



General Application Advice

Fine Fillers

Application Guidelines

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.

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 refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data 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.

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