# Technical Data Sheet
# StoJet IHS

EP injection resin, quick-hardening



## Characteristics

**Area of application**
- for closing, sealing, and force-transmitting filling of dry cracks

**Properties**
- good depth of penetration
- high tensile strength
- low viscosity

**Information/notes**
- product is in accordance with EN 1504-5:2012
- not suitable for damp cracks and flexible connections

## Technical data

| Criterion | Standard / test specification | Value/ Unit | Notes |
|---|---|---|---|
| Viscosity (at 23 °C) | EN ISO 3219 | 160 - 240 mPa.s | mixture |
| Density (mixture 23 °C) | EN ISO 2811 | 1,04 - 1,10 g/cm³ | |

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, 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.

Moisture state of the crack, the crack edge zone, and the crack sides “dry”, in accordance with EN 1504-5.

## Application

**Application temperature**

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

**Time for application**

At +10 °C: approx. 60 minutes
At +23 °C: approx. 30 minutes
At +30 °C: approx. 15 minutes

**Mixing ratio**

component A : component B = 3.0 : 1.0 parts by weight

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| | component A : component B = 5.0 : 2.0 parts by volume |
| **Material preparation** | 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.<br>Mix thoroughly with a slow-running paddle mixer (max. 300 rpm) until a homogeneous, streak-free compound develops. It is also vital to stir thoroughly at the sides and the bottom in order to evenly distribute the hardener. Mixing time is at least 3 minutes.<br>After mixing, pour the compound into a clean container and mix again.<br>Do not apply from the delivery container!<br><br>The temperature of the individual components must be at least +15 °C when mixing. |
| **Application** | For impregnation cracks close to the surface (EP-T) StoJet IHS can be applied both manually and also by injecting with manual lever presses, 1 component or 2-component injection equipment for reaction resins (EP-I). |
| **Cleaning the tools** | Clean with StoDivers EV 100 immediately after use.<br>Afterwards, clean the injection equipment using StoJet NR. |
| **Notes, recommendations, special information, miscellaneous** | The declaration(s) of performance can be obtained from the StoCretec Technisches InfoCenter<br>General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual. |

## Delivery

**Packaging** pail and tin

| Article number | Name | Container |
|---|---|---|
| 14160/010 | StoJet IHS Set | 10 kg set |
| 14160/009 | StoJet IHS Set | 23 kg set |
| 14160/007 | StoJet IHS Combi | 9 kg box |

## Storage

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| **Storage conditions** | Store in dry and frost-free conditions. |
| **Storage life** | In the original container until ... (see packaging). |

## Identification

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| **Product group** | Injection resin |

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| **GISCODE** | RE90 |

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| **Safety** | This product is subject to compulsory labelling in accordance with the current EU regulation.<br>You will receive an EU Safety Data Sheet with your first order.<br>Please observe the information regarding the handling of the product, its storage, and disposal.<br>Handling epoxy resins: “Praxisleitfaden für den Umgang mit Epoxidharzen”, (Practical guide for handling epoxy resins) and<br>test report: “Prüfbericht zur Schutzwirkung von acht Chemikalienschutzhandschuhen gegenüber EP-Beschichtungen” (Test report on the protective effect of eight chemical protective gloves against EP coatings),<br>Published by:<br>BG BAU - Berufsgenossenschaft der Bauwirtschaft<br>Hildegardstraße 29/30, 10715 DE-Berlin<br>Tel. (+49) 30 85781-0, Fax. (+49) 800 6686688-37400, www.bgbau.de |

## Special notes

The information 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. Users are nevertheless responsible for establishing the product's suitability and use.
Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination 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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