

PRODUCT DATA SHEET

SikaInject®-867 AU

High yield thixotropic cable bolt grout

DESCRIPTION

SikaInject®-867 AU is a thixotropic, high yield, and shrinkage compensated grout used for placement of cable and rock bolts in tunnels and underground mines

USES

SikaInject®-867 AU may only be used by experienced professionals.

- encapsulation of roof bolts and cable anchors
- when “top-down” grouting method is preferred

FEATURES

- Highly pumpable; yet, exhibits rapid thixotropy
- Can be applied through small-diameter grout tubes
- Excellent strength development
- Extended working time (~60 min at 20 °C)
- Excellent bond to steel and surrounding strata
- Restricted flow into surrounding strata
- Enables the use of smaller drill holes
- Eliminates the requirement for sealing of the collar and plate with cotton waste etc.
- Economical to use
- Enhances the safety of critical bolt and anchor installations

PRODUCT INFORMATION

Packaging	20 kg in moisture resistant bags
Shelf life	12 months
Storage conditions	store in a dry place

TECHNICAL INFORMATION

Compressive strength	1 day	35 MPa
	7 days	50 MPa
	28 days	60 MPa
AS1478.2 Appendix A. restrained 50 mm cubes at 23°C, Age Typical compressive strength. Strength development depends on the amount of mixing water, ambient temperature, age and curing of the grout mixture. Actual results may vary.		

APPLICATION INFORMATION

Yield	Mixing 20 kg grout with 6.5L water = ~ 13.5 L (0.0135 m3) of grout mixture
-------	--

BASIS OF PRODUCT DATA

based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

All technical data stated in this Product Data Sheet are

ECOLOGY, HEALTH AND 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

EQUIPMENT

For best results, a high mechanical shear mixer or a paddle mixer should be used. The grout pump must have accurate water dosing capabilities.

MIXING

SikaInject®-867 AU is supplied ready to use; requiring only the addition of potable water.

Fill the mixer with the correct amount of water that matches the number of SikaInject®-867 AU bags. As a guide, use 6.5 - 7.5L of water per 20 kg bag of SikaInject®-867 grout for a thixotropic mixture. The actual amount of water required will depend on the desired consistency of the grout mixture and the grout pump available. Do not exceed the amount of water recommended for obtaining thixotropic mixtures. Start the mixer after adding the required amount of water. Slowly add SikaInject®-867 AU grout powder. Continue mixing until a thick, creamy, no-lump consistency is obtained. Discard any grout mixture that has been left unattended for more than 60 minutes. Do not retemper.

CLEANING OF EQUIPMENT

As with all grouting operations, it is essential to systematically clean the pump and grout lines with clean water. This should be done immediately after completion of grouting operations. If the grouting operations delay for more than an hour, the batched grout mixture should be discarded, and the pump and grout lines cleaned.

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 Australia Pty Limited

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48

Product Data Sheet

SikaInject®-867 AU

July 2026, Version 01.01

020707050020242742

SikaInject-867AU-en-AU-(07-2026)-1-1.pdf