

PRODUCT DATA SHEET

Sikanol®

AIR ENTRAINING/PLASTICISING ADMIXTURE

DESCRIPTION

Sikanol® is a liquid admixture developed to plasticise/air entrain sand/cement masonry mortars.

USES

Sikanol® is added to the mixing water prior to its addition to the cement : sand mix to provide high quality mortar for :

- Brickwork and blockwork mortar
- Cement sand renders and plasters

CHARACTERISTICS / ADVANTAGES

Sikanol® plasticises/air entrains sand/cement masonry mortars.

- Provides plasticity to sand/cement mortar by the entrainment of a controlled amount of air
- High levels of consistency and improved cohesion
- Provides enhanced productivity

PRODUCT INFORMATION

Composition	Surfactant blend
Packaging	5 L/pail, 25 L/pail 200 L/drum
Appearance / Colour	Brown liquid
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging
Storage conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Density	1.01 Kg/L
pH-Value	9.0 - 11.0 approx.
Total Chloride Ion Content	<0.1%
Equivalent Sodium Oxide	<1.0%
Concreting Guidance	The standard rules of good mortar/concreting practice, concerning production and placing, are to be followed. Laboratory trials shall be carried out before concreting on site, especially when using a new mix design or producing new concrete components. Fresh mortar/concrete must be cured properly and curing applied as early as possible.
Recommended Dosage	0.05 – 0.4% by weight of cement

Compatibility

Sikanol® may be combined with many other Sika products.
Important: Always conduct trials before combining products in specific mixes and contact our Technical Service Department for information and advice about any specific combinations.

Dispensing

Sikanol® is added to the gauging water or added with it into the mortar/concrete mixer.

Restrictions

- When using Sikanol® a suitable mix design has to be taken into account and local material sources shall be trialled.
- Sikanol® shall not be added to dry cement.
- Overdosing may increase the entrained air which will give higher workability and a longer working life but lower compressive strength.
- Saturated bricks/blocks may cause a delay in setting/curing.
- Support from our Technical Service Department is recommended.
- Frost: If frozen and / or if precipitation has occurred, Sikanol® may be used after thawing slowly at room temperature followed by intensive re-mixing.

Equipment

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be removed mechanically.

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.

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 Material Safety Data Sheet 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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