

Zentrifix F 92

Crack-bridging polymer-cement-mixture

Product Properties

- Two-component, polymer-modified
- Temperature-resistant up to - 35 °C
- Open to water vapour diffusion, slows carbonation
- Resistant to frost-thaw and de-icing salts, chloride-proof
- Hand- and wet spray application, may be smoothed and finished, curing-free
- Resistant to roots in compliance with DIN 4062
- Approved as WHG-system
- Tested and approved in accordance with ZTV-W LB 219
- Tested and approved in accordance with DIN V 18026 as OS 5a and OS 5b system
- Low flammable, building material class C-s1, d0 according to EN 13501-1
- Certified in accordance with EN 1504 part 2

Areas of Application

- Surface protection system for structural and civil engineering
- Surface protection system for use in water conservation, e.g. for collecting trays for transformers
- Surface protection system for temporarily loaded water structures (drying time of Zentrifix F 92 until first exposure to water ≥ 7 days)
- Certified according to EN 1504 part 2 for principle 1, 2 and 8, procedure 1.3, 2.2 and 8.2
- REACH-assessed exposure scenarios: periodical inhalation, application

Application

Substrate Preparation

See leaflet "General Application Zentrifix F 92".

Mixing Ratio

Please refer to the "Technical Data" table.

Application

Zentrifix F 92 is applied in two work-steps, using trowels, floats, rubber squeegees or wet-spraying method. For spray-application use a spiral pump with a variably adjustable discharge flow. Please ask for our assistance or the equipment planner leaflet.

Priming

During the first work-step a primer is applied with a rubber squeegee. If such a coat is applied by spraying it must be worked into the substrate subsequently.

Coating

During the second work-step the coating is smoothed or sprayed onto the load-bearing primer coating with a layer thickness of 2 mm.

Finishing

To achieve a smooth surface the coating can be smoothed and finished with a wet, medium-hard sponge. The ideal time for this work-step depends on existing local climatic conditions. For especially high optical demands on the smoothness of the surface (e.g. undersides of balconies) the coating should be applied in two work-steps with a layer thickness of 1 mm each. When using the spraying method the surface may be left unfinished.

MC-Protective System F 92

If used in water protection the primer is followed by a first top coat with a coverage of approx. 3.2 kg/m². After an interval of at least 12 hours a second coat is applied with approx. 1.6 kg/m². The wet layer thickness is approx. 3 mm. Please consider the surface roughness of the substrate.



Technical Data for Zentrifix F 92

Characteristic	Unit	Value*	Comments
Fresh mortar density	kg/dm ³	approx. 1.60	
Crack-bridging category	- 20 °C	B 3.1	at 2,000 µm dry layer-thickness
Crack-bridging static	mm	approx. 1	at 2,000 µm dry layer-thickness
Diffusion resistance against water vapour	m	1.1	at 2,000 µm dry layer-thickness
Diffusion resistance against carbon dioxide	m	> 500	at 2,000 µm dry layer-thickness
Coverage (fresh mortar)**	g/m ² kg/m ²	600 - 800 approx. 3.2	base coat coating
Pot life	minutes	45 30 20	at + 8 °C at + 20 °C at + 30 °C
Overworking times	hours	12 1 12	levelling/base coat base coat/1st layer 1st layer/2nd layer
Layer thickness	mm	1 2 4	minimum layer thickness per work-step maximum layer thickness per work-step total layer thickness
Rain proof	hours	3 - 6	depending on weather
Drying time	days	≥ 7	application conditions to be observed
Application conditions	°C % K	≥ 8 - ≤ 30 ≤ 80 3	air, material and substrate temperature relative humidity above dew point
Mixing ratio	p. b. w.	100 : 60	pre-mixed dry mortar : liquid component

Product Characteristics for Zentrifix F 92

Delivery	25 kg bags (powder) 15 kg buckets (liquid)
Storage	Can be stored in cool (below 20 °C) and dry conditions for at least one year in original unopened packs. Protect from frost!
Disposal	Packs must be emptied completely.

* All values have been determined in the lab at + 23 °C and 50 % relative humidity.

** The coverage rates and theoretical dry layer thickness are standard values. Please observe the surface roughness surcharges indicated in the Application Advice.

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.

Edition 08/16. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.