



Betofix HB [basic]

Mineral-based bonding layer

Colour	Availability	
	Quantity per pallet	42
	Size / Quantity	25 kg
	Type of container	PE bag
	Container code	25
	Art. no.	
grey	1082	■

Application rate Approx. 1.1 kg/m² per coat



Range of use

- Interior and exterior use
- Bonding layer on mineral building material surfaces



Property profile

- Plastic-modified
- High tensile adhesion strength
- Certified in accordance with DIN EN 1504-3

Characteristic data of the product

Bulk density	Approx. 1.5 kg/dm ³
Water requirement	5.0-5.5 l/25 kg
Bond strength (28 d)	> 1.5 N/mm ²

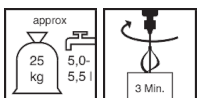
The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Possible system products ➤ **Betofix R4 EM [basic] (1086)**

Preparation

- Substrate preparation
Concrete surface:
Stable, clean, dust-free
Observe the applicable technical regulations for the following parameters:
- Adhesive pull strength of the substrate
- Minimum roughness/roughness depth
Pre-wet the substrate so that it is slightly moist.
The substrate must have an average pull-off strength of at least 1.5 N/mm²

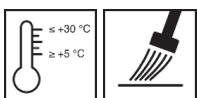
Production of the mixture



- Mixing
Prepare water, add dry mortar and mix until homogeneous.


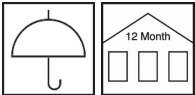

Mixing time: approx. 3 minutes

Directions



- Conditions for use
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.
Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
- Working time (+20 °C)



	Approx. 60 minutes												
	Working time (+20 °C): Approx. 60 minutes												
	Apply the material to slightly damp surfaces. Follow-up work must be carried out wet on wet.												
Notes	The mixing water must be of drinking water quality. The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity. Deviations from applicable regulations must be agreed separately. The relevant test certificates must be observed when planning and carrying out work.												
Tools / Cleaning 	Mixing tool, trowel, wide brush, paintbrush, slurry broom Clean tools with water while the material is still fresh. Remmers tools ➤ Mischgefäß (4030) ➤ Collomix® Stirrer KR (4292) ➤ Flächenstreicher (4540) ➤ Heizkörperpinsel (4541)												
Storage / Shelf life 	If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.												
Safety data / Regulations	For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.												
Disposal	Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.												
Declaration of conformity	 Remmers GmbH Bernhard-Remmers-Str. 13, D – 49624 Lönningen 15 GBI P 8-1 EN 1504-3: 2005 1082 Product for non structural repair for concrete <table><tr><td>Compressive strength:</td><td>class R2</td></tr><tr><td>Chloride ion content:</td><td>≤ 0.05 %</td></tr><tr><td>Adhesive bond:</td><td>≥ 0.8 MPa</td></tr><tr><td>Restrained shrinkage/expansion:</td><td>≥ 0.8 MPa</td></tr><tr><td>Carbonation resistance:</td><td>NPD</td></tr><tr><td>Reaction to fire:</td><td>class A1</td></tr></table>	Compressive strength:	class R2	Chloride ion content:	≤ 0.05 %	Adhesive bond:	≥ 0.8 MPa	Restrained shrinkage/expansion:	≥ 0.8 MPa	Carbonation resistance:	NPD	Reaction to fire:	class A1
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Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.