# Nafufill KM 106 AE

## Fine Filler for Concrete Cosmetics

### Product Properties

- Polymer modified
- Can be applied up to 6 mm thickness in a single application
- Suitable for overhead application.
- Sprayable with a suitable machine (please ask for technical advice)
- Ready to use – just mix with water

### Areas of Application

- For full surface repairs on the concrete and exposed concrete.
- For fine filing and repairs on precast concrete components

### Application

**Substrate Preparation / Mixing**
Please refer to the datasheet “General Application Advice for fine and superfine fillers”.

**Mixing**
**Nafufill KM 106 AE** is poured into the measured water and stirred with a slow-rotating agitator until it has a lump-free, workable consistency. Lower temperatures slow the curing process, while higher temperatures accelerate it. Lower temperatures slow the curing process, while higher temperatures accelerate it.

**Pre-wetting**
The substrate has to be pre-wetted so that it is semidry yet still absorptive. When applying to very uneven surfaces, honey-comb, etc. the moist substrate should be treated previously with Emcefix Spachtel G. Lower temperatures slow the curing process, while higher temperatures accelerate it.
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**Application**
**Nafufill KM 106 AE** must only be used if the substrate and surrounding temperatures are above +5 C°.For application use trowel, finishing trowel or MC-rubber float. Depending on the condition of the substrate, **Nafufill KM 106 AE** can be applied up to the total layer thickness of max. 6mm. to achieve an even and smooth surface, the filler should be re-profiled with the stated processing time, using the MC-Top Sponge.

**Further Information**
Colour changes may appear during processing. Use only little water for the after-treatment. The MC-Top Sponge should therefore only be cleaned with clean water during re-profiling. 90% of the excess water should be squeezed out. This prevents the formation of smears on the surface.

**After Treatment**
Colour changes may appear during processing. Use only little water for the after-treatment. The MC-Top Sponge should therefore only be cleaned with clean water during re-profiling. 90% of the excess water should be squeezed out. This prevents the formation of smears on the surface.

**MC-Bauchemie GmbH & Co. KG** • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 20 41-101 10 • Fax: +49 (0) 20 41-101 188
**MC-Bauchemie Middle East LLC** • Dubai, UAE • Tel. +971 (4) 8804429 • Fax: +971 (4) 8804439
info.uae@mc-bauchemie.com • www.mc-bauchemie.de

| Technical Data for Nafufill KM 106 AE | | | |
|---|---|---|---|
| **Characteristic** | **Unit** | **Value*** | **Comments** |
| Application Thickness | mm | 6 | |
| Processing Time | minutes | approx. 30 | |
| Consumption | Kg/m2 | 1.45 | Per mm layer thickness |
| Flexural Strength | N/mm2 | | at 23 °C and 50 % relative humidity |
| after 1 day | | 1.5 | |
| after 7 days | | 3.2 | |
| after 28 days | | 6.2 | |
| Compressive Strength | N/mm2 | | at 23 °C and 50 % relative humidity |
| after 1 day | | 5 | |
| after 7 days | | 12 | |
| after 28 days | | 18 | |
| Adhesive Tensile Strength | N/mm2 | | at 23 °C and 50 % relative humidity |
| after 7 days | | 0.8 | |
| after 28 days | | 1.1 | |
| Added Water | liter | 7.5 – 8.0 | Per 25 kg bag |

* All values refer to 23°C and 50% relative humidity.

| Product Characteristics for Product 106 AE | |
|---|---|
| Storage | Can be stored for at least 12 months in closed packs under frost-free and dry condition |
| Form of Delivery | 25 kg bags |
| Disposal | To protect our environment please empty the packs completely |

## Safety Advice

Please take notice of the health and safety information and advice given on the packaging labels and the safety data sheets.

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refer to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this date within the scope of our terms and conditions of sale-delivery- and -service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 11/22(PC). Some technical changes have been made to this information. Older editions are invalid and may not be used anymore. If a technically revised edition is issued, this edition becomes invalid.

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