

## Zentrifix F 92

### APPLICATION ADVICE

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**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. Baked 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 3 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.

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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. [2400021769]