

MC-Montan Drive CA 02

Additive for soil conditioning for tunnel boring machines (TBM)



PRODUCT PROPERTIES

- Reduces adhesion and clogging
- Decreases wear on the drilling tool
- Reduces drilling head torque and energy consumption
- Improves soil removal
- Cost-effective dosage
- Longer shelf life
- Environmental friendly

AREAS OF APPLICATION

- Soil conditioning for tunnel boring machines with earth pressure balance (EPB)
- Soils with high proportions of clays and high clogging tendency

APPLICATION ADVICE

MC-Montan Drive CA 02 disperses soils with high proportion of clay and reduces the risk of clogging.

MC-Montan Drive CA 02 reduces clogging on cutter head and conveyor screw. Friction and abrasiveness on cutter head are reduced and improved energy consumption.

The special action mechanism facilitates high TBM driving speeds with cost effective dosing volumes.

MC-Montan Drive CA 02 can be used with all conventional dosing devices. MC-Montan Drive CA 02 can be combined with all MC-Montan Drive FL and MC-Montan Device CT (Cell-Tube).

The dosage depends on the nature of the soil. Normal concentration is 1 to 3 % in a watery solution.

The "MC-Business Unit Tunnelling" is available for individual recommendation and optimization of the application on site.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.09	
Water pollution hazard class		WGK 1	
Designation of admixture	MC-Montan Drive CA 02		
Form	liquid		
In-company production control	EN ISO 9001		
Storage	Can be stored in cool and dry conditions for at least 6 months in original unopened packs. Protect from frost. Protect from direct sun radiation.		
Delivery form	200 kg drums 1.000 kg IBC		

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. [2300018444]