BUILDING TRUST

PRODUCT DATA SHEET

SikaInject®-567

Highly Reactive, 2-C Polyurea Silicate Injection Foam

DESCRIPTION

SikaInject®-567 is a 2-component, solvent-free polyurea silicate foam specifically designed for rapid cavity filling and ground consolidation

USES

SikaInject®-567 may only be used by experienced professionals.

- Void and cavity filling
- Avoiding water or gas accumulation
- Consolidation of fractured rock in underground structures
- Rock consolidation in coal mining
- TBM Heading Injection

CHARACTERISTICS / ADVANTAGES

- Very fast reacting material
- Stable and workable foam structure
- Does not expand its volume on contact with water
- Shows good adhesion to wet and low friction substrates
- Fire resistant (acc. to DIN 4102-B2)
- Cured foam is cuttable (e.g. by TBM or coal planners)

PRODUCT INFORMATION

Packaging	part A: 34 kg cans / 284 kg drums / IBC part B: 30.6 kg cans / 250 kg drums / IBC
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 temperature between +5 °C and +35 °C
Colour	part A: colorless, liquid part B: pale brown, liquid
Density	part A: ~1.40kg/L (23°C) part B: ~1.25kg/L (23°C)
Viscosity	part A: 60 mPa.s (23°C) part B: 230 mPa.s (23°C)

TECHNICAL INFORMATION

Expansion	Expansion factor: up to 30 times Free foam density: ~45kg/m³

APPLICATION INFORMATION

Mixing Ratio	1:1 parts by volume
Product Temperature	Reaction-time depends on product temperature and substrate temperature. Please store both components prior to application at > 15°C.
Reaction time	Start of foaming: 20s ± 10s (23°C) End of foaming: 40s ± 15s (23°C) Reaction Temperature: < 99°C

BASIS OF PRODUCT DATA

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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Part A and part B are delivered ready to use. Inject them in mixing ratio of 1:1 parts by volume using a 2-component injection pump equipped with a static in-line mixer nozzle. For optimal mixing of the components use a min. 32 cm static-in-line mixer in connection with the mixing head.

CLEANING OF TOOLS

- For short breaks in the injection procedure, pump part A through the in-line static mixer nozzle
- After the injection process rinse pump with suitable cleaning agent (e.g. SikaInject®-CL2) or water-free low-viscosity hydraulic oil
- Flush pump and injection hoses until SikaInject®-567 is completely washed out
- Store pump and hoses filled with oil and seal all openings

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 Philippines Inc.
888 Cayetano Avenue,
C5 Extension, Brgy. Palingon - Tipas
Taguig City, Philippines 1630
Telephone no. +63 2 8790-9800
Fax no. +63 2 8790-9828