

PRODUCT PROPERTIES

- ECC fine filler for cement-bound substrates
- Easy application
- Processing by hand and spray application
- Only less curing required
- Can be overworked quickly with reactive resins
- Starter liquid MC-Additiv EC

AREAS OF APPLICATION

- Scratch and leveling coats
- Full area coating up to a layer thickness of 6 mm
- Protects against back-bearing moisture penetration from a layer thickness of 3 mm
- ECC fine filler for non-accessible and non driven-on areas, both interior and exterior, especially suitable as filling under coats containing reactive resins
- Certified according to EN 1504 part 3 for principle 3, procedure 3.1 and 3.3

APPLICATION ADVICE

Substrate Preparation: See leaflet “General Application Advice Fine Fillers”.

Pre-wetting/Priming: Before application of Nafufill EC 6 the substrate must be pre-wetted. It should be matt-moist but not saturated. There must be no water caught in pores and blow holes. Highly absorbent substrates or substrates with open pores must be primed with MC-Additiv EC. Do not apply in excess. Begin application of Nafufill EC 6 when the substrate is matt-moist but still sticky.

Mixing: The ECC-finefiller consists of the powder compo-nent Nafufill EC 6 and MC-Additiv EC. MC-Additiv EC consists of two components, base and hardener, which are delivered in prepacked quantities. Before application the two components must be mixed with slowly rotating mixer. Nafufill EC 6 is added to the prepared starter-liquid under constant stirring and mixed until a homogenous, lump-free and workable fine filler is achieved. Forced action mixers or slowly rotating double mixers must be used for mixing. Mixing by hand and preparation of partial quantities is not allowed. Mixing takes at least 5 minutes.

Mixing Ratio: Please refer to the “Technical Data” table. For a 20 kg bag of Nafufill EC 6 approx. 5.0 kg of ready-to-use MC-Additiv EC are required. As with other cement-bound products the quantity of added liquid may vary. Water must not be added.

Application: Nafufill EC 6 is applied by hand. If used as a scratch- and surface-filler a trowel and steel float should be used, for pore- and cavity-filling a hard rubber smoothing trowel is suitable.

Finishing: To achieve a smooth and grout-free surface sub-sequently smooth the coating and finish with a dry sponge board.

General Information: See leaflet “General Application Advice Fine Fillers”.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	0.3	
Mixing ratio	p.b.w.	100 : 25	powder component : liquid
Working time	minutes	30	at 5°C
		20	at 20°C
		15	at 30°C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
	%	≤ 85	rel. humidity
	K	3	above dew point
Consumption ¹⁾	kg/m ² /mm		
As a skim coat		1.9	
As a scratch coat		1 - 1.5	
As a pore and blowhole filler		1 - 1.5	
Flexural strength	N/mm ²		
7 d		3.7	
28 d		5.3	
Compressive strength	N/mm ²		
7 d		25	
28 d		37	
Layer thickness	mm	1	minimum layer thickness per pass/operation
		3	maximum layer thickness per pass/operation
		6	maximum total layer thickness
Fresh mortar bulk density	kg/dm ³	1.9	
Overworkable after	hours	1	1st step / 2nd step
Overcoatable after	hours		at 20°C and <85% rel. humidity
		24	with solvent-based reactive resin

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

1) The consumption values will depend on the actual job conditions

Colour shade	Cement grey
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. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.

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. [2200006290]