

## PRODUCT DATA SHEET

# SikaControl®-300 PerFin

Concrete admixture for improved concrete finishes

### DESCRIPTION

SikaControl®-300 PerFin is a liquid concrete admixture for improving finished concrete surfaces by the reduction of pores and blowholes in the concrete surface.

### USES

For the production of high quality fair faced and architectural concrete:

- Structural
- Precast
- High aesthetic surfaces

### CHARACTERISTICS / ADVANTAGES

- Reduces air voids in mix
- Reduces blowholes or open pores on the concrete surface
- Improved concrete surface
- No negative effects on the fresh or hardened concrete properties
- Does not contain chlorides
- Suitable for use in reinforced and pre-stressed concrete.

### PRODUCT INFORMATION

<b>Composition</b>	Fatty acid esters
<b>Packaging</b>	200 kg drum
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.
<b>Appearance and colour</b>	Amber liquid
<b>Density</b>	990 kg/m <sup>3</sup> (at +20 °C)
<b>pH-Value</b>	~6,0
<b>Total chloride ion content</b>	< 0,10 M-% (chloride-free)
<b>Equivalent sodium oxide</b>	< 1,0 M-%

# TECHNICAL INFORMATION

<b>Concreting guidance</b>	The standard rules of good concreting practice, concerning production as well as placing are to be followed. Laboratory trials must be carried out before concreting on site, especially when using a new mix design or producing new concrete components. Fresh concrete must be cured properly and curing applied as early as possible.
<b>Specific advice</b>	In addition to SikaControl®-300 PerFin, high quality concrete surfaces require: suitable concrete mix design, formwork and mould release agent.

## APPLICATION INFORMATION

<b>Recommended dosage</b>	0,2–1,5 % by weight of cement, usually 1 kg/m <sup>3</sup>
<b>Dispensing</b>	SikaControl®-300 PerFin is added to the gauging water or added with it into the concrete mixer. To achieve the optimum reduction of blowholes a wet mixing time of 90 seconds is recommended.
<b>Compatibility</b>	SikaControl®-300 PerFin may be combined with many other Sika products. Trials must always be carried out before combining products in specific mixes. Contact Sika Technical Services for additional information and any specific combinations.

## 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.

## IMPORTANT CONSIDERATIONS

- It is not possible to use air entraining agents in combination with SikaControl®-300 PerFin.
- When using SikaControl®-300 PerFin a suitable mix design has to be produced and the local material sources must always be trialled.
- If frozen and/or separation of the product has occurred, SikaControl®-300 PerFin may be used after thawing slowly at room temperature and intensive mixing. Before application, suitability tests must be performed.

## 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.

Sika Danmark A/S  
Hirsemarken 5  
3520 Farum  
Tlf. +45 48 18 85 85  
www.sika.dk



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## LOCAL RESTRICTIONS

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

## LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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