

PRODUCT DATA SHEET

Sika® ViscoCrete®-3388

High-range superplasticizer for precast manufacturing

DESCRIPTION

Sika® ViscoCrete®-3388 is a high-performance superplasticizer based on polycarboxylate ether (PCE) technology, specifically developed for precast concrete applications, including production under demanding conditions.

Its advanced formulation provides excellent dispersion of cement particles, enabling effective performance even at low water-to-binder ratios. The product promotes rapid early strength development, allowing faster demolding and improved productivity in precast operations.

In addition, Sika® ViscoCrete®-3388 contributes to both enhanced early-age strength and higher ultimate compressive strength of concrete.

USES

Sika® ViscoCrete®-3388 is a superplasticizer that offers significant advantages for precast concrete applications due to its specific properties. Sika® ViscoCrete®-3388 is effective in concrete mixes with varying water-to-cement ratios, making it versatile for different concrete grades. Its ability to achieve high workability with low water content is crucial for producing high-strength and durable concrete.

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.

CHARACTERISTICS / ADVANTAGES

Sika® ViscoCrete®-3388 provides multiple performance benefits for precast concrete applications, enhancing production efficiency, concrete quality, and long-term durability:

- Enables production of rheoplastic concrete at very low water-to-cement (w/c) ratios
- Optimize curing cycles by reducing required curing time
- Improves surface finish and overall concrete quality
- Enhances durability of precast concrete elements
- Increases both early-age and ultimate compressive and flexural strengths compared to conventional superplasticizers

APPLICATION INFORMATION

Recommended Dosage

The normally recommended dosage rate is 0.6–1.8 L per 100 kg of binder. Other dosages may be used in special cases according to specific job 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®-3388 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®-3388
March 2026, Version 01.01
021301011000263209

SikaViscoCrete-3388-en-MY-(03-2026)-1-1.pdf