



General Application Advice

For fine and super fine fillers

Application Notes

Substrate Preparation

The substrate must be clean and free from all loose particles, dust, oil and other contaminants. Cement residues must be removed completely. The grain structure of the substrate must be exposed.

Cement residues on exposed concrete must be removed with Donnitil 3 X.

Pre-wetting

Before the fine or super 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, should be avoided. After the pre-wetting the substrate must be allowed to dry only so far that it has a matt-moist surface before applying the fine or super fine filler.

Saturation of the concrete substrate should be avoided to prevent formation of bubbles in the freshly laid filler.

Application Conditions

The application time depends on climatic conditions. Material, which has begun to stiffen must not be mixed again or applied. Smoothing already hardening fine or super fine filler must be avoided to prevent the formation of cracks.

The minimum application temperature for substrate, air and material is + 5 °C. At temperatures below + 5 °C the application should be stopped. All necessary measures should be taken to prevent a drop below this temperature during the curing phase.

Avoid application when exposed to direct sunlight.

Coarse fillings

Damaged areas, honeycombs, pores and the like have to be re-profiled with coarse fillers. Please refer to the data sheet "General Application Advice for coarse fillers".

Mixing

The fine and super fine filler is poured into the measured water and stirred with a slow rotation agitator until it has a lump free, workable consistency.

Application

For application use a trowel, float or rubber float MC-Top Rubber. To achieve an even and smooth surface, the filler should be finished within the stated processing time, using MC-Top Sponge

Colour changes may appear during processing!

Multiple layer application

If the filler is applied in several layers then intervals must be taken between the individual work steps. Please note the relevant information in the technical data sheet of the respective product.

After treatment

The used fine or super fine filler must be protected against sun and wind to prevent it from drying out too quickly. Surfaces treated with fine or super-fine fillers have to be protected from rain during the first days after application.

General Information

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

Lower temperatures slow down the curing process, while higher temperatures accelerate it.

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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