

# PRODUCT DATA SHEET

## Sika® Frioplast® HC

### CONCRETE ADMIXTURE

#### PRODUCT DESCRIPTION

Sika® Frioplast® HC is a combined air entraining/water reducing liquid admixture specifically formulated for hollow-core precast concrete products. It meets the requirements of BS 8443 Special Purpose Admixtures.

#### USES

Sika® Frioplast® HC has been specifically formulated to improve the early and ultimate strengths of hollow-core concrete precast.

#### CHARACTERISTICS / ADVANTAGES

- Improved early and ultimate strength
- Improved surface finish
- Improved efficiency of cement dispersion
- Improve processing/cycle times
- Reduced drying shrinkage

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Lignosulphonate and surfactant blend
<b>Packaging</b>	1000 litre IBC
<b>Appearance / Colour</b>	Brown Liquid
<b>Shelf Life</b>	12 months from date of production if stored in unopened and undamaged original sealed containers.
<b>Storage Conditions</b>	Protect from sunlight at temperatures between +5°C and +25°C.
<b>Density</b>	1.190 kg/litre
<b>pH-Value</b>	4.5
<b>Specific Advice</b>	Water Soluble Chloride Content: <0.1% (chloride free) Alkali Content: <0.7%

#### APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.25 – 0.55% by weight of cement
<b>Compatibility</b>	<b>Sika@ Admixtures:</b> <ul style="list-style-type: none"> <li>▪ Compatibility information available on request</li> </ul> <b>Cements:</b> <ul style="list-style-type: none"> <li>▪ All cement combinations</li> </ul>

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

- Sika® Frioplast® HC should not be added to dry cement
- Sika® Frioplast® HC should be added with the mixing water

### NOTES ON APPLICATION / LIMITATIONS

- Support from our Technical Service Department is recommended.

## VALUE BASE

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.

## 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.

## 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 LIMITED

Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited

### SIKA IRELAND LIMITED

Ballymun Industrial Estate  
Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @SikaIreland



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