

PRODUCT DATA SHEET

SikaMix Mortar Plasticiser

Plasticising and air entraining agent for bricklaying and pointing mortars, screeds and renders

PRODUCT DESCRIPTION

SikaMix Mortar Plasticiser is a ready to use plasticising and air entraining liquid admixture for mortars and plaster. Increases workability, durability and cohesion of bricklaying mortars, renders and screeds. Its chloride free formula helps prevent corrosion of steel, cracking, shrinkage and efflorescence without affecting setting time.

USES

- Bricklaying and pointing mortars, renders and screeds.

CHARACTERISTICS / ADVANTAGES

- Increases frost resistance.
- Reduces shrinkage and cracking.
- Reduces efflorescence.
- Improved adhesion.
- Very economical.
- Increases workability and offers greater consistency and plasticity.
- Improved setting time.
- Very ease to use.
- Non corrosive.

APPROVALS / STANDARDS

Air entraining / plasticising admixture (Table 2) according to EN934-3: 2009 +A1:2012.

Declaration of Performance 53023840, and provided with the CE-mark.

PRODUCT INFORMATION

Chemical Base	Aqueous solution of surfactants
Packaging	5 L
Shelf Life	12 months from date of manufacture when stored according to the manufacturer's instructions
Storage Conditions	Store in cool dry conditions in original tightly closed containers between +5 and +35 °C. PROTECT FROM FROST.
Density	0.98 - 1.02 g/cm ³
pH-Value	7.4 - 9.4
Total Chloride Ion Content	<0.1 % w/w

APPLICATION INFORMATION

Recommended Dosage	125 mL to 250 mL per 50 kg cement, depending on the degree of plasticising/entrainment required.
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VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

- The normal quantity of water should be reduced by at least the same amount of SikaMix Mortar Plasticiser.
- Dosage rates to achieve the desired workability will depend on the class of mortar, temperature, sand quality and cement type. Typically 125 - 250 mL per 50 kg cement added to mix or gauging water.
- Add SikaMix Mortar Plasticiser to some of the clean gauging water. Never add this product straight into the mix.
- Protect all mortars from premature drying.
- SikaMix Mortar Plasticiser can be used with other admixtures but should be added separately.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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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