

PRODUCT DATA SHEET

Sika® Defoamer

Air content reducing concrete admixture

DESCRIPTION

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

USES

- Sika® Defoamer is used to reduce the air content of concrete
- Improve the quality of recycled water for concrete production

CHARACTERISTICS / ADVANTAGES

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

PRODUCT INFORMATION

Chemical Base	Ester of Isobutanol and phosphoric acid.
Packaging	20 litre pail
Shelf Life	12 months from date of production if stored properly in undamaged containers.
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Appearance / Colour	Straw coloured liquid
Density	0.96 kg/litre (at +20°C)
pH-Value	7.0 +/- 1.0

APPLICATION INFORMATION

Recommended Dosage	25 - 100 ml per cubic metre of concrete
Dispensing	For maximum efficiency add Sika® Defoamer directly to freshly mixed concrete in the concrete mixer after all batching water and water reducing admixture has been added.
Compatibility	<p>Sika® Admixtures:</p> <ul style="list-style-type: none"> ▪ Compatibility information available on request <p>Cements:</p> <ul style="list-style-type: none"> ▪ All cement 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.

LIMITATIONS

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

ECOLOGY HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

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.

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® Defoamer should not be added to dry cement.
- Sika® Defoamer should be added with the mixing water.

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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