

Technical data sheet

StoJet PIH 200

PUR injection resin



Characteristics

Areas of application

- for closing, waterproofing, and flexibly joining cracks defined as dry, damp, and water flowing

Properties

- high depth of penetration
- low viscosity
- high flexibility
- mixing ratio 1 : 1 volumetric

Information/notes

- product is in accordance with EN 1504-5
- not suitable for force-transmitting filling

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Criterion	Standard / test regulation	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	110 mPa.s	mixture
Density (23 °C)	EN ISO 2811	1.02 g/cm ³	mixture

The characteristic values stated are average values or approx. values. We use natural raw materials in our products, which means that the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Substrate

Requirements

Clean the concrete substrate in the crack area.
Clean the crack with an industrial vacuum cleaner or by blowing out with oil-free compressed air.

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Moisture state of the crack, the crack edges, and the crack flanks "dry", "damp", "wet", or "water flowing" in accordance with EN 1504-5

When waterproofing cracks defined as "water flowing", pre-injection with StoJet PU VH 200 (quick-foaming PUR) is necessary.

Application

Application temperature Lowest application temperature: +8 °C
Highest application temperature: +30 °C

Processing time At +10 °C: approx. 90 minutes
at +23 °C: approx. 50 minutes
at +30 °C: approx. 35 minutes

Mixing ratio component A : component B = 1 : 1 parts by volume
component A : component B : = 100 : 120 parts by weight

Material preparation The temperature of the individual components must be min. +15 °C when mixing. Component A and Component B are supplied in the correct mixing ratio and should be mixed in accordance with the following instructions. Stir Component A, then add all of Component B. Mix thoroughly with a slow-running stirrer (max. 300 rpm) until a homogeneous, streak-free compound develops. It is also vital to stir thoroughly at the sides and the bottom to ensure that the hardener spreads evenly. Mixing time at least 3 minutes.

After mixing, transfer into a clean container and stir again thoroughly.
Do not apply from the delivery container!
After taking out parts of the material, shake the dehumidifying system at the bottom of the can.

Application

StoJet PIH 200 can be applied by injecting with one-component or two-component injection equipment for reaction resins (PUR-I).

When waterproofing cracks defined as "water flowing", pre-injection with StoJet PU VH 200 (quick-foaming PUR) is necessary. Immediately after the water flow has subsided, use the same packers to inject StoJet PIH 200 outside the scope of the ZTV-ING (German additional technical terms of contract and guidelines for civil engineering).
It may be necessary to change the nipples of the packers.

If applying the ZTV-ING, limit the use of StoJet PU VH 200 to the last third of the building element cross section. Immediately after the water flow has subsided, use additional drill packers to inject StoJet PIH 200.

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Cleaning the tools After use, clean immediately with StoCryl VV,
Afterwards, clean the injection equipment using StoJet NR.

Indications, recommendations, special information, miscellaneous The Declaration(s) of Conformity can be obtained from the StoCretec Technical Information Centre
General application instructions can be found at www.stocretec.de (Products) and in the latest issue of the "Technical Data Sheets" manual, in the appendix.
The container 9 kg contains a carton with 9 x 1 kg combi

Delivery

Packaging tin
can

	Article number	Designation	Container
	09380/004	StoJet PIH 200 Combi	9 kg combi
	09380/002	StoJet PIH 200 Set	20 kg set

Storage

Storage conditions Store in dry and frost-free conditions.

Storage life In the original container until ... (see packaging).

Certificates/approvals

Identification

Product group Injection resin

Safety This product is subject to compulsory designation in accordance with the current EU directive.
You will receive an EU Safety Data Sheet with your first order.
Please observe the information regarding the handling of the product, its storage, and disposal.

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Special notes

The information or data in this technical data sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use.

Applications other than those explicitly mentioned in this technical data sheet are only permissible after prior consultation. Where no approval is given, such applications are at the risk of the user. This applies particularly to combinations with other products.

When a new technical data sheet is published, all previous technical data sheets are no longer valid. The latest version is available on the Internet.

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