

MC-Montan Drive FL 02

Foaming soil conditioner for tunnel boring machines (TBM)



PRODUCT PROPERTIES

- Reduces drilling head torque and energy consumption
- Improves soil removal
- Decreases wear on the drilling tool
- Reduces dust load
- Cost-effective dosage
- Environmentally friendly and biodegradable

AREAS OF APPLICATION

- Soil conditioner EPB TBMs
- Design for tunnelling in granular materials and (loose) rock

APPLICATION ADVICE

MC-Montan Drive FL 02 is a liquid, concentrated foaming agent to generate a unique and stable foam.

MC-Montan Drive FL 02 can be used in various underground situations with a wide grain range. The strong combination of active substances reduces friction and abrasiveness of soil, resulting in a reduced power consumption and wear on the drilling tool.

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

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

The dosage depends on the nature of the soil. Usual concentration is 1 to 2 % in a watery solution.

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	approx. 1.02	
Water pollution hazard class		WGK 1	
Designation of admixture		MC-Montan Drive FL 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. [2300018523]