

# Technical Data Sheet

## StoPox EPG

Three-components solvent-free, epoxy resin grout



### Characteristics

#### Properties

- High compressive, flexural and tensile strength
- Good flow properties
- Shrink-free curing to ensure effective contact and support
- Good chemical resistance
- Takes up and transfers tensile and compressive loads
- Good impact resistance
- Ready-to-use pre-weighed packs

#### Application

- Apply by manual pouring

### Area of Use

- Bridge bearing pads
- High-speed turbines and centrifuges
- Support beneath crane and transport rails
- Load bearing joints between pre-fabricated elements
- Wide cracks in horizontal concrete surfaces
- Structural filling of holes and cavities in concrete
- As an anchoring grout to anchor bolts, masts and reinforcement bar

### Technical Data

Data	Criteria	Test Standard	Value	Unit
Compressive strength	@ 3 days	ASTM C579-91	60	N/mm <sup>2</sup>
	@ 7 days		85	N/mm <sup>2</sup>
Tensile strength @ 7 days		ASTM C307	14	N/mm <sup>2</sup>
Flexural strength @ 7 days		ASTM C348	30	N/mm <sup>2</sup>
Flow characteristics @ 100mm head				
	10mm gap width		max. 800	mm
	40mm gap width		max. 1500	mm

The values stated are average values. Due to the use of natural raw material in our products, the actual value determined on an individual delivery may deviate slightly, without compromising product suitability.

### Application

#### Substrate Preparation

The substrate must be sound, dry, clean and free from oil and grease.  
All loose material and laitance should be properly removed by approved means.

#### Material Preparation

Pour Component B into Component A and stir until the mixture is uniform in colour. Transfer the content into a clean, dry pail and add in Component C.  
Stir continuously using a low speed electric drill with paddle (max. 300 rpm), and mix for approximately 5 minutes until a fully homogeneous lump free compound is obtained.

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Application	
<b>Placing Procedure</b>	When under filling base plates, pour grout from one side or from a corner. Grout must be poured continuously until the cavity is completely filled. For voids underneath the plate, gentle strapping may be required to aid the flow. Protect the freshly-placed grout from rain and dew for 4 - 6 hours.
<b>Working life</b>	Approx. 60 mins @ 25°C
<b>Curing time</b>	At 25°C Tack free            13 hours Full cure            7 days
<b>Consumption</b>	One 20 kg set of StoPox EPG will yield approximately 0.01 m <sup>3</sup> of epoxy grout.
<b>Application Temperature</b>	Minimum application temperature + 8°C Maximum application temperature + 45°C
<b>Cleaning Tools</b>	Tools must be cleaned immediately after use with thinner.
Delivery	
<b>Packing</b>	StoPox EPG is available in 20 kg set.
Storage	
<b>Storage Life &amp; Condition</b>	This product has a shelf life of 12 months from the manufacturing date. Product should always be stored in an unopened bag, dry place, protected from rain, direct sunlight and raised off the floor.
Special Notes	
<b>Health &amp; Safety</b>	Please refer to safety datasheet.
<b>Technical Support</b>	Please consult Sto Technical Service Centre or the local sales office for further information and any site assistance required.
<b>Disclaimer</b>	<p>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.</p> <p>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.</p> <p>When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on <a href="http://www.sto-sea.com">www.sto-sea.com</a>.</p>

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