

PRODUCT DATA SHEET

Sika® Stabilizer-6001 TBM GB

Liquid accelerator as Component B of two-components backfill grouts in TBM applications

PRODUCT DESCRIPTION

Sika® Stabilizer-6001 TBM GB is a high performance liquid accelerator used during the injection of the two-component annular grouts behind the concrete lining of a Tunnel Boring Machine (TBM). Sika® Stabilizer-6001 TBM GB is more commonly known as Component B of the annulus grout in TBM tunneling.

USES

Sika® Stabilizer-6001 TBM GB is designed for usage in two-component grouts where a rapid gel and early strength values are required. It is fully compatible with retarders such as Sika® Stabilizer-5010 TBM.

CHARACTERISTICS / ADVANTAGES

- Easily pumpable
- Fast setting and higher early strength achievement as compared with traditional accelerators
- Rapid work progress
- Efficient dispersion in grout during mixing
- Low viscosity
- Ensures flexibility and control of gel or setting time and compressive strengths

PRODUCT INFORMATION

Chemical Base	Silicate based
Packaging	Bulk tanker
Appearance / Colour	Transparent liquid
Shelf Life	12 months minimum from dispatch if stored correctly.
Storage Conditions	Store in cool and dry conditions in unopened, undamaged and sealed original packaging at temperatures between +5°C and +40°C protected from direct sunlight.
Specific gravity	1.35 kg/L

APPLICATION INFORMATION

Recommended Dosage	Typical dosage range of Sika® Stabilizer-6001 TBM GB is 60-90 L/m ³ of two-component grout. Pre-trials to confirm the actual required dosage for the materials and mix design in use must be done by the user.
Dispensing	Sika® Stabilizer-6001 TBM GB should be dispensed through suitable, calibrated equipment into the injection point, immediately before the injection of the grout.

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.

USES

Laboratory trials should be completed before use; please contact your local Sika technical department.

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.

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.

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