

PRODUCT PROPERTIES

- Significant improvement of application properties
- Significantly reduces screed levelling resistance
- Substantial increase in installation rate/productivity
- No adverse effects on strength properties or drying behaviour
- Very cost-efficient as only minimal dosages necessary
- Suitable for combination with products from the Powerscreed range
- Registered with DGNB (Code: RUW8S4)

AREAS OF APPLICATION

- For the manufacture of easy-to-apply cement screeds
- Suitable for underfloor heating screed
- For screeds with elevated cement contents
- Suitable as a system component for combination with MC-Floor TurboCem

APPLICATION ADVICE

General: MC-Easyscreed is a highly concentrated processing aid for cement screeds which considerably improves the ease of installation of earth-moist screeds without any negative influences on strength and drying behaviour. The use of MC-Easyscreed ensures that even screeds with poorly graded sieve lines or increased cement contents can be levelled and smoothed particularly easily.

Dosage Instructions: The optimal dosage level for MC-Easyscreed depends on the origin, composition and moisture content of the aggregates as well as the type and quantity of cement used. The ideal dosage will therefore need to be determined in prior trials using the relevant aggregates and cements. The technical properties of the screed mortar and its workability can also be assessed within the scope of these suitability tests. If changes are made to the screed formulation, the uniformity of the properties of the screed mortar will need to be reassessed.

Application Method: MC-Easyscreed is added directly to the screed mixture in the first make-up water. Rinse the dosing vessel thoroughly by passing it through the water.

Further Information: Experience has shown that the use of MC-Easyscreed has no adverse effect on the strength, drying behaviour or processing time of the screed mortar. MC-Easyscreed is suitable for use in conjunction with products from the Powerscreed range. MC-Bauchemie Müller GmbH & Co KG does not approve any use of the product with other admixtures or rapid-setting cements and accepts no liability for any such usage.

Safety Advice: Ensure compliance with the MC-Easyscreed Safety Data Sheet.

The following recipe examples and associated technical values given apply to 200 l mortar mixtures for earth-moist, non-flowing cement or calciumsulfate screeds according to DIN 18560.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 1	at 20 °C
Recommended dosage range	ml	approx. 20 - 40	
Example formulation (DIN EN 13813-CT-C25-F4)	kg	50	cement (CEM II 32,5 A-LL)
		300	Screed sand 0/8 (B8 to DIN 1045-2)
	l	approx. 24	Added water, when the water content of the sand is about 3 per cent
	ml	30	MC-Easyscreed

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

Self-monitoring	EN ISO 9001
Packaging disposal	Make sure single-use containers are completely empty.
Designation of admixture	MC-Easyscreed
Colour	yellowish
Form	liquid
Delivery form	10 kg canister(s)
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.

Safety instructions

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

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. [2300019563]

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Resilient after	hours	12	
Resilient after (full)	days	7	
Ready for overlaying after (< 2 CM%)	days	< 3	according to DIN 18560-1, Punkt 5.6
Density	g/cm ³	approx. 1	at 20 °C
Recommended dosage range	ml	20 - 40	
Example formulation (DIN EN 13813-CT-C50-F7)	kg	70	MC-Floor TurboCem
		300	Screed sand 0/8 (B8 to DIN 1045-2)
	l	approx. 21	Added water, when the water content of the sand is about 3 per cent
		30	MC-Easyscreed

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

Self-monitoring	EN ISO 9001
Packaging disposal	Make sure single-use containers are completely empty.
Designation of admixture	MC-Easyscreed C50-F7
Colour	yellowish
Form	liquid
Delivery form	10 kg canister(s)
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 1	at 20 °C
Recommended dosage range	ml	20 - 40	
Example formulation (DIN EN 13813-CA-C25-F4)	kg	75	CAB 30
		300	Screed sand 0/8 (B8 to DIN 1045-2)
	l	approx. 15	Added water, when the water content of the sand is about 3 per cent
	ml	30	MC-Easyscreed

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

Self-monitoring	EN ISO 9001
Packaging disposal	Make sure single-use containers are completely empty.
Designation of admixture	MC-Easyscreed CA
Colour	yellowish
Form	liquid
Delivery form	10 kg canister(s)
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.

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