

MC-Montan Seal ST 01

Shield tail seal for tunnel boring machines with a shield.

PRODUCT PROPERTIES:

- Protection against material breakthroughs.
- Resists considerable pressure.
- Good lubricating properties.
- Excellent pumpability.
- Fire resistant.
- Sustainable environmentally friendly.

AREAS OF APPLICATION:

- Shield tail seal for tunnel boring machines with a shield.
- Through brushes, that can be placed between the segment and the shield.

APPLICATION GUIDE:

- **The MC-Montan Seal ST 01** has an excellent pumpability due to its good lubrication properties and has the ability to resist considerable pressure at the shield tail of a tunnel boring machine.
- The return of the backfill grout as well as the entry of water under pressure is ensured by **MC-Montan Seal ST 01** as a sealing compound in combination with brushes.
- **MC-Montan Seal ST 01** can be used with all conventional dosing devices. MC-Bauchemie offers also the special pump MC-Montan Device HD a perfectly matched conveyor device.
- The "MC-Business Unit Tunnelling" is available for individual consultation and optimization of the application on site.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.20	
Consistency	mm	190 ± 10	According to ASTM D217

PRODUCT INFORMATION:

Form	Pasty.
Colour	Grey to brown.
Storage	Protect from direct sunlight and frost free! Can be stored in closed original container for at least 12 months.
In-company production control	According to DIN EN ISO 9001.
Form of delivery	60 kg barrels; 200 kg barrels.

Safety instructions: Please note the safety information and advice given on the packaging labels and safety data sheets.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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