MC-Floor Screed BS

Bond coat

Product properties

- Single-component, cement-bound, polymer-modified bond coat
- Bond coat for MC-Floor Screed 10 and MC-Floor Screed 25

Areas of application

- Production of even floors on minerally bound substrates
- Bond coat for compound screed used in the repair of production facilities, storage and logistics areas and wheeled-vehicle guideways and carriageways etc.

Application

Substrate preparation
The substrate must be clean and frost-free, load-bearing, free of grease, paint, coatings, release agents and loose particles. Absorbent substrates need to be wetted (avoid standing water). See leaflet “General Application Instructions for Coarse Mortars/Concrete Replacement Systems”.

Mixing
The bond coat consists of a powder component to which water is added in order to prepare the slurry ready for use.
MC-Floor Screed BS is poured into the water under constant stirring and mixed until homogeneous and lump-free. The mixing time is 5 minutes. Slow-running mechanical stirring devices (max. 400 rpm) should be used.

Mixing ratio
For a 5 kg bag, the amount of water needed will range from 0.9 to 0.95 litres, and for a 20 kg bag, the amount of water required will range from approx. 3.6 to 3.8 litres. As variations can occur with respect to the amount of liquid required for the cement content, it is recommended that a minimum amount of water be initially used and then more water be gradually added until a good, easy-spreading consistency has been reached.

Application
Wet the substrate before applying MC-Floor Screed BS. Very absorbent substrates will need to be wetted several times beforehand. Carefully brush MC-Floor Screed BS into the matt damp, but not water-saturated, substrate. Avoid the formation of puddles. Only prepare as much as can be applied and overcoated with screed fresh-in-fresh. Use short-brittle brushes, wide brushes or scrubbing brushes to apply.

MC-Floor Screed BS can also be delivered using spiral pumps to the placement point where it will then need to be spread and worked into the substrate surface by hand as described above.

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Technical Data for MC-Floor Screed BS

Characteristic	Unit	Value**	Comments
Fresh mortar gross density	kg/dm³	2.10	
Consumption (dry mortar)	kg/dm³	1.70	
Mixing time	minutes	approx. 5	-
Mixing ratio	p.b.w.	100 : 18 - 19	
Application time	minutes	approx. 30	at 20 °C and 50 % rel. humidity
Application conditions	°C	≥ 5; ≤ 30	air/material/substrate temperature
Consumption rate*	kg/m²	1.1 - 1.2	

Product Characteristics for MC-Floor Screed BS

Cleaning agent	water
Standard colour	cement grey
Delivery	Packaging unit 2 x 5 kg bag, bagged goods up to 20 kg bag
Storage	Stored dry in original, sealed containers, shelf life approx. 1 year. Keep in a cool, dry place
Container disposal	Make sure containers are completely empty. Please note in this regard our leaflet relating to German packaging regulations “The MC Disposal Concept for Residue-Free Transport and Sales Packaging”. We will be glad to send you this on request.

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

Edition 05/17. 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.

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