

Nafufill F 82 XX

Fine mortar for scratch coats



PRODUCT PROPERTIES

- Two-component, polymer-modified
- Application by hand and wet spraying technique
- Soft, easy spread adjustment to achieve rounded concrete surfaces
- Good tolerance of changes in layer-thickness, therefore suitable for edges, disruptions and cavities
- Class R2 according to EN 1504 part 3

AREAS OF APPLICATION

- PCC fine filler for non-accessible and non-driven-on areas of new or existing structures, especially constructions erected in sliding formwork or climbing formwork, e.g. concrete chimneys, cooling towers, bunker, stair and telecommunication towers as well as silos
- Closing of pores, cavities and surface roughness
- Certified according to EN 1504 part 3 for principle 3, procedure 3.1 and 3.3

APPLICATION ADVICE

Substrate Preparation: See information leaflet "General Handling Information Fine Fillers".

Mixing: Nafufill F 82 XX is poured into the prepared starter liquid, consisting of Nafufill BB 2 and water, under constant stirring and mixed until a homogenous, lump-free and processable fine mortar is achieved. Forced action mixers or slowly rotating double agitators must be used for mixing. Mixing by hand and preparation of partial quantities is not allowed. Mixing takes at least 2 minutes.

Mixing Ratio: Please refer to the "Technical Data" table. For a 25 kg bag of Nafufill F 82 XX approx. 5.00 to 5.50 litres of starter liquid are required. As with other cement-bound products the quantity of added water may vary.

Application: Nafufill F 82 XX can be applied with trowels, floats and other tools, especially foam rubber-covered steel floats. It must be applied in a way that a cohesive softly rounded surface texture is achieved. Pores and cavities must be closed. The surface does not necessarily have to be level. If Nafufill F 82 XX is sprayed on the layer must be worked in.

Overcoating Intervals: Fillings with Nafufill F 82 XX are designed for use under subsequent coatings with MC-DUR 1277 WV and MC-DUR VS NR3. When applying these materials at temperatures between + 10 °C and + 35 °C the minimal overcoating intervals must be observed. See the table "Technical Data". The intervals are necessary to achieve a proper bonding.

Further Information: See information leaflet "General Handling Information Fine Fillers".

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing liquid	p.b.w.	1 : 1.5	Make-up liquid : Water
Maximum grain size	mm	0.3	
Mixing ratio	p.b.w. kg l	100 : 20 - 22	powder component : liquid powder component liquid component water
Working time	minutes	30	at 5° C
		30	at 20 °C
		20	at 30 °C
Application conditions	°C	≥ 5 ≤ 35	Temperatura del aire, soporte y material
Consumption 1)	kg/m ² /mm		
Dry mortar		1.708	
Liquid component		0.137	
Compressive strength	N/mm ²		
28 d		30	
Fresh mortar bulk density	kg/dm ³	2.05	
Overworking time	days	3	Nafufill F 82 XX / MC-DUR 1277 WV
		1 - 3	MC-DUR 1277 WV / MC-DUR VS NR3
		1 - 3	MC-DUR VS NR3 / MC-DUR VS NR3

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

1) with a mixing ratio of 100 : 20

Colour	Cement grey
Delivery form	25 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.

GISCODE : ZP1

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. [2400020914]