

## Nafufill SF

### APPLICATION ADVICE

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**Substrate preparation old concrete:** All old concrete substrates to be coated must be tested for load-bearing capacity. The substrate must be clean and free from all loose particles, dust, oil and any other contaminants. Layers of reduced strength must generally be removed. Substrate preparation is to be adjusted to the existing substrate conditions. The surface tensile strength of the substrate must comply with the corresponding technical standards.

**Substrate preparation new concrete:** All new concrete substrates to be coated must be tested for load-bearing capacity. The substrate must be clean and free from all loose particles, dust, residues of mould release agents and any other contaminants. Thorough cleaning by steam blasting (cold water) is usually sufficient. Following substrate preparation the new concrete substrate must be appropriate for coating, especially with regard to existing mould release agents. Existing pores and blowholes in the new concrete should be opened by sweeping. The surface tensile strength of the substrate must comply with the corresponding technical standards.

**Substrate preparation other substrates:** If aerated lightweight concrete, sand-lime brick, cement or dispersion render substrates are to be coated with Nafufill SF, the substrate must be tested for load-bearing capacity prior to application. The substrate must be clean and free from all loose particles, dust and any other contaminants.

**Pre-wetting:** Before Nafufill SF is applied, the substrate must be pre-wetted thoroughly. Highly absorbent substrates must be pre-wetted several times. A closed film of water on the substrate, as well as water-filled pores and blowholes must be avoided. After pre-wetted the substrate must be allowed to dry only so far that it has a matt-moist surface before application of Nafufill SF. To fill only pores and blowholes in new concrete components with Nafufill SF, pre-wetting is not required.

**Curing:** Nafufill SF requires no curing if applied within the indicated temperature range.

**Special application advice Porefiller:** To seal pores and blowholes flush with the surface, Nafufill SF is to be applied in excess using a stainless steel float. As soon as Nafufill SF may be grinded, any excess material is to be removed down to the datum level of the substrate using a grinding grid. If pores and blowholes cannot be sealed in one work step, Nafufill SF is to be applied in two layers.

**Priming under Nafufill SF:** Priming is usually not required for the following substrates: old concrete, new concrete, sand-lime brick, aerated lightweight concrete, rendering and dispersion render. For reaction resin based coatings please ask for our technical advice.

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**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. [2300012921]