

# PRODUCT DATA SHEET

## Sika® D-Foam

### AIR CONTENT REDUCING CONCRETE ADMIXTURE

#### PRODUCT DESCRIPTION

Sika® D-Foam is a liquid admixture that is used to reduce the air content of concrete.

#### USES

- Sika® D-Foam is used to reduce the air content of concrete
- Improve the quality of recycled water for concrete/mortar production

#### CHARACTERISTICS / ADVANTAGES

- Reduced air contents of concrete
- Reduced air contents of mortar
- Improved surface finishes
- Improved use of recycled water in concrete/mortar production

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Modified fatty derivative
<b>Packaging</b>	20 litre drum, 1000 litre IBC
<b>Appearance / Colour</b>	Yellow liquid
<b>Shelf Life</b>	12 months from date of production if stored properly in undamaged containers.
<b>Storage Conditions</b>	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
<b>Density</b>	0.92 kg/litre (at +20°C)
<b>pH-Value</b>	5.0 +/- 1.0
<b>Total Chloride Ion Content</b>	<0.1% w/w (chloride free)

#### TECHNICAL INFORMATION

<b>Specific Advice</b>	Freezing Point: + 1°C Effect on Setting: Extension to normal setting Effect of Overdosing: Retardation Alkali Content: <0.1% w/w
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#### APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.1 -1.5% by weight of cement
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## Compatibility

Sika® Admixtures:

- Compatibility information available on request

Cements:

- All cement combination

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## Dispensing

Sika® D-Foam should be dispensed through suitable calibrated dosing equipment.

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## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

- The standard rules of good concreting practice, concerning production as well as placing, are to be followed. Refer to relevant standards. Fresh concrete must be cured properly.
- Sika® D-Foam should not be added to dry cement.
- Sika® D-Foam should be added with the mixing water.

### NOTES ON APPLICATION / LIMITATIONS

- When using Sika® D-Foam a suitable mix design is required and local material sources should be evaluated.
- Support from our Technical 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.

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