

MC-Estribond MB

Mineral bond coat for cement-bound substrates



PRODUCT PROPERTIES

- Ready to use - simply mix with water
- Single component
- Solvent free
- Easily to apply
- Facilitates a secure bonding

AREAS OF APPLICATION

- Bonding agent for cementitious construction materials on mineral substrates

APPLICATION ADVICE

Substrate Preparation

The substrate must be solid and load-bearing, as well as free from all adhesion-impairing materials and contaminations. For composite screeds the requirements of the respective standard must be attended. Before MC-Estribond MB is applied, the substrate should be thoroughly pre-wetted. It must be matt-moist, but not water-saturated. Highly absorptive substrates must be pre-wetted repeatedly.

Mixing

The water-requirement for one 25 kg sack is around 4.5 litres. MC-Estribond MB is poured into the prepared water under constant stirring, until the mixture has a homogenous, lump-free and slurriable consistency. The mixing takes approx. 5 minutes. Slow-moving agitators (max. 400 revolutions per minute) are especially suitable. Agitators with two counter-rotating paddles are optimal, e.g. beba mixer B7, Colomix RGE 162 Duo, etc.

Please take into consideration that, as with any cementitious products, the water-requirement might vary. Make sure that no water collects on the applied MC-Estribond MB.

Application

The homogeneously mixed material is brushed thoroughly and evenly into the matt-moist pre-wetted substrate. Make sure that MC-Estribond MB is rubbed into the pores and cavities. Use short-bristled brushes, scrubbers or brooms. The cement screed/concrete is applied into the partially dried, matt-moist adhesion layer. Spiked shoes should be worn if it is necessary to walk on the adhesion layer to apply the coat. The freshly applied material should not be exposed too long. Completely dried bonding-agent has to be removed and applied a second time.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Working time	minutes	approx. 60	at 20° C and 65 % rel. humidity
Consumption	kg/m ²	approx. 1.2	depending on substrate and application
Water addition	l	approx. 4.5	per 25 kg

All technical values are laboratory results determined at 21°C ±2°C and 65% relative humidity.

Form	pulverous
Equipment cleaning agent	water
Colour	grey
Delivery form	25 kg sack, pallet: 35 x 25 kg
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.

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. [2300018596]