



## PRODUCT DATA SHEET

# Sika® Stabilizer-2121 TBM

TBM first filling tail seal sealant

### PRODUCT DESCRIPTION

Sika® Stabilizer-2121 TBM is an organic, first filling tail seal sealant for TBM tail brushes. It has good penetration and protects the brushes throughout the TBM's lifespan.

### WHERE TO USE

- Fills the TBM tail brushes before the initial drive or after passing intermediate stations
- Provides a protective layer to the TBM brushes

### CHARACTERISTICS / ADVANTAGES

- Does not react with the segmental seal
- Extends the lifespan of the wire brushes in the tail seals
- Withstands high water pressure
- Good anti-washout properties and water-tightness
- Ensures sealing between the inside of the shield and the outside environment
- Lower consumption compared to other types of tail seal greases
- Good pumpability at temperatures between +15 °C and +40 °C
- Easy to handle
- Self-extinguishing

## PRODUCT INFORMATION

Composition / Manufacturing	Organic compound.
Packaging	25, 70 and 250 kg drums. Refer to current price list for packaging variations
Shelf Life	24 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +40 °C. Always refer to packaging.
Appearance / Colour	Homogenous paste, grey.
Density	(1.70 ± 0.10) kg/l
Solubility	Non soluble
Consistency	(190 ± 10) at +20 °C (ASTM D217)

## TECHNICAL INFORMATION

Specific Advice	Wash Out	< 2 %	(ASTM D971)
	Water Spray off	< 5 %	(ASTM D4049)
	Water Sealing	35 bar (no leakage)	"Matsumura"
	Flash Point	> +200 °C	(ASTM D92)

## SYSTEMS

Compatibility	Compatible with Sika® admixtures and other Sika® products. Contact Sika Technical Services for additional information.
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## APPLICATION INFORMATION

Recommended Dosage	The consumption is dependent on the diameter of the TBM and the number of rows of brushes. As a general guide, the following values may be considered:							
	<table><thead><tr><th>TBM Diameter</th><th>Quantity of sealant</th></tr></thead><tbody><tr><td>5–6 m</td><td>1.75 t</td></tr><tr><td>7–8 m</td><td>2.25 t</td></tr><tr><td>9–10 m</td><td>2.75 t</td></tr></tbody></table>	TBM Diameter	Quantity of sealant	5–6 m	1.75 t	7–8 m	2.25 t	9–10 m
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	Contact Sika Technical Services for additional information.							

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## ENVIRONMENT, HEALTH & SAFETY

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

### DISPENSING

- Sika® Stabilizer-2121 TBM can be pumped using the equipment already installed in the machine providing the pumping length is short.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

### **Product Data Sheet**

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