

Zentrifix CR *finish*

Ready-to-use, crack-bridging polymer-quartz-mixture

Product Properties

- Water-based, up to 5 % of water can be added
- Weather- and UV-resistant
- Curing-free, matt drying
- Open to water vapour diffusion, slows carbonation
- Can be applied by roller, trowel or by spraying
- Certified in accordance with EN 1504 part 2

Areas of Application

- Suitable on concrete, lightweight concrete, porous lightweight concrete and existing coatings
- Suitable for structural engineering, building construction, industrial building and civil engineering
- Facades, balconies, loggias, attics etc.
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application
- Certified according to EN 1504 part 2 for principle 1, 2 and 8, procedure 1.3, 2.2 and 8.2

Application

Substrate Preparation

See leaflet "General Application Advice Surface Protection Systems"

Application

Zentrifix CR finish is ready-to-use and must be mixed thoroughly before application. Zentrifix CR finish is applied either using a short-piled paint roller, evenly and crosswise, a trowel or by spraying with a discharge flow of approx. 1 litre/minute. In case of spray application please observe the equipment planner leaflet or ask for our technical assistance.

Zentrifix CR finish must not be applied in case of rain, high humidity, frost or frost warnings. Freshly applied coats must be protected from dew, rain and frost. Avoid direct sunlight.

Standard Build-up

In the first work step a base coat is applied onto the prepared substrate with a hard rubber float. If the base coat is sprayed on it must be worked into the substrate. In the second work step a second layer of Zentrifix CR finish is sprayed or hand-applied onto the cured base coat. The finishing coat Zentrifix CR finish is to be diluted with 5 % water, mixed well and then rolled on. The minimum application quantities must be observed.

Scratch Coat (optional)

Zentrifix CR finish can also be used if existing pores, blow holes and surface roughness necessitate a scratch coat. For this Zentrifix CR finish must be filled up with quartz sand H 32, grain size 0.1 to 0.3 mm in parts by weight, mixing ratio 1:1. If such a scratch coat is applied it usually replaces the priming coat of the standard build-up.

Alternative System Build-Up's

See table: "Technical Data"

Finishing

Trowelled-on finished coats can be finished with a slightly moistened brush, while rubber or foam textured rollers should be used on rolled-on coats. The surfaces must be rolled and finished in one direction. Sprayed surfaces can remain rough or they can be finished with a brush.

Overcoating Times, Rain Proof

See table: "Technical Data"

General Information

Zentrifix CR finish is available in a large number of colour shades. Slight deviations from the MC-colour chart are possible.



Technical Data for Zentrifix CR finish

Characteristic	Unit	Value*	Comments
Density	kg/dm ³	1.53	-
Solid content	%	62	-
Diffusion resistance against water vapour	m	0.67	at 1260 µm dry layer thickness
against carbon dioxide	m	> 600	at 1140 µm dry layer thickness
Crack-bridging category acc. to DIN V 18026	- 20 °C	B2 to B3.1	depending on layer thickness
Crack-bridging, static	mm	approx. 1,0 approx. 1.4	at a layer thickness of 1.0 mm at a layer thickness of 1.5 mm
Coverage rates for standard build-up**	g/m ²	approx. 700 - 800 approx. 1,000 approx. 400	base coat intermediate layer top coat
Coverage rates for Type 1**	g/m ²	approx. 700 - 800 approx. 1,600	base coat top coat
Coverage rates for Type 2**	g/m ²	approx. 700 - 800 approx. 700 - 800 approx. 700 - 800	base coat 1. rolled-on coat 2. rolled-on coat
Overcoating times	hours	1 24	base coat/coating coating/coating
Rain proof	hours	approx. 24 to 48	depending on weather conditions
Application conditions	°C % K	≥ 8 - ≤ 30 ≤ 85 3	air, material and substrate temperature relative humidity above dew point

Product Characteristics for Zentrifix CR finish

Delivery	20 kg buckets
Storage	Can be stored for at least 24 months in original unopened packs. Keep dry and cool. Protect from frost!
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint standard)	RL2004/42/EG All/j (75/40 g/l) < 1 g/l VOC

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

** The coverage rates depend on the roughness and temperature of the substrate, as well as on the storage- and application temperatures. We recommend to lay sample areas to determine the object-specific coverage rates.

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 03/19. 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.