approx. 30 minutes
Consumption per litre - voids	approx. 1.1 kg/l
Application temperature	from 10 ° C to 30 ° C

#### Application technology

##### Aids/tools

- Stirrer (approx. 300 rpm) •
- Hand lever press
- Foot lever press
- Suitable injection equipment •

##### Injection packer

- Mechanical grouting system (piston pump) •
- Mechanical grouting system (airless)

##### Machine application

AQUAFIN®-P4 can be mechanically applied. For precise information, see the additional Technical Information No. 43.

#### Substrate preparation

##### Substrate quality class

	Beton	Estrich	Putz
Güte	mind. C20/25	mind. CT-C35-F5	mind. P IIIa/P IIIb
Haftzugfestigkeiten	≥ 1,5 N/mm <sup>2</sup>	≥ 1,5 N/mm <sup>2</sup>	ca. 0,8 N/mm <sup>2</sup>
Alter	mind. 28 Tage		

#### Usage

##### Mixing

1. Store the material at +15 °C for 12 hours before use.
2. Add the hardener to the resin.
3. The hardener must run completely out of the container.
4. Mix thoroughly with the mixer until a homogeneous consistency.
5. Mixing time approx. 3 minutes.
6. Decant the mass into a clean bucket.
7. Stir meticulously again.

### AQUAFIN<sup>®</sup>-P4

#### Application

1. Clear any drilling debris in the drilled holes using oil-free compressed air.
2. Insert the injection packer.
3. Seal the injected packer and crack zone on the surface approx. 15 cm wide with ASODUR-EKF.
4. After the crack insulation has cured, grout in the thoroughly mixed AQUAFIN-P4 using a grouting device.
5. After the resin has cured, remove the injection packer and plug the boreholes flush with the surface using ASOCRET-M30.

#### Cleaning tools

Immediately after use, clean tools and equipment meticulously with ASO-R001. The injection system must be cleaned at the end of work or in case of a longer interruption to work. No material residues shall be allowed to dry and stick in the equipment. The cleaning agent or solvent to be used must have a flash point above +21 °C. Please observe the specifications of the respective machine manufacturer.

#### Storage conditions

##### Storage

Store in a frost-free, cool and dry place. At min. 15 - 25 °C for 12 months in the original canister. Promptly use opened canister.

#### Disposal

Hardened product leftovers can be disposed of in accordance with disposal code AVV 15 01 06.

#### Notes

- Protect surfaces that are not to be treated from the effects of AQUAFIN<sup>®</sup>-P4!
- In the event of water-conducting cracks, an initial injection of AQUAFIN<sup>®</sup>-P1 is necessary to stop the ingress of water.
- Higher temperatures shorten the pot life. Lower temperatures increase the application and hardening times. The rate at which material is consumed also increases at lower temperatures.

**Observe applicable safety data sheet!**

GISCODE: PU40

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