

PRODUCT DATA SHEET

Sika® ViscoCrete®-8933

New generation high-range admixture for improved rheology and slump retention

DESCRIPTION

Sika® ViscoCrete®-8933 is a chloride free, next generation superplasticiser featuring advanced slump retention technology. Formulated with polycarboxylate ether polymers, it is specifically designed for ready-mix concrete applications where extended workability, high strength, and durability are essential—particularly in hot climates. Its superior dispersion properties make Sika® ViscoCrete®-8933 an excellent choice for the ready-mix concrete industry. By enabling the use of low water/cement ratios while maintaining prolonged slump retention, it supports the production of high-quality concrete.

USES

Sika® ViscoCrete®-8933 is recommended for:

- Ready-mix concrete with normal to low water/cement ratios
- Applications requiring high water reduction without significant setting retardation
- Production of normal to high grade concrete with enhanced workability retention

CHARACTERISTICS / ADVANTAGES

- High water reduction - Deliver high early and ultimate strengths, producing concrete with low permeability and enhance durability.
- Improved rheology - Enhance ease of mixing, placement, compaction and finishing while delivering high flowability.
- Exceptional slump retention - Eliminates the need for retempering, ensuring seamless delivery to point of placement.
- Reduce shrinkage and creep - Contributes to dimensional stability and minimizes cracking risks.
- Strong cohesion - Promotes ease of pumping, prevents bleeding, and ensures good workability along with excellent surface appearance; suitable for self-compacting concrete.
- Minimal bleed water - Enhances overall concrete quality.
- High elastic modulus - Improves load-bearing capacity.
- Compatible with supplementary cementitious materials – Ensures robustness of concrete when using high levels of SCMs like PFA (pulverized fuel ash) and GGBS (ground granulated blast-furnace slag)

APPROVALS / STANDARDS

Sika® ViscoCrete®-8933 conforms to the requirements of BS EN 934-2 : 2009.

PRODUCT INFORMATION

| | |
|--------------------|---|
| Packaging | <ul style="list-style-type: none">▪ 1000 L IBC tank▪ Bulk delivery |
| Shelf Life | 12 months from date of production |
| Storage Conditions | Store in a place where the temperature is not below 0 °C. In case the product freezes, increase the temperature of the product to 30 °C and re-mix. |

APPLICATION INFORMATION

Recommended Dosage

The normally recommended dosage rate is 0.3 L to 1.2 L per 100 kg of binder. Other dosages may be used in special cases according to specific job site conditions. In this case please consult our sales representative.

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

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

Sika® ViscoCrete®-8933 is a liquid admixture to be added to the concrete during the mixing process. The best results are obtained when the admixture is added after all the other components are already in the mixer and after the addition of at least 80 % of the total water.

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 Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate,
71800 Nilai, Negeri Sembilan D.K.
Malaysia
Phone: +606-7991762
e-mail: info@my.sika.com
Website: www.sika.com.my



Product Data Sheet

Sika® ViscoCrete®-8933
September 2025, Version 01.01
021301011000245236

SikaViscoCrete-8933-en-MY-(09-2025)-1-1.pdf