



# General Application Advice

## Zentrifix F 92

### Application Guidelines

#### Substrate preparation

All concrete areas that are to be coated must be inspected beforehand as to their load bearing capability. The substrate must be clean and free from all loose particles, dust, oil, grease, cement laitance and other contaminants. A substrate pull-off strength of  $\geq 1.5 \text{ N/mm}^2$  is required. Large pores, blow holes and surface roughness must be scratch-coated with a rigid fine filler before the polymer-cement base layer is applied. In order to achieve an overall uniform layer thickness, coverings must be formed in all inner corners and at profiles with angles  $< 140^\circ$ .

#### Pre-wetting

Zentrifix F 92 is applied onto dust-free and dry substrates. Therefore pre-wetting must not be carried out.

#### Mixing

Zentrifix F 92 consists of a powder and a liquid component. The powder component is poured into the liquid component and mixed until homogeneous, soft-plastic and lump-free. Basked mixer or rapidly rotating mixers are used for mixing.

Mixing by hand or mixing of partial quantities is not permitted. Mixing time is at least 2 minutes.

#### Application conditions

Application time depends on climatic conditions. Material which has begun to stiffen must not be mixed or used again. The freshly mixed material is to be protected against direct sun. The minimum application temperatures for substrates and air of  $+8^\circ\text{C}$  must be observed.

Within the first hours after application the temperature must not fall below  $+8^\circ\text{C}$ . Furthermore the polymer-cement coating must be protected from frost within the first 24 hours after application.

#### Layer thickness

When applied as system with the coverage rates given in the technical data sheet, and coating, a theoretical dry layer thickness of 2 mm is achieved under normal climatic conditions. Further layers may be applied, while the max. layer thickness must be observed.

Roughness depth surcharges as indicated in the 'Specifications for implementation' must be considered.

#### General information

As beyond chemical interlacing, also a physical film-forming / drying phase must be observed to achieve the product properties, the climatic limiting values indicated in the technical data sheet are valid not only during application but also during drying for at least 7 days.

Exposure to moisture during chemical / physical setting, e. g. due to thaw and rain or unsteady climate, retards the reaction phases and must be avoided.

Furthermore such exposure to moisture may cause bright discoloration on the surface. This might be seen as optical impairment, but is no technical defect.

Additional colour design with the products MC-Color Flex pure, MC-Color Flex pro or MC-Color Flex vision avoids this effect. Already existing discolorations must be removed. Other paints/coating materials as the above mentioned products are not suitable.

For application in areas which are temporarily or permanently exposed to water, please ask for our technical advice, as certain conditions must be observed.

**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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