



## PRODUCT DATA SHEET

# Sika® Stabilizer-313 MBF

High range water reducing admixture

### PRODUCT DESCRIPTION

Sika® Stabilizer-313 MBF is a high range water reducing admixture that improves the performance of cemented paste fills in underground backfill operations. The product is well suited for a range of gold deposits (orogenic, quartz lode hosted gold) as well as polymetallic base metals deposits.

### WHERE TO USE

- Sika® Stabilizer-313 MBF can be used to :
- Optimize the cost performances of the paste fill mix by reducing binder content (cement, slag, fly ash)
  - Improve rheological properties of the cemented paste fill during the continuous mixing, pumping, and filling process
  - Enhance workability of the paste fill, allowing long transportation along paste lines at significantly lower water contents
  - Lower the paste yield stress at an increased overall solid content
  - Reduce pumping and line pressure within the reticulation system
  - Reduce the risk of blockages in the reticulation system
  - Improve in-situ compressive strengths at the final stage
  - Reduce wear and tear of machinery, equipment and paste line
  - Reduce segregation and bleeding of the placed paste fill
  - Reduce shrinkage and permeability in hardened fill

### CHARACTERISTICS / ADVANTAGES

- Reduction of the cement content of to 30%
- Reduction of CO2 emission associated to cement consumption
- Strong water reduction of the paste mix

### PRODUCT INFORMATION

<b>Packaging</b>	1040 L FIBC
<b>Shelf Life</b>	12 months from production date

<b>Storage Conditions</b>	This product must be stored in original, unopened and undamaged packaging in dry conditions as temperatures between 10 and 27°C ( 50 and 80°F). Always refer to packaging
<b>Colour</b>	Liquid / Clear, green
<b>Density</b>	1,08 KG / L
<b>Compatibility</b>	Contact your Sika Canada Technical Sales Representative
<b>Recommended Dosage</b>	The recommended dosage is between 1 and 3% per weight of cement. It is recommended to use an automated continuous process liquid dispensing system; the admixture can then be added directly into the plant mixer. It is not recommended to use this product at a higher dosage than the specified maximum dosage, unless required otherwise and after the required tests have been carried out.

## 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.

### CLEAN UP

Use personal protective equipment (chemical resistant goggles/gloves/clothing). Without direct contact, remove spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations.

## 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)

SikaStabilizer-313MBF-en-CA-(06-2023)-1-1.pdf

### Product Data Sheet

Sika® Stabilizer-313 MBF  
June 2023, Version 01.01  
021301011000004513

