

# Sikanol<sup>®</sup> M

## Concentrated plasticiser for masonry mortar

### Positioning

#### Description

A liquid, ready to use air entrainer and plasticiser that improves the cohesion and workability of masonry mortars and renders.

#### Uses

Sikanol M is ideal for use in all types of mortars for blockwork, brickwork and external roughcast or plastering applications.

#### Advantages

- Sikanol M is very economical and convenient to use.
- Sikanol M reduces the surface tension of water, allowing it to blend more thoroughly and effectively throughout the mortar to achieve a more consistent mix.
- Plasticity, workability and cohesion of the mortar are significantly improved by the entrainment of evenly dispersed micro bubbles of air throughout the mix.
- Under normal conditions, a noticeable increase in the sand : cement ratio can be achieved without any loss of cohesion, resulting in a reduction of cement used.
- The use of Sikanol M means that the water content of the mix can be reduced. This can lead to increased compressive strength and adhesion.
- Sikanol M can also be used in cement/lime mixes if desired.

### Product Data

#### Form:

Water soluble liquid based on neutralised wood resins.

#### Colour:

Straw

#### Packaging:

Available in 5 litre, 20 litre and 200 litre non- returnable containers.

#### Storage & Shelf Life:

Two (2) years in unopened, original containers when stored free from frost and below 25°C.

### Technical Data

#### Specific gravity:

1.01 kg/litre

#### Air entrainment:

Yes

#### Water reduction:

Yes

#### Chloride content:

Nil

#### Effect on setting time:

Nil

#### Freezing point:

- 5°C

#### Suitability:

All types of Portland cements. Also suitable for use with lime.

#### Compatibility with other Sika admixtures:

Only after consultation with Sika Technical Department.

#### Dosage (typical):

Standard dosage is 60 ml/40 kg bag of cement. Up to 100 ml/40 kg may be required for hand mixed mortar.

### Application Conditions

#### Instructions for use

- For the best results and most effective dispersion, Sikanol M should be premixed with the batching water prior to the addition of sand and cement.
- In the case of hand mixed mortars the dosage rate may need to be increased.
- Do not mix Sikanol M with dry cement. It can however be poured over the dry sand if necessary.



<b>Important Notes</b>	<ul style="list-style-type: none"> <li>• If mortars of high strength are required it is advisable that the air content be continuously checked and monitored. Excessive amounts of entrained air will have a negative effect on strength.</li> <li>• Plastering and rendering containing Sikanol M should still be cured in an acceptable manner. For further information on curing refer to Sika Antisol data sheet.</li> <li>• Dosage rates given are indicative only and may vary according to actual conditions on site and aggregates used.</li> </ul>
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<b>Notes</b>	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.
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<b>Local Restrictions</b>	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.
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<b>Safety Instructions</b>	
<b>Protective Measures</b>	<ul style="list-style-type: none"> <li>• To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work.</li> <li>• Local regulations as well as health and safety advice on packaging labels must be observed.</li> <li>• For further information refer to the Sika Material Safety Data Sheet which is available on request.</li> <li>• If in doubt always follow the directions given on the pack or label.</li> </ul>

<b>Important Notes</b>	<ul style="list-style-type: none"> <li>• Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.</li> <li>• Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.</li> </ul>
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<b>Legal Notes</b>	<p>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.</p>
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