

Fine Fillers

APPLICATION ADVICE

Substrate Preparation: The substrate must be clean and free from all loose particles, dust, oil and other contaminants. Cement laitance must be removed completely. The grain structure of the substrate must be exposed. Pores and cavities must be opened and filled-in before the actual coating is applied. The surface tensile strength of the substrate must comply with the relevant technical regulations.

Pre-wetting: Before the fine filler 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 cavities must be avoided. After pre-wetting the substrate must be allowed to dry only so far that it has a matt-moist surface before the application of the fine-filler.

A super-saturation of the concrete substrate must be avoided to prevent formation of bubbles in the freshly laid fine-filler and to prevent bonding failure.

Application Conditions: The application time depends on climatic conditions. Material, which has begun to stiffen must not be mixed again and must not be used. Hardening fine fillers must also not be further smoothed to prevent the formation of cracks.

The minimum application temperatures for substrates, air and materials are + 5 °C. At temperatures below + 5 °C application must not continue. All necessary measures to prevent a drop below this temperature during the curing phase must be taken. Avoid application under direct exposure to the sun.

Pore- and Cavity-filling: A pore-and cavity-filling is used to close all existing pores and cavities locally. The texture or roughness level of the substrate should be maintained however. Preferred application-tool: hard rubber float.

Scratch Coat: A scratch coat is meant to even an overly rough surface above the grain tips. Existing pores and cavities are also closed. Preferred application-tool: steel float/trowel

Large Area Fine Filler: A large area fine filler application is used to create an entirely new layer on top of the grain tips. Depending on the requirements, the layer thickness can be several millimetres strong. Preferred application-tool: steel float/trowel.

Overcoating times: If the fine filler is applied in two or more layers, intervals must be observed between the individual work-steps. Please note the relevant information in the product data sheets.

Curing: The used finefillers must be protected against sun and wind to prevent it from drying out too quickly. If an early overcoating with suitable materials after 3 hours cannot be ensured, the curing time is at least 24 hours.

General Information: The indicated application conditions in the technical data sheets relate to material, substrate and air.

Anmerkung: 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. [999999999]