

MC-Top B Quartz

Dry mortar based on quartz sand and portland cement for hardening industrial floors



PRODUCT PROPERTIES

- High resistance to abrasion
- Easy to clean
- Quick drying
- High durability over time
- Easy processing

AREAS OF APPLICATION

- Helicoptering of monolithic concrete floors for industrial and commercial buildings
- Helicoptering of concrete in shopping centers and parking lots/garages

APPLICATION ADVICE

Application: MC TOP-B quartz is a quartz sand-based surface hardener for industrial floors that is applied to freshly poured concrete surfaces. The application must be started as soon as the surface becomes accessible. When applying MC-TOP B quartz on large concrete surfaces, their drying must be avoided by means of an intermediate treatment (spraying with water or an against evaporation product). MC TOP-B quartz must be applied evenly on the fresh concrete, in the specified quantity, and then finished with the leveling helicopter. After application, the floor leveled with MC TOP-B quartz must be immediately protected from rapid evaporation. For post-treatment, a vapor barrier with Emcoril Compact top or Emcoril Compact pro is recommended.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Product according to EN 13813			CT-C70-F7-AR1-SH200-B1,0
Consumption	kg/m ²	2-5	
Surface hardness	N/mm ²	> 200	Class SH 200
Abrasion resistance (according to Böhme)	cm ³ /50 cm ²	<0.6	Class A6
Compressive strength	N/mm ²	> 70	
Flexural strength	N/mm ²	> 7	
Adhesion strength	N/mm ²	> 1.0	
Color	grey		
Delivery form	25 kg sack		
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 in this data sheet must be adapted by the installer, specialist planner, and/or building inspector to the respective construction project, intended use, and specific local conditions. Any non-standard local conditions must be taken into account, and application-specific conditions must be reviewed in advance by the planner/specifier. Deviations from the specified standard conditions 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. [2500029482]