

PRODUCT DATA SHEET

SikaInject® Tricodur SI

Polymer modified, 2-component, micro-cement injection grout designed for sealing voids and injection hoses

PRODUCT DESCRIPTION

SikaInject® Tricodur SI is a 2-component, polymer modified, micro-cement binder based, injection grout.

USES

SikaInject® Tricodur SI injection grout is used for the sealing and grouting of voids and defects in concrete and masonry, and the grouting of injection hoses.

CHARACTERISTICS / ADVANTAGES

- High stability in suspension from the polymer modification
- Injection pressure of up to 20 bar is possible where structurally appropriate
- Grout particle range $d_{95} < 9.5 \mu\text{m}$
- High flow consistency and penetration ability

PRODUCT INFORMATION

Chemical Base	Polymer modified ultrafine cement	
Packaging	SikaInject® Tricodur SI	15 kg bag
	SikaInject® Tricodur SI-IH	10 kg PE can
Colour	SikaInject® Tricodur SI	Grey powder
	SikaInject® Tricodur SI-IH	Milky-white liquid
Shelf Life	12 months from date of production	
Storage Conditions	SikaInject® Tricodur SI must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10 °C and +25 °C. Always refer to packaging.	
Density	Fresh mortar density ~1.65 kg/L	
Consistency	Time after mixing	Marsh Cone flow time
	0 minutes	47 seconds
	30 minutes	49 seconds

TECHNICAL INFORMATION

Compressive Strength	> 25 N/mm ² after 7 days
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APPLICATION INFORMATION

Yield	15 kg SikaInject® Tricodur SI + 10 kg SikaInject® Tricodur SI-IH (injection support) = approx. 15 L
Product Temperature	5 to 30 °C
Substrate Temperature	5 to 30 °C
Substrate Moisture Content	Dampen concrete substrates with clean water.
Pot Life	~60 minutes at 20°C (may vary depending on site conditions).

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.

FURTHER DOCUMENTS

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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

- Place 10 kg of the injection support (SikaInject Tricodur SI-IH) in a suitable mixing vessel.
- Slowly add 15 kg SikaInject® Tricodur SI (1 bag), mixing at low speed.
- Increase the mixing speed to ≤3000 RPM and mix for at least 5 minutes.

APPLICATION METHOD / TOOLS

Use injection pumps suitable for single component injection products.

CLEANING OF TOOLS

Clean all tools and application equipment with water directly after work. Hardened material can only be removed mechanically.

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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