

PRODUCT DATA SHEET

Sika® ViscoCrete®-3333 GL

Multi-purpose Superplasticizer / High Range Water-Reducing Admixture

DESCRIPTION

Sika Viscocrete® GL 3333 is an improved, new generation, non-chlorinated, acrylic copolymer superplasticizer / high-range water-reducing admixture.

USES

Sika Viscocrete® GL 3333 is used for concrete in precast plants, on site and for ready mix concrete. Sika Viscocrete® GL 3333 is used for concrete that need to be transported over long distance or with extended application time.

Sika Viscocrete® GL 3333 is added for production of :

- Plastic to fluid concrete.
- Low W/C ratio concrete with or without silica fume.
- Concrete with high water reduction (up to 30%).
- Concrete with air entraining.

FEATURES

Sika Viscocrete® GL 3333 combines several actions. Adsorption to the surface and separation of fines particles during the hydration process give the following properties:

- Extended workability.
- Very high water reduction (consequently high waterproofing and resistances).
- High fluidity (consequently easier application).
- High short term resistance.
- High waterproofing improvement.
- Better creeps and shrinkage behaviour.
- Lower carbonation speed.

Sika Viscocrete® GL 3333 does not contain any chloride or other component which could cause or increase steel corrosion. It can be used without restriction.

PRODUCT DATA SHEET

Sika® ViscoCrete®-3333 GL

November 2025, Version 03.06

021301011000004974

PRODUCT INFORMATION

Composition	PCE
Packaging	Bulk, 1000 litre Container, 200 litre Drum, 25 litre Keg
Colour	Light Yellow
Shelf life	12 months minimum from production date if stored properly in original unopened, sealed and undamaged packaging.
Storage conditions	Product should be stored properly in original unopened, sealed and undamaged packaging. Store in a dry area between 5°C and 35 °C. Protect from direct sunlight
Density	1.07 +/- 0.01
pH-Value	4.61 +/- 1
Concreting guidance	The standard rules of good concreting practice, concerning production and placing must be followed. Laboratory trials must be carried out before concreting on site, especially when using a new mix design or producing new concrete components. Fresh concrete must be cured properly and curing applied as early as possible.
Concrete mix design	When using SikaViscocrete® GL 3333, a suitable mix design must be calculated. The local material sources used within the mix design must always be trialled and approved for suitability before commencement of the project
Recommended dosage	Recommended dosage: ▪ 0.2 to 3% of the cement weight depending on performances required. ▪ Usual dosage: 0.4 to 1.5% of the binder weight.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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.

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 MANUFACTURING NIGERIA LIMITED

10, Western Industrial Avenue, Isheri
Riverview Estate
Lagos - Ibadan Expressway, Ogun State
NIGERIA
Web: nga.sika.com

PRODUCT DATA SHEET

Sika® ViscoCrete®-3333 GL
November 2025, Version 03.06
021301011000004974

SikaViscoCrete-3333GL-en-NG-(11-2025)-3-6.pdf

