



Baumit SpeedFill

Product: Fast setting pre-mixed lightweight insulating mortar for rapid repair of voids and patching in of plaster/render. Suitable for manual and machine processing.

Composition: Quick-setting special cement, hydrated lime, lightweight aggregate, Additives.

Characteristics: Insulating, water absorption inhibiting super lightweight mortar with low capillary conduction and high vapour permeability. Fast curing, dressing and binding. Unique formulation gives exceptionally low shrinkage and allows void filling up to 15cm deep in one application. Enables reduced drying times prior to finish application.

Areas of application in masonry and renovation:

- Quick filling cavities, voids and indentations of all kinds
- Filling service chases
- Mucking in pipe penetrations,
- Patching in and repair work for plaster / render
- Quick repair mortar for window installation work with exemplary acoustic performance

Technical Data:

Standard Classification:	CS II according to EN 998-1
Compressive strength at 28 days:	≥ 1.1 N / mm ²
Largest grain:	3 mm
Dry bulk density:	c. 400 kg / m ³
Thermal conductivity λ:	c. 0.12WmK
μ-value:	c. 8
Fire rating:	EI 180 in system with 15 mm finishing plaster/render
Water requirement:	9-11 litres / bag
Yield:	c. 50 litres / bag
Mixing time:	3 minutes
Processing time:	5-10 minutes depending on weather conditions
Setting time:	c. 5 - 10 minutes depending on weather conditions
Max thickness single layer:	15 cm

Classification: For a detailed classification according to the Chemicals Act, please refer to the material safety data sheet (in accordance with Article 31 and Appendix II of Regulation No. 1907/2006 of the European Parliament and Council from 18.12.2006) under www.baumit.com or request the relevant safety data sheet from the relevant manufacturing plant

Storage: Store dry, off ground & on pallets = shelf life of 6 months from date of manufacture in original unopened bags.

Quality Assurance: In-house monitoring through our own laboratories pursuant to ÖNORM EN 998-1.

- Packaging:** 50 litre sack, (c.14kg) - 1 Pal. = 50 bags = 2.5 m³
- Substrate:** Examination of the substrate according to the guidelines of ÖNORM B 3346. The substrate must be frost and dust-free, non-water repellent, free of efflorescence and loose particles, sound and structurally stable. **SpeedFill** is not suitable for application onto gypsum or gypsum based products. Pipes and profiles should be additionally fixed with quick-setting cement products (eg Baumit **SpeedFix**). Wet highly absorbent substrates with water prior to application.

Application:

- 1. Manually:** Provide most of the water and whisk (about 3 min.) in a clean bucket with no residual mortar, and free of gypsum residue. Mix until to a fluffy, creamy consistency. Apply immediately with a trowel to the desired thickness, if necessary wet on wet. If necessary press into cavities with a suitable tool to ensure comprehensive filling occurs. Do not re-mix mortar that has stiffened (short working time of 10 minutes only)
- 2. Machine:** Standard spray machines such as PFT G4 or similar, ensuring no residues left in filter bags (esp. gypsum). Apply in beads to the desired thickness wet on wet if required. Maximum work breaks of 10 minutes in cool weather and 5 minutes in summer due to fast setting time. Hoses must be cleaned for longer breaks in processing.

Do not mix additional products with **SpeedFill**

Curing:

SpeedFill begins to stiffen immediately and is solid after 5 hours. Protect from drying out too rapidly to ensure sufficient hardening and carbonation: At least 2 days of high humidity, with intermittent misting if necessary. See fresh on fresh dubbing out for exception to curing times/process. If used as backing for lime or lime/cement finish plasters, and lime/cement-based levelling compounds: at least 7 days curing time required for full thickness. For gypsum plasters: at least 21 days curing required.

Following initial set, prepare Speedfill in the following ways, according to required finish:

1. Finishing with plasters (eg Baumit RK70, KP36W): **SpeedFill** is rubbed back to a flat surface following initial stiffening (5hrs) with a batten or board.
2. Finishing with Baumit Klimaglatte or gypsum skim: Following initial setting, cut back until surface is crumbling and trowel surface flat while applying pressure. Avoid excessive misting of the surface at this stage. This could result in a weakened surface.

Use of Baumit **SpeedFill** with full curing times as above will minimise the likelihood of surface cracking of the finish, but such cracking can never be entirely ruled out.

Fresh on Fresh application: A wet on wet application is possible. In this case, the recommended post-application procedure is not possible (2 days controlled humidity followed by full curing). This approach carries an increased risk of hairline cracks. Do not use this approach if coating directly with gypsum finish plaster.

General Application guidance: The air, material and base temperature during processing and curing must be more than 5 °C. Layer thicknesses up to 15 cm applied in one layer, should only be applied at temperatures + 10 °C (multiple layer application required below + 10 °C for significant voids (>50mm). A layer of plaster in the form of a conventional plaster (lime / cement plaster, etc.) should be considered prior to tiling.

There are no known incompatibilities of the material with auxiliary building materials such as silicone, PU foam etc.