

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 ADVICE

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 sub-strate surface by hand as described above.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	100 : 18 - 19	
Working time	minutes	30	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 5 ≤ 30	Temperatura del aire, soporte y material
Consumption	kg/m ²	1.1 - 1.2	
Fresh mortar bulk density	kg/dm ³	2.1	
Mixing time	minutes	approx. 5	
Equipment cleaning agent	water		
Colour	Cement grey		
Delivery form	20 kg bag		
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.		

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : ZP1

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. [2400020564]