

## PRODUCT DATA SHEET

# Sika® Plastocrete® KH

## WATERPROOFING ADMIXTURE FOR CONCRETE AND MORTAR

### DESCRIPTION

Sika® Plastocrete® KH is a plasticizer admixture for concrete and mortar in liquid form that acts both as a highly efficient plasticizer and waterproofing agent.

### USES

Sika® Plastocrete® KH is recommended for use in waterproofing of masonry and concrete structures such as:

- Reservoirs and dams
- Sewerage works
- Canals
- Culverts, tunnels

Water-tanks, swimming pools and wherever water-proof concrete is required.

### CHARACTERISTICS / ADVANTAGES

Sika® Plastocrete® KH provides the following properties:

- Improved workability without increased water content
- Allows easier compaction leading to denser concrete and superior finish
- Increased strength and durability
- Reduced shrinkage
- Improved watertightness
- Increased cohesiveness of mortar
- Chloride free-does not attack reinforcement

### PRODUCT INFORMATION

<b>Composition</b>	Modified Lignosulphonate
<b>Packaging</b>	5 L / 25 L
<b>Appearance / Colour</b>	Brown Liquid
<b>Shelf life</b>	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
<b>Storage conditions</b>	Store in dry condition, protected from direct sunlight.
<b>Density</b>	1.063 - 1.075 kg / L (at temperature 25°C)
<b>pH-Value</b>	5.5 - 7.5

### APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.5 kg. (0.43 l) per cement 2 bags (contains 50 kg / bag). Sika® Plastocrete® KH is compatible with all types of Portland Cement, including S.R.C type and Hydraulic Cement.
<b>Dispensing</b>	Sika® Plastocrete® KH liquid should be dispensed directly into mixing water prior to the aggregates. Accurate dispensing equipment is available on re-

## IMPORTANT CONSIDERATIONS

Accidental overdosing of Sika® Plastocrete® KH causes an extension of the initial setting time, however, no excessive amount of additional air will be entrained. In the case of overdosing do not disturb the concrete. Ensure the concrete is properly cured. Consult Sika's Technical Department.

## 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.

## 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 the exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

## 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 Poug 2, Khan  
Chamkarmorn  
12308, Phnom Penh, Cambodia  
Tel: +855 23 901 450

### **PRODUCT DATA SHEET**

Sika® Plastocrete® KH  
March 2020, Version 01.01  
021303011000000825

SikaPlastocreteKH-en-KH-(03-2020)-1-1.pdf