

# Technical Data Sheet

## StoCrete ZL

Cement grout for filling cracks and cavities



### Characteristics

<b>Area of application</b>	<ul style="list-style-type: none"> <li>• suitable for closing, filling, and waterproofing dry and damp cracks and cavities in concrete</li> <li>• for increasing the compressive strength of no-fines concrete</li> </ul>
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<b>Properties</b>	<ul style="list-style-type: none"> <li>• good depth of penetration</li> <li>• constant in volume</li> <li>• low viscosity</li> </ul>
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### Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Dynamic modulus of elasticity	TP BE-PCC	24.000 N/mm <sup>2</sup>	
Bulk density of fresh mortar	EN 1015-6	1,8 kg/dm <sup>3</sup>	
Compressive strength	TP BE-PCC	60 MPa	
Flexural strength	TP BE-PCC	9,5 MPa	

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

<b>Requirements</b>	<p>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.</p> <p>Moisture state of the crack, the crack edges, and the crack flanks should be "dry" or "damp" in accordance with ZTV-ING part 3, table A 3.5.1 (German Additional Technical Terms of Contract and Directives for Civil Engineering Works).</p> <p>Pre-wet any dry cracks using the packers.</p>
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### Application

<b>Time for application</b>	At +20 °C: approx. 60 minutes
<b>Material preparation</b>	<p>Make the mixing liquid out of component A and water.</p> <p>Mixing ratio: 1.2 l component A and 7.6 l water, per 20 kg of component B. Mix</p>

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component A and water together thoroughly.

Add 20 kg of component B to the mixing liquid, while stirring on a low speed setting. Mix both components with a fast-running stirrer (3000 rpm) for approx. 1 minute. Allow the mixture to mature for approx. 3 minutes. Remix for 4 minutes.

### Application

Pre-wet any dry cracks using the packers.

Then inject the material using the low pressure method at approx. 1 - 10 bar. During the application period, keep any mixed material free-flowing by stirring it without adding any extra water.

### Cleaning the tools

Clean with water immediately after use. Hardened material can only be removed mechanically.

### Notes, recommendations, special information, miscellaneous

General application instructions are available at [www.stocretec.de](http://www.stocretec.de) and in the notes of the latest Technical Manual.

Precise consumption values should be established on the basis of the specific project.

### Delivery

#### Packaging

Sack and can

Article number	Name	Container
01596-002	StoCrete ZL Comp. A	10 l can
01597-003	StoCrete ZL Comp. B	20 kg bag

### Storage

#### Storage conditions

Store in dry and frost-free conditions.

#### Storage life

In the original container until ... (see packaging).  
This product has a low chromate content.  
The product quality is best guaranteed in its unopened original container until its shelf life has expired. The first digit of the batch number is the final digit of the year. The second and third digits indicate the calendar week. Example:  
1450013223 - shelf life until end of calendar week 45 in 2021.  
For further explanation, see the price list.

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### Identification

**Product group** Cement paste

**GISCODE** ZP1

### Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.

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.

### 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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