

## PRODUCT DATA SHEET

## Sika® ViscoCrete®-206 KH

HIGH PERFORMANCE CONCRETE SUPERPLASTICIZER.

## DESCRIPTION

Sika® ViscoCrete®-206 KH is an innovative PCE based high performance Superplasticizer for producing soft consistency concrete based on a blend of 3<sup>rd</sup> generation PCE polymers.  
Sika® ViscoCrete®-206 KH meets the requirements of ASTM C 494 Type D&G.

## USES

Sika® ViscoCrete®-206 KH is mainly suitable for the manufacture of concrete for RMC plants and site batched concrete.

Sika® ViscoCrete®-206 KH is used for the following types of concrete:

- Road
- Bored Piles
- Barrette foundations and diaphragm wall
- Ground and suspended slabs
- Column and Wall
- Bridges and cantilever
- Slender components with dense reinforcement

## FEATURES

Sika® ViscoCrete®-206 KH combines different modes of actions. By absorption on the surface of the fines and keeping them apart while the hydration is in progress, Sika® ViscoCrete®-206 KH effects the following concrete properties:

- Longer Slump Retention and High Water Reduction
- High flowability (considerably reduced placing and compacting work).
- Faster evolution of early strength development
- Workability can be maintained up to 6 hours (still depends on admixture dosage, cement type, temperature)
- Improved creep and shrinkage resistance characteristics

Sika® ViscoCrete®-206 KH contains neither chlorides nor other corrosion-inducing substances and can therefore be used without any restrictions for reinforced concrete structures.

## PRODUCT INFORMATION

Composition	Modified Poly Carboxylate in Water.
Packaging	5kg Pail, 25kg Pail, 200kg Drum, 1000kg IBC
Colour	Liquid/ Brownish Color
Shelf life	12 months if stored properly in original unopened packaging.
Storage conditions	Stored in dry conditions, protected from direct sunlight and at temperature between +5 °C and +35 °C.
Density	1.040 - 1.10 (at 25°C)
pH-Value	3.50 - 5.50
Recommended dosage	0.6 - 2.4ltr per 100kg of cement Typical 0.8 to 1.2 ltr per 100kg of cement

<b>Compatibility</b>	<p>Sika® ViscoCrete®-206 KH may be combined with Plastiment, Plastocrete, Sika® Aer, Sika® Pump.</p> <p>Sikacrete® PP 1 products, but must be added separately to the mix and not pre-mixed prior its addition.</p> <p>Sika® ViscoCrete®-206 KH is compatible with all Portland Cement types and materials.</p>
<b>Dispensing</b>	<p>Sika® ViscoCrete®-206 KH is added to the gauging water prior to its addition to the dry mix or added separately to the wetted concrete mix.</p> <p>For optimum utilization of the ultra-high range water reducer we recommend a minimum wet mixing time of 60 seconds.</p> <p>When adding the balance of the batching water to adjust concrete consistency this should be done after a minimum of 2/3 of the wet mixing time to avoid surplus water in the concrete.</p>
<b>Restrictions</b>	<p>Overdosing will result in increased workability and setting time of the concrete: however, provided that curing is effective, ultimate concrete strength and properties will not be affected.</p> <p>Accurate dispensing equipment can be supplied by Sika (Cambodia) Ltd.</p> <p>Use an appropriate concrete mixer and do not mix by hand</p> <p>Trial mixes are recommended to establish exact dosage rates required to suit individual requirements. Please contact Sika Technical Department for further assistance.</p>
<b>Curing treatment</b>	Effective measures for concrete curing must be followed.

## 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

Protective Measures: Avoid prolonged contact with skin. Wash off thoroughly with soap water. In case of contact with eyes or mouth, rinse immediately with clean warm water and seek medical attention without delay.

Avoid contact with food stuff and utensils.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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 (Cambodia) Ltd.

Legacy Business Center, Building #29  
street 245  
Sangkat Tuol Tom Pong 2, Khan  
Chamkarmorn  
12308, Phnom Penh, Cambodia  
Tel: +855 23 901 450

### PRODUCT DATA SHEET

Sika® ViscoCrete®-206 KH  
May 2025, Version 01.01  
021301011000004995

SikaViscoCrete-206KH-en-KH-(05-2025)-1-1.pdf