

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
- Registered with DGNB (Code: 299Q71)
- 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, 2.3 and 8.3

APPLICATION ADVICE

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 VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Application conditions	°C	≥ 5 ≤ 30	Temperatura del aire, soporte y material
	%	≤ 85	rel. humidity
	K	3	above dew point
Consumption (standard structure) ¹⁾	g/m ²		
1st base filler		approx. 700 - 800	
Intermediate layer		approx. 1,000	
Final coating		approx. 400	
Consumption (filler)	g/m ²		
1st base filler		approx. 700 - 800	
Final coating		approx. 1,600	
Consumption (roller coating)	g/m ²		
1st base filler		approx. 700 - 800	
1st roller coating		approx. 700 - 800	
2nd roller coating		700 - 800	
Solids volume	%	62	
Overworkable after	hours	1	basic filler / 1st layer
		24	1st layer / 2nd layer
Rain resistant after	hours	approx. 24 - 48	depending on temperature
Resistance to diffusion (against water vapour H ₂ O)	m	0.67	at 1260 µm dry layer thickness
Resistance to diffusion (against carbon dioxide CO ₂)	m	> 600	at 1140 µm dry layer thickness
Crack-bridging class		B4.1	at -20°C
Crack-bridging (static)	mm	approx. 1	at 1.0 mm dry layer thickness
		approx. 1.4	at 1.5 mm dry layer thickness

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

1) The consumption values depend on the impermeability, absorbency and type of substrate. To determine the object-specific consumption quantities, it is advisable to create test areas.

Delivery form	20 kg tub(s)
Storage	Can be stored in cool and dry conditions for at least 24 months in original unopened packs. Protect from frost.
Packaging disposal	Make sure single-use containers are completely empty.

GISCODE : BSW20

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. [2400021016]