

MC-Additiv 4DS

(formerly Fluresit 4-DS)

Liquid accelerator for concrete cosmetic fillers



PRODUCT PROPERTIES

- Hardening accelerator for the adjustment of setting times of Emcefix and Nafuquick concrete cosmetic fillers
- Highly concentrated, soluble in water
- Chloride free
- Liquid
- Sealing
- No influence on concrete cosmetic colours

AREAS OF APPLICATION

- Accelerating of concrete cosmetic fillers
- Accelerating of mineral bonding agents for concrete cosmetics
- Accelerating of mortars for sealing of water leakages in concrete
- Sealing of water bearing cracks
- For underwater concreting
- For winter constructions

APPLICATION ADVICE

Description: MC-Additiv 4DS accelerates the setting of mortars. The product is used in civil engineering and is also suitable as an additive for mortars used in concrete cosmetics.

MC-Additiv 4DS can be used to seal off escaping water from areas of concrete. It is also suitable for stopping water leakage, as well as for sealing water-bearing cracks, joints and other damage in concrete surfaces.

Mixing: MC-Additiv 4DS should be added to the mixing water.

The degree of water dilution depends on the desired accelerating effect and should be determined in prior trial runs under the given conditions.

Having a dilution factor of 1 : 7 (MC-Additiv 4DS : water) at 20 °C, in this case the workability time of Emcefix and Nafuquick fillers is approx. 5 minutes.

Further Information: MC-Additiv 4DS is highly alkaline. Wear rubber gloves and protective goggles when working with the material.

The information on the safety data sheets must be observed.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	1.24	
Mixing ratio (with water)	RT	1 : 7	for approx. 5 min Application time
Application conditions	°C	≥ 5	
Viscosity	seconds	14	kinematic to DIN 53211
All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.			
delivery form		12 kg canisters, 1 pallet (40 canisters of 12 kg each) 35 kg canisters, 1 pallet (16 canisters of 35 kg each) 200 kg drum	
self-monitoring		EN ISO 9001	
Storage		Can be stored in cool and dry conditions for at least 12 months in original unopened packs.	
packaging disposal		Make sure single-use containers are completely empty. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.	
colour shade		transparent	

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BZM40

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. [2100004628]