

# S-Fix

## Rapid grouting mortar

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



### Rapid-curing grouting mortar with high early strength

Exterior plaster acc. EN 1504-6

- consistency: free-flowing
- expansion rate:  $\geq 0.1\%$
- compressive strength:
  - $\geq 15 \text{ N/mm}^2$  (1 h)
  - $\geq 40 \text{ N/mm}^2$  (24 h)
  - $\geq 55 \text{ N/mm}^2$  (28d)



### APPLICATIONS

- WW manhole head mortar according to DIN 19573
- specifically for height-regulation of manhole covers
- product according to DIN EN 1504-6 "Anchoring of rebar"
- for all areas where high early loads occur
- for grouting all kinds of machines and anchorings
- for external and interior use

### PROPERTIES

- easy to mix
- rapid hardening
- free-flowing
- shrink-free
- frost and de-icing salt-resistant
- good adhesion on concrete and steel
- easy to apply manually

### COMPOSITION

- high-quality binders according to DIN EN 197-1
- Mineral aggregates according to DIN EN 13139 / DIN EN 12620 (alkali sensitivity class EI)
- Admixtures with general building authority approval
- chloride-free

### SUBSTRATE

- Pretreatment**
- Clean the substrate. Remove loose parts, dust, cement slurry, oil and grease.
  - Pre-wet substrate thoroughly, but prevent puddles from forming.

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### PROCESSING

<b>Temperature</b>	■ Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.
<b>Mixing / Preparation / Processing</b>	■ Mix S-Fix as a complete package with approx. 4.5 litres of clean water in the compulsory mixer for at least 3 minutes.
<b>Applying</b>	■ The mortar must be poured without cavities and without any work interruption. Make sure it is de-aerated when doing so. ■ The formwork must be tight and non-absorbent as far as possible.
<b>Processing / Working time</b>	■ depending on amount of water added and temperature conditions maximum 5 to 10 minutes ■ Mortar that has already started to harden must never be thinned down with additional water, remixed or applied.
<b>Drying / Hardening</b>	■ The applied mortar is to be post-treated according to DIN EN 13670 / DIN 1045-3.
<b>Cleaning the tools</b>	■ Clean all tools and equipment with water immediately after use.

### PACKAGING

- 25 kg/sack

### STORAGE

- Store sacks appropriately and in dry conditions on pallets.

### QUANTITY REQUIRED / YIELD

- consumption: depending on application
- yield: app. 14 l fresh mortar per 25 kg/sack

### TECHNICAL DATA

<b>Water requirement</b>	approx. 4,5 l per 25 kg/sack
<b>Processing consistency</b>	free-flowing
<b>Processing temperature</b>	+5°C to +30°C
<b>Processing time</b>	approx. 5-10 minutes
<b>Grain</b>	0 – 1 mm
<b>Compressive strength (after 1 hour)</b>	≥ 15 N/mm <sup>2</sup>
<b>Compressive strength (after 24 hours)</b>	≥ 40 N/mm <sup>2</sup>
<b>Compressive strength (after 28 days)</b>	≥ 55 N/mm <sup>2</sup>
<b>Swelling dimension</b>	> 0.1 %

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>■ Dispose of the material in accordance with the official regulations.</li><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. Since natural raw materials are used, the values and properties described may vary somewhat. 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.