

# K 01.5

## Frame grouting mortar

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



### Special mortar for mechanical filling of steel frames without additional shuttering

- consistency: suitable for pumping
- compressive strength:  $\geq 10 \text{ N/mm}^2$
- building material class A1 (not flammable)



### APPLICATIONS

- for filling steel frames with increased fire protection requirements
- for filling leaving few cavities
- Also possible to use for wide openings without formwork
- Joint treatment wet-in-wet
- for external and interior use

### PROPERTIES

- suitable for pumping
- good workability
- high stability
- weather and frost resistant after hardening
- no watering due to set water retention capacity

### COMPOSITION

- high-quality binders according to DIN EN 197-1
- mineral additives according to DIN EN 13139
- chloride-free

### SUBSTRATE

- Pretreatment**
- Remove loose particles, dust and adhesion-depleting contaminants.
  - Pre-wet highly absorbent substrates.
  - Smooth areas are to be pre-treated with a bonding bridge before attaching the frames.

# K 01.5

## Frame grouting mortar

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



### PROCESSING

<b>Temperature</b>	<ul style="list-style-type: none"><li>■ 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.</li></ul>
<b>Mixing / Preparation / Processing</b>	<ul style="list-style-type: none"><li>■ The mortar is introduced with standard mixing pumps, e.g. PFT G4.</li><li>■ Set water supply to processable consistency.</li><li>■ The consistency is to be set so that the cavities between frame and wall reveal are filled without spaces.</li></ul>
<b>Applying</b>	<ul style="list-style-type: none"><li>■ The mortar is to be introduced in sections, on alternative sides whilst simultaneously knocking lightly on the frame. At this point the hose opening should be in fresh mortar to ensure grouting with few cavities.</li><li>■ It is imperative to work wet-in-wet.</li></ul>
<b>Drying / Hardening</b>	<ul style="list-style-type: none"><li>■ The struts must not be dismantled before the mortar has hardened.</li></ul>
<b>Cleaning the tools</b>	<ul style="list-style-type: none"><li>■ Clean all tools and equipment with water immediately after use.</li></ul>
<b>Notes</b>	<ul style="list-style-type: none"><li>■ The frames must be professionally fitted and anchored before being backfilled. The steel frame is to be spread out in such a way that any profile deflections (such as those anticipated by the backfilling process) are absorbed.</li></ul>

### PACKAGING

- 25 kg/sack

### STORAGE

- Store sacks appropriately and in dry conditions on pallets.

### QUANTITY REQUIRED / YIELD

- consumption: depending on application
- yield: app. 16 l fresh mortar per 25 kg/sack

### TECHNICAL DATA

<b>Compressive strength</b>	≥ 10 N/mm <sup>2</sup>
<b>Fire behaviour</b>	A1
<b>Processing temperature</b>	+5°C to +30°C
<b>Processing consistency</b>	suitable for pumping

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.

# K 01.5

## Frame grouting mortar

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



### 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.