

MC-Montan Drive FL 04

Soil Conditioning Foam with Anti-Clay properties



PRODUCT PROPERTIES

- Excellent torque reduction and soil plasticising effect
- Reduction of clay adhesion and cohesion effects
- Improved soil plasticity
- Readily biodegradable

AREAS OF APPLICATION

- soil conditioning foam for EPB TBMs
- designed for tunneling through clayey soil

APPLICATION ADVICE

MC-Montan Drive FL 04 is a liquid soil conditioner which can be used to generate a unique and stable foam.

MC-Montan Drive FL 04 reduces the clay clogging and adhesion effects, keeps the cutterhead openings clean and open to ensure a good muck flow through the cutterhead and through the working chamber.

All conventional foaming systems as well as the MC-Montan Device CT can be used with MC-Montan Drive FL 04. The dosage depends on the nature of the soil. The usual concentration range is from 2 to 5 %.

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

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.02 - 1.04	
Biodegradability			readily biodegradable
Water pollution hazard class		WGK 1	
Designation of admixture		MC-Montan Drive FL 04	
Colour		yellowish	
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 Bulk	

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. [2400021601]