

## Bonding bridge H 4

**Mineral bonding bridge for rigid bonding to cement-bound subsurfaces with normally hardening mineral coatings. For outdoor and indoor applications.**

<b>Technical information</b>	
Compressive strength:	> 30 N/mm <sup>2</sup>
Grain size:	0 to 4 mm
Processing time:	Approximately 45 minutes
Processing temperature:	+ 5 °C to + 30°C
Water required:	Approximately 5.5 l to each 25 kg of dry material
Mixing time:	Approximately 3 minutes
Yield:	Approximately 14.5 l from each 25 kg of dry material
Quantities required:	Approx. 2.5 kg/m <sup>2</sup>
Storage:	Store appropriately in dry conditions
Delivery form:	25 kg sack
Colour:	Reddish brown

### Properties:

- Mineral
- Normally hardening
- Easy to mix
- Improves bonding to the subsurface
- Equalises any inhomogeneous absorbency characteristics of the subsurface
- Coloured reddish brown for visual inspection purposes

### Applications:

- For outdoor and indoor applications
- For wall and floor areas
- As a bonding bridge on mineral subsurfaces and terrazzo to bond subsequent mineral coatings, such as quick-mix ZE 04 Fine Cement Screed, RE 50 Renovating Screed, RA 20 Renovating Filler, SZE Fast-setting Cement Screed, or RSP Quick Renovating Plaster
- For all applications where a strong bond and frictional connection are required between the subsurface and subsequent coating, screed, or plaster, etc.

### Quality and safety:

- Binder in accordance with DIN EN 197
- Quartziferous aggregates in accordance with DIN EN 13139
- Materials class A 1 - incombustible

- Can be stored for at least 12 months if kept properly in dry conditions
- Low chromate in accordance with TRGS 613

**Subsurface:**

The subsurface must be load-bearing, clean and free of any cracks, impurities and intermediate layers of any sort (e.g. paint, or oil, etc.). Wet the subsurface to make it slightly damp before applying, but avoid creating puddles.

**Processing:**

Mix the contents of the sack (25 kg) with approximately 5.5 litres of clean water, using appropriate mixing tools, until the mixture is free of lumps. Apply the bonding bridge to the subsurface using a hard brush. Apply the subsequent coating of quick-mix ZE 04 Fine Cement Screed "wet in wet" while the bonding bridge is still soft. For coatings using RE 50 Renovating Screed, RA 20 Renovating Filler, SZE Fast-setting Cement Screed, or RSP Quick Renovating Plaster, allow the bonding bridge to dry first for approximately 24 hours.

The freshly mixed bonding bridge remains usable for up to 45 minutes. Do not mix more material than you are able to apply within this processing period. Construct expansion and/or movement joints along the same lines as those in the subsurface.

The finished coating must be protected from unfavourable weather conditions and from drying out too quickly, (due to draughts, high temperatures and direct sunlight, etc.), by re-wetting and covering with plastic sheeting. The provisions of DIN 1045 apply. Do not process at air and subsurface temperatures below +5°C or above +30°C.

**Quantities required:**

One sack (25 kg) of bonding bridge produces approximately 14.5 litres of fresh mortar. The quantity required depends on the properties of the subsurface and on the thickness of the applied layer. As a guideline, 2.5 kg of dry material is required per m<sup>2</sup>.

**Storage:**

Store appropriately in dry conditions.

**Notes:**

The technical details are valid at 20°C and 65% relative humidity.

No additives may be used. Mortar that is already developing rigidity may not be further diluted with water.

This product contains cement and 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. See also the information printed on the sack.



The information provided is based on extensive tests and practical experience. It does not apply to every application situation. For this reason we recommend that you carry out a trial if necessary. Subject to technical alterations within the framework of further development. Our general terms and conditions apply.

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Further information is available from:  
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