

PRODUCT DATA SHEET

Sika® Stabilizer-5010 TBM GB

Set Retarding admixture for Backfill Grouts in TBM applications

PRODUCT DESCRIPTION

Sika® Stabilizer-5010 TBM GB is a set retarding admixture for backfill grouts during TBM excavation.

USES

- For addition to cement grout during the mixing process.
- Retarding effects allow for the cement or cement / bentonite injection grout to have an extended setting time of up to 72 hours, depending on technical requirements and dosage.

CHARACTERISTICS / ADVANTAGES

- Controls open time of Component A
- Improves stability of Component A
- Reduces segregation during long distance pumping of Component A

PRODUCT INFORMATION

Packaging	1000 L bulk IBCs
Shelf Life	12 months from date of production
Storage Conditions	Store in original, unopened and undamaged packaging in dry conditions at temperatures above 40 °F (5 °C). If frozen, thaw and agitate thoroughly to return to normal state before use.
Total Chloride Ion Content	<0.1 % w/w (chloride free)
Specific gravity	1.18 kg/L
Colour	Dark brown liquid

APPLICATION INFORMATION

Recommended Dosage	3 - 7 Kg/m ³ of two-component backfill grouts
---------------------------	--

SYSTEM INFORMATION

Compatibility	Compatible with Sika® admixtures and other Sika® products. Contact your Sika Technical Representative for additional information.
----------------------	---

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Sika® Stabilizer-5010 TBM GB should not be added to dry ingredients and should be dispensed directly into the mixer through suitable, calibrated equipment.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



Product Data Sheet
Sika® Stabilizer-5010 TBM GB
February 2025, Version 01.01
021404071000000197

SikaStabilizer-5010TBMGB-en-GB-(02-2025)-1-1.pdf