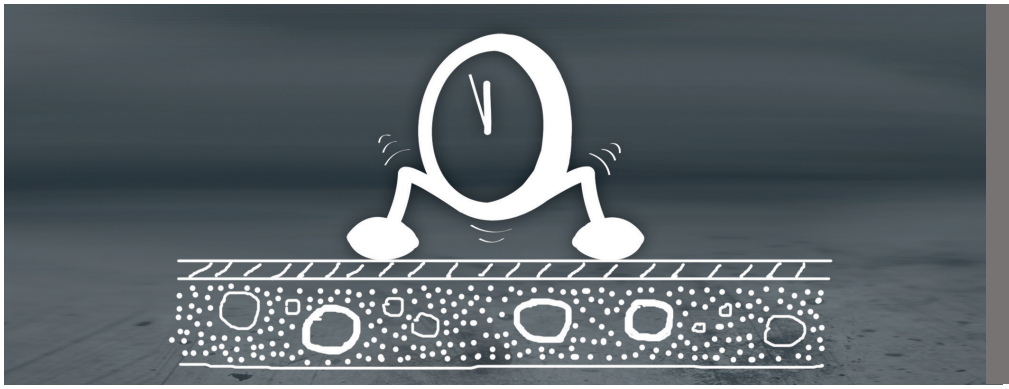

QUICK BALANCE

STYROFOAM-
LEVELING FILL

TECHNICAL DATA SHEET

STYROFOAM-LEVELING FILL

QUICKBALANCE 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 quick-drying leveling in residential and industrial construction (without special requirements in terms of sound and heat insulation properties)
- Seamless embedding of piping and installation components on raw ceilings
- Suitable for damp rooms, such as showers and bathrooms

PROPERTIES

- Effectiveness virtually regardless of temperature and weather conditions (observe dosage)
- No offcut or waste
- High energy and savings potential
- Significantly shorter curing and drying times

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

Ready for laying in days	Styrofoam granulate in liters	Cement in kg	Water share in liters	QUICKBALANCE in ml
2 - 3	200	37,50	14 - 15	300
2 - 3	200	50	19 - 20	350

- Layer thickness of 40-180 mm; if higher layer thickness is required, add it after achieving the residual moisture during a second work step
- Resilient for walking after 24 hours (depending on the temperature)
- The Styrofoam leveling fill is ready for screed laying 48 hours after completion, depending on the normative climatic conditions. The drying period will be longer as of a screed thickness of 180 mm
- Connections, rising building components and wooden substructures must be protected using marginal strips, foil or a suitable covering
- Separate leveling fill using separating foil (steam brake or barrier) from the following works screed, type and mode of attachment will be determined by the client and/or the building planner

CONSTRUCTION CLIMATIC CONDITIONS

- Note construction site preparation as per DIN 18560
- Protection from rain, draft and direct sun exposure during the hydration phase
- Normative climatic conditions are a precondition for the screed quality in curing and stability
- Air draft must be prevented; sufficient air exchange must be ensured (shock ventilation 4 times daily for 20 minutes)

SCREED CURING

- Freshly laid Styrofoam fillings may not be covered during the curing process. The screed may not partially covered with building materials, such as gypsum boards - this will delay the curing process and lead to false results in the moisture measurement

PROCESSING INFORMATION

- Shake well before use
- Fill screed pump with 200 liters of Styrofoam granulate, add approx. 10 liters of water and QUICKBALANCE (according to general dosage), add 37.50 kg or 50 kg of cement (depending on stability) and add the remaining water (depending on the mixture)
- The mixing duration is approx. 2 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

STARTING MATERIALS

- Cement: CEM I or all CEM II cement kinds approved by e-4 GmbH
- Water: Addition according to general dosage
- Styrofoam granulate 200 liters
- QUICKBALANCE 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

- DIN 18560, screed in construction
- DIN EN 197-1, cement Part 1: Composition, requirements and conformity criteria of cement

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.

Color: brown
Form: liquid
Form of delivery: Canister 20 kg net

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