

RAPID-SETTING MORTAR

B1 RAPID-SETTING MORTAR

TEST CERTIFICATES AND SUPPORTING DOCUMENTS

- › Company certification acc. to DIN EN ISO 9001:2015

PROPERTIES

- › Rapid-setting mortar for infilling and all types of repairs (processing time approx. 30 sec)
- › Extremely easy to use, only requires mixing with water
- › Plastic, highly malleable mass, which can be loaded after just a few minutes
- › An indispensable installation aid for all fitters and construction specialists
- › High early strength
- › Cement-bound without blooming and corrosion damage to iron parts
- › Impermeable to water, largely impervious to oil, inhibits corrosion at the same time
- › Complies with the requirements of building material class A1 (non-combustible) as specified under decision 2000/605/EC of the European Commission dated September 26, 2000 (published in the official journal L258)

AREAS OF APPLICATION

- › Fillings of anchorings, gate mounting parts, railings, iron ties, machine components, steel supports etc.
- › Sealing of water inrushes
- › Resealing and filling of holes
- › Filling of cavities in tiling works
- › Infilling of holes in installation works of any kind as they occur with locksmiths, electricians, bricklayers, painters and fitters
- › Sealing surface of cracks in masonry or concrete, for the filling of cracks filled with crack filling materials

TECHNICAL DATA

TYPE	B1		
Compressive strength*	1 h	N/mm ²	≥ 2.5
	24 h	N/mm ²	≥ 30
	7 d	N/mm ²	≥ 40
	28 d	N/mm ²	≥ 55
Amount of water	max.	%	30
Processing time approx.		sec	30

* DIN EN 196-1-compliant compressive strength testing

Note: All fresh and solid mortars are tested at 20 °C ± 2 °C. Higher or lower temperatures result in deviating properties of fresh respectively solid mortars and test results. Depending on the temperature, the consistency can be adapted with a slight reduction of the mixing water.

Storage: 12 months. Cool, dry, free from frost. Unopened in its original container.

Delivery form: 15-kg bucket

Hazard class: Non-dangerous goods, observe information on packaging.

PAGEL® PRODUCT COMPOSITION:

Cement: acc. to DIN EN 197-1
 Aggregate: acc. to DIN EN 12620
 Additions: acc. to DIN EN 450, general building inspection approval (abZ), DIN EN 13263 (fly ash, microsilica, etc.)

PROCESSING

SUBSTRATE PREPARATION:

Clean thoroughly, remove loose and unsound material as well as cement slurries; prewet adequately.

MIXING:

Thoroughly mix the mortar in a mixing bowl. Mixing time approx. 30 seconds.

APPLICATION:

Apply **B1** Rapid-setting mortar immediately after mixing

Temperature range:

+5 °C to +35 °C

Mixing water:

Drinking water quality

Chisel out difficult places of repair dovetailed. In the event of a water breakthrough, the mortar plug should be pressed firmly into the opening and pressed in for approx. 3 minutes.

The information provided in this leaflet, application instructions and other recommendations are based on extensive research and experience. They are, however, not binding, in particular with regard to third party proprietary rights, and do not relieve the customer of his responsibility to verify that the products and processes are suitable for the intended application. The indicated test data are mean values and average analyses. Deviations are possible when delivery takes place. Recommendations that differ from those provided in this leaflet require written confirmation. Planners and operators are responsible for ensuring that this leaflet is the latest edition and for obtaining information on the latest technological developments. Our customer service staff will be happy to answer your questions at any time. Many thanks for your interest in our products. This technical data sheet supersedes all previously issued product information. Please visit our website for the latest valid version of this brochure at www.pagel.com.