

# H4

## Bonding bridge

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



### Mineral bonding bridge for cement-bonded substrates

- red/brown colour for easier checking of work
- building material class A1 (not flammable)



## APPLICATIONS

- for producing an interlocking bond with the following coatings, e.g. when laying natural stone in thick bedding or installing cement bonding screeds
- for producing a contact layer on cement substrates and terrazzo
- for floor area, interior and exterior

## PROPERTIES

- high adhesion
- frost-resistant and water-resistant after hardening
- mineral
- normally curing
- easy to process
- regulates the absorbency of the substrate

## COMPOSITION

- cement in accordance with DIN EN 197-1
- quartzite aggregates according to DIN EN 13139
- additives for improving bonding to the subsurface
- additives for regulating and improving workability and product properties

## SUBSTRATE

- The substrate must be load-bearing, clean and free of adhesion-reducing residues.

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### 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>■ When mixing manually, first place the quantity of water specified in the technical data in a clean container and then sprinkle in dry mortar. Use clean tap water.</li><li>■ Use a suitable agitator to mix the material until smooth and free of lumps. Leave to develop for a moment and then mix again.</li><li>■ Do not mix with other products and/or other substances.</li></ul>
<b>Processing</b>	<ul style="list-style-type: none"><li>■ Apply the bonding bridge onto the substrate over the whole area with a hard brush.</li><li>■ Apply the following coating directly afterwards into the bonding bridge "wet-in-wet" in the required layer thickness.</li><li>■ By way of derogation, a rest time for the bonding bridge of approx. 24 hours is necessary if quick-mix SZE quick-drying cement screed is expected to be applied.</li></ul>
<b>Processing / Working time</b>	<ul style="list-style-type: none"><li>■ approx. 45 minutes</li><li>■ Mortar that has already started to harden must never be thinned down with additional water, remixed or applied.</li><li>■ The stated times apply for a temperature of +20°C and relative humidity of 65%.</li></ul>
<b>Drying / Hardening</b>	<ul style="list-style-type: none"><li>■ Clean all tools and equipment with water immediately after use.</li></ul>
<b>Subsequent coating / Suitability for coating</b>	<ul style="list-style-type: none"><li>■ Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off contamination immediately with water.</li></ul>

### PACKAGING

- 25 kg/sack

### STORAGE

- Store sacks appropriately and in dry conditions on pallets.
- If stored in its original packaging, the product will keep for at least 12 months from the date of manufacture.

### QUANTITY REQUIRED / YIELD

- consumption: approx. 2.5 kg/m<sup>2</sup>
- yield: app. 14.5 l fresh mortar per 25 kg/sack



### TECHNICAL DATA

<b>Colour</b>	red-brown
<b>Grain</b>	0 – 4 mm
<b>Water requirement</b>	approx. 5.5 l per 25 kg/sack
<b>Compressive strength</b>	≥ 30 N/mm <sup>2</sup>
<b>Mixing time</b>	approx. 3 minutes
<b>Maturation time</b>	approx. 3 minutes
<b>Processing time</b>	approx. 45 minutes

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>■ Further instructions in the safety data sheet under <a href="http://www.strasser-systeme.de">www.strasser-systeme.de</a>.</li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>■ ZP1 (products containing cement, low-chromate)</li><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 (concreteste 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.