



QUICK PICK

HIGH-PERFORMING
BONDING BRIDGE

TECHNICAL DATA SHEET Page 1/2

QUICKPICK additively complies with the measures of the AgBB scheme as well as the DIBT additive principles. It was tested by the Institute for Building Biology in Rosenheim and certified to be environmentally compatible building materials, classified in emission class A+ as virtually emission-free.



APPLICATION AREA

- For the production of concrete combined screed of all strength classes on concrete or screed
- For permanent combined screed with reliable and extremely strong adhesion

PROPERTIES

- Significantly improved adhesion properties
- Effectiveness virtually regardless of temperature and weather conditions
- High energy and savings potential
- For indoor and outdoor use

Recommended dosage for a 200-liter mixture (observe initial and/or mandatory inspection as per standard compliance)

Cement in kg	Water addition in liters	QUICKPICK in ml
25	9 - 12	500

Cement: CEM I or CEM II cement after approval by e-4 GmbH

Avoid drying of the adhesive slurries on the substrate at all cost (cannot be used otherwise)

CONSTRUCTION CLIMATIC CONDITIONS

- Ensure preparation of the construction site and construction climatic conditions pursuant to DIN 18560
- Protection from rain, draft and direct sun exposure while the adhesive slurries are applied

SCREED CURING

- Freshly laid screed/special screed may not be covered during the curing process. Not even parts may be covered with building materials, such as gypsum boards - this will delay the curing process and lead to false results in the moisture measurement

MIXING

- Fill approx. 9-12 liters of water with 500 ml QUICKPICK into the mixing container, then add a bag of cement, mix together, and add water until mass has turned into ductile, mush-like slurry (not liquid, watery)

PROCESSING INFORMATION

- Shake well before use
- Brush bonding bridge onto the prepared substrates using a broom (street broom)
- The mixed adhesive slurries should not discharge excess water and must be immediately used after mixing
- Avoid excess water on the adhesive slurries and the formation of puddles on the substrate
- Adhesive slurries may never dry off before applying the screed
- Screed must be laid wet in wet onto the previously applied adhesive slurries
- The processing time will be shorter at high temperatures or with highly absorbent substrates
- Select a smaller area to be processed accordingly (approx. 10 m²)
- The mixing duration is min. 3 minutes after addition of all components
- At temperatures below 5°C, the binding process of the binding agent will be delayed or completely interrupted (hydration and stability standstill)
- No additives of other manufacturers may be used when adding our products
- All e-4 products are compatible with each other

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SUBSTRATE PREPARATION

- For screed/concrete substrates for combined screed, the concrete must comply with DIN 1045-2 or the screed with DIN 18560. The screed/concrete substrate must be properly established and possibly completely compacted and post-treated.
- Before application of the bonding bridge, the substrate must be inspected for potentially absorbent or non-absorbent capacity (water drop test) and comply with concrete of strength class C25/30 as per DIN EN 206-1/DIN 1045-2 in terms of strength properties.
- The substrates must be free of any removable coatings, clean and absorbent. Any removable layers must be removed using shot blasting, sanding, bush hammering, high-pressure cleaning or milling. After rough cleaning, it is recommended to perform a fine cleaning using a high-pressure water jet and vacuuming waste water using a wet or dry vacuum.
- We hereby expressly inform you of the importance of sufficient substrate preparation (shot blasting, sanding or milling) of the concrete boundary zone. For screed or floating screed, sanding or bush hammering is recommended.
- In case of contamination with oil/chemicals, the surface must be removed down a clean screed/concrete layer. In case of doubt, we recommend a separate test of the surface adhesive tensile strength.

STARTING MATERIALS

- The cement used for the bonding bridge must correspond to the cement used for screed laying
- Cement: CEM I or all CEM II cement kinds approved by e-4 GmbH
- When using our ternary quick cement SUPERMIX 2K or SUPERMIX WEISS for the screed, they must be used for the bonding bridge as well
- Water addition according to general dosage
- QUICKPICK according to general dosage

SAFETY INFORMATION

- General industrial hygiene must be observed when using our e-4 products.
- e-4 GREENLINE products have been tested for environmental compatibility by an independent institute and can be used without concern any time

STANDARDS AND INSPECTION PROVISIONS

- All relevant standards, provisions and crafts regulations apply
- EN 13813, DIN 18353
- DIN 18560, screed in construction
- DIN EN 13139, aggregate of mortar
- DIN EN 197-1, cement Part 1: Composition, requirements and conformity criteria of cement
- BEB info sheet surface tensile strength and adhesive tensile strength of floors
- BEB (2002) info sheet, assessment of substrates
- AGI work sheet A12 Part 1
- DIN 1045-2, Section 6 (standards for concrete)
- DIN 1045-3, Section 8 (conformity check for concrete)

Please note: The English translation is based on the German original. The translated version of the German data sheets is a courtesy translation and for informational purposes only. In case of dispute, controversy or inconsistency between the German version and the version in another language the German version is binding in accordance with the legal provisions. The German version is available on our website or will be sent upon written request.

Our information is based on our current experiences and developments which is why offer a warranty for the flawless quality of our products. However, we cannot assume responsibility for the success of the work performed by you because different conditions at constructions sites, laying techniques and construction implementations do not result in legal liability. We recommend creating a trial area for individual situations. Moreover, our General Terms and Conditions apply. With the publication of this technical data sheet, any previous versions are no longer valid.

Color: blue
Form: liquid
Form of delivery: Canister 10 kg net

Shelf life: min. 1 year, store protected from sunlight and frost
Processing temperature: from +5°C to +30°C