

PRODUCT PROPERTIES

- Cement-bond, only to be mixed with water
- Easy to spread by brush and as slurry
- Application on floor areas also by spraying
- Sulphate-compatible binder
- Short overcoating time
- Also suitable for drinking water areas
- Certification in accordance with DVGW-leaflet W 347 and W 270

AREAS OF APPLICATION

- Bond coat for concrete replacement systems and cement-bound coatings in drinking water areas, in wastewater areas and for repair of new and old structures in civil engineering and industrial facilities
- Certified according to EN 1504 part 3 for principle 3, procedure 3.1

APPLICATION ADVICE

Substrate Preparation: See leaflet “General Application Advice for Coarse Mortars / Concrete Replacement Systems”.

Mixing: Nafufill BC is added to the prepared water under constant stirring and mixed until a homogeneous and lump-free mortar with an easy-to-spread consistency is achieved. Mixing takes at least 3 minutes. Use slowly rotating mixers.

Mixing Ratio: Please refer to the “Technical Data” table. For a 20 kg bag of Nafufill BC approx. 3.2 to 3.4 litres of water are required. As with other cement-bound products the quantity of added water may vary.

Application: Before application of Nafufill BC the substrate must be pre-wetted. Highly absorbent substrates must be pre-wetted repeatedly. Nafufill BC must then be brushed thoroughly into the slightly damp, non-saturated, substrate. If applied onto horizontal areas ponding is not permitted and must be avoided. Do not pre-wet a larger area than can be overworked fresh-in-fresh. Short-bristled brushes are suitable for application. If the time until overcoating with the indicated products is exceeded, the bond coat may be overcoated with Nafufill BC. If used for horizontal/floor application Nafufill BC may also be applied by spraying, using a worm pump with a discharge flow of < 1 litres per minute. If the bonding coat is applied in such a way it must be worked in subsequently, using brushes.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	100 : 16 - 17	powder component: water
Working time	minutes	75	at 5°C
		60	at 10°C
		45	at 20°C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	g/m ²		depending on condition of substrate
		1,000	factory-dried mortar
Fresh mortar bulk density	kg/dm ³	2.18	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Form	pulverous
Delivery form	20 kg bag
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.
Packaging disposal	Make sure single-use containers are completely empty.

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2200011313]