



## PRODUCT DATA SHEET

# SikaControl®-306 PerFin

Surface enhancing and air detraining admixture

### PRODUCT DESCRIPTION

SikaControl®-306 PerFin is a concrete admixture formulated to enhance finished concrete surfaces and/or reduce the air content of concrete.

### WHERE TO USE

SikaControl®-306 PerFin is recommended for use when concrete with minimum surface defects is required or whenever high architectural and aesthetic requirements are desired or a reduction of air content is needed.

SikaControl®-306 PerFin can be used for:

- Structural concrete
- Precast / prestress concrete
- Architectural concrete with high aesthetic demands
- Concrete with high requirements on surface quality

### CHARACTERISTICS / ADVANTAGES

#### Concrete surface enhancement:

- Improved aesthetics and uniformity of concrete without affecting setting times
- Improved concrete durability
- Reduced risk of concrete rejection due to surface quality related issues
- Reduced labour required for surface patching

#### Air content reduction:

SikaControl®-306 PerFin can also be used for the purpose of reducing the total air content of concrete. In non-air entrained concrete mixes, SikaControl®-306 PerFin can be added to minimize undesired air content. In air entrained concrete mixes, SikaControl®-306 PerFin can be used two ways:

- To reduce the total air content to meet the project requirements
- May be used prior to the addition of a standard air entraining admixture

SikaControl®-306 PerFin does not contain intentionally added chlorides.

### PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> <li>▪ 20 L (5.3 US gal) pail</li> <li>▪ 205 L (54 US gal) drum</li> <li>▪ 1040 L (275 US gal) IBC</li> </ul>
Appearance / Colour	Liquid / White
Shelf Life	1 year in original, unopened and undamaged packaging
Storage Conditions	Store dry at warehouse temperatures between 5 °C and 27 °C (40 °F and 80 °F). Protect from frost and direct sunlight. If frozen, the product is at risk of

separation and should not be used.

<b>Specific Gravity</b>	Approx. 1.00
<b>Recommended Dosage</b>	0.1–0.5 % by weight of cementitious material (100 to 500 mL /100 kg of cement). The effectiveness of SikaControl®-306 PerFin depends on concrete mix design, cleanness of form work and form release agent used.
<b>Compatibility</b>	<p>SikaControl®-306 PerFin is compatible with the majority of Sika® admixtures and may be used in mixes containing supplementary cementitious materials such as slag or flyash. Contact your Sika Canada Technical Representative for questions related to product compatibility.</p> <p><b>Note:</b> Each admixture should be added separately to the mix and it is always recommended to verify actual performance by conducting trial batches.</p>

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

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## LIMITATIONS

- When used in air entrained concrete mixes, it is recommended to perform trial evaluations to verify the quality of the air-void system and to ensure the concrete meets the plastic and hardened project requirements.
- When SikaControl®-306 PerFin is stored in bulk tanks, periodic checks of dispensing lines are recommended to prevent product leakage. Use only oil resistant gaskets and hoses. SikaControl®-306 PerFin may cause deterioration of rubber.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## DISPENSING

To achieve best performance, add SikaControl®-306 PerFin into the mixing water. It is also possible to add SikaControl®-306 PerFin directly to freshly mixed concrete in the concrete mixer at the end of the batching cycle. To achieve proper dispersion of SikaControl®-306 PerFin throughout the entire concrete volume, mixing time of minimum 90 seconds is recommended.

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### Other locations

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

### Product Data Sheet

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