



BE SURE. BUILD SURE.

Centricrete FB

Rigid Binding Cement Suspension

Product Properties

- Low-viscosity cement suspension
- Low chromate content
- Long pot life
- No change in volume during setting
- Restores alkalinity

Areas of Application

- Rigid filling of cracks, joints and voids in building construction and civil engineering under dry, damp and water-bearing conditions

Application

Preparation

Before injection is carried out, the structure's cracks and voids, respectively the leakage, have to be inspected according to technical standards and regulations, and an injection proposal is to be prepared.

Mixing

Centricrete FB consists of two components, component A (binder with additives), component B (Centricrete Additive) and water. These components must be mixed (for ratio see technical data table) in a fast rotating mixer until homogenous. A forced action mixer should be used for mixing. To achieve an optimal cement suspension the mixing should take at least 10 minutes. The standard pack (20 kg binding agent) allows the production of 32.4 kg \approx 19 l suspension for injection.

The pot life depends on the amount of mixed material and the surrounding temperature conditions present.

Injection

Centricrete FB should be injected with an injection-pump MC-I 910 (one-component pump).

For the injection MC-Schlagpacker are recommended.

Work must be stopped at temperatures below + 5 °C.

Cleaning

Within the pot life all equipment may be cleaned with water. Partially or completely cured material can only be removed mechanically.



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Technical Data for Centricrete FB

Characteristics	Unit	Value	Comments
Density	g/cm ³	1.7	ZTV-RISS 93, TP FG-ZL/ZS
Grinding Fineness	cm ² /g	~ 5,100	DIN EN 196 T6
Pouring Time (viscosity)	seconds	~ 50	DIN EN ISO 9514
Mixing Ratio	p.b.w	20 : 0.4 : 12	comp. A : comp. B : water
Pot life At 20 °C and 50 % Relative Humidity	minutes	~ 60	subject to permanent stirring or pumping
Min. Application Temperature	°C	+5	air, material & substrate temp.
Compressive Strength (DIN EN 196 T1) at 20 °C and 50 % Relative Humidity	N/mm ²	22 36 44	after 2 days after 7 days after 28 days
Flexural Strength (DIN EN 196 T1) at 20 °C and 50 % Relative Humidity	N/mm ²	3.0 3.7 4.0	after 2 days after 7 days after 28 days
Change in Volume (DIN EN 445) at 20 °C and 50 % Relative Humidity	%	~ +2	
Cleaning Agent			water

Product Characteristics for Centricrete FB

Colour	Grey
Packaging	Centricrete FB in 20 kg pack Centricrete Additive in 10 kg canister
Storage	Shelf-life is 12 months is kept unopened in cool and dry place at temperatures at temperatures between +5 °C and +25 °C. The same requirements are valid for transport.
Disposal	Packs must be emptied completely

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety information sheets.

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 observe 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 12/18. 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.