

PRODUCT DATA SHEET

SikaInject[®]-601 TX AU

Highly reactive, thixotropic, and fire-resistant two-component polyurea silicate injection resin for ground consolidation in highly fractured strata and for concrete crack repair

DESCRIPTION

SikaInject[®]-601 TX AU is a thixotropic two-component polyurea silicate injection resin that is fast reacting, solvent-free, and is specifically designed for rapid ground consolidation in strata with open cracks at the surface. It is also suitable for concrete crack repair. The thixotropic behavior of SikaInject[®]-601 TX AU prevents uncured resin from flowing out of the fissures.

USES

SikaInject[®]-601 TX AU may only be used by experienced professionals.

- Consolidation of fractured rock in underground structures
- Stabilization of face headings
- Sealing against gas and water
- Sealing of cracks in walls and roofs
- Concrete crack repair

FEATURES

- Good adhesion to concrete and rock strata
- Mixes easily even in low temperatures (as low as 5° C)
- Compressive strength of over 25 MPa in 24 hours
- Thixotropic behavior immediately after mixing
- High structural strength combined with flexibility
- Injected material has good adhesion to damp and low friction substrates
- Does not absorb water and hence, does not expand in the presence of water

PRODUCT INFORMATION

Packaging	IBC Part A 1310 kg IBC Part B 1090 kg IBC
Shelf life	When stored as directed, the shelf life is 24 months from the production date.
Storage conditions	Store SikaInject [®] -601 TX AU in dry conditions within a temperature range of 5°C and 35°C.

APPLICATION INFORMATION

Mixing ratio	Part A and B are delivered ready for use. They are injected in the ration of 1:1 by volume, using a two component injection pump equipped with a static inline mixer nozzle.
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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.

IMPORTANT CONSIDERATIONS

The curing time is dependent on the temperature of the product and ground. Please store both components prior to application at a temperature of at least +5°C.

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.

CLEANING OF EQUIPMENT

After the injection process pump an appropriate cleaning and maintenance agent (like Sikalject®-CL2) or oil containing no water, through the pump and injection hoses until Sikalject®-601 TX AU is completely washed out. Store the pump and hoses with the cleaning agent inside and seal all openings.

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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Product Data Sheet

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