

## PRODUCT DATA SHEET

# SikaTard<sup>®</sup>-960 HC

Cement hydration stabilising admixture

### DESCRIPTION

SikaTard<sup>®</sup>-960 HC is an admixture designed to delay cement hydration. SikaTard<sup>®</sup>-960 HC facilitates stabilization of concrete mixtures for long periods with no negative effects on final quality.

### USES

SikaTard<sup>®</sup>-960 HC is recommended for the following applications:

- shotcrete application (either wet or dry)
- when fresh concrete requires stabilization
- where the temporary prevention of cement hydration of concrete is required

### CHARACTERISTICS / ADVANTAGES

- SikaTard<sup>®</sup>-960 HC inhibits cement hydration.
- Does not contain materials promoting steel corrosion.
- Complements most of the ViscoCrete superplasticizer for a cost-effective shotcrete base mix.
- With the use of Sigunit<sup>®</sup> accelerators cement hydration can be re-started on demand.
- Suitable for mining industry.

### PRODUCT INFORMATION

<b>Chemical Base</b>	A solution of specially selected surface active organic compounds.
<b>Packaging</b>	1000 litre IBC
<b>Shelf Life</b>	Stored at temperatures between 5° C and 35° C in unopened original containers protected from direct sunlight and frost, shelf life is one (1) year.
<b>Storage Conditions</b>	Store protected from direct sunlight and frost at temperatures between 5° C and 35° C .
<b>Appearance / Colour</b>	Clear to slightly cloudy liquid.
<b>Density</b>	1.13 g/cm <sup>3</sup> approximately
<b>Recommended Dosage</b>	Depending on the required amount of retardation, 150-1500 mls/100 kg of cement. Please contact our Technical Team for dosage rate out of the above range.
<b>Dispensing</b>	SikaTard <sup>®</sup> -960 HC is added into the mix at the batching plant together with the gauging water.
<b>Compatibility</b>	SikaTard <sup>®</sup> -960 HC may be combined with all Plastiment, SikaPlast and ViscoCrete admixtures. SikaTard <sup>®</sup> -960 HC is also compatible with the most of Sika <sup>®</sup> Concrete products. Important note: Always conduct trials before combining products in specific mixes and con-

## 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.

## LIMITATIONS

For specific hydration stabilization requirements preliminary laboratory and site trials are essential.

## 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.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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