

# VP 1 trass

## Trass pressure grout and filling grout mortar

**quick-mix**  
A trademark of **sievert**



### Mortar for filling and injection of cavities and masonry joints

- thanks to adapted composition, very good pumpability, even over long distances
- multi-phase filling possible in case of large cavities
- one-component, cement-bound



### APPLICATIONS

- Strengthening and sealing of natural stone masonry
- Building renovation
- Tunnel construction and special civil engineering

### PROPERTIES

- is subject to factory production control (WPK) based on the DAfStb guideline "manufacture and use of cement-bound grouting concrete and grouting mortar"
- force-fit curing
- homogeneous suspension
- fire class A1 according to DIN EN 13501-1 (non-flammable)
- chloride-free
- also available as a highly sulphate-resistant product variant (SR cement)

### COMPOSITION

- High-quality binders according to EN 197-1 and DIN 51043
- Additives according to EN 12620
- low-chromate

### PROCESSING

#### Applying

- the product is ready to use and only needs to be mixed with water (drinking water quality). Mix the complete container with the specified amount of water in the mixer provided for at least 3 minutes until homogeneous with a suitable pump. High or low ambient, mountain and component temperatures influence the setting and hardening process and lead to deviations from the above-mentioned mechanical properties of the mortar.

### PACKAGING

- 30 kg/sack

### STORAGE

- Store dry and as per instructions.

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### QUANTITY REQUIRED / YIELD

- Yield: variable, depending on the water / solids value

### TECHNICAL DATA

<b>Water / solids value</b>	0.32 - 0.38 (adjustable depending on the consistency requirement)
<b>Compressive strength according to EN 196-1 (28 d)</b>	≥ 20 N/mm <sup>2</sup>
<b>Swelling dimension</b>	> 0.1 %
<b>Processing temperature</b>	+5°C to +30°C

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

### SAFETY AND DISPOSAL INSTRUCTIONS

<b>Safety</b>	<ul style="list-style-type: none"><li>■ This product produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes.</li><li>■ Follow further instructions in the safety data sheet.</li></ul>
<b>GISCODE</b>	<ul style="list-style-type: none"><li>■ ZP1 (products containing cement, low-chromate)</li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>■ Completely empty and recycle the packaging.</li><li>■ Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concretewaste and concrete slurries).</li></ul>

### GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.