

## PRODUCT DATA SHEET

# EVERBUILD® OPTI-MIX® MORTAR PLASTICISER

### HIGHLY CONCENTRATED AIR ENTRAINING LIQUID PLASTICISING ADMIXTURE

#### PRODUCT DESCRIPTION

EVERBUILD® OPTI-MIX® MORTAR PLASTICISER is a highly concentrated air entraining liquid plasticising admixture which is 25 times the strength of conventional products.

EVERBUILD® OPTI-MIX® MORTAR PLASTICISER forms extremely stable air bubbles in mortar mixes. This improves the workability of mortar, giving it a “buttery” consistency and helps prevent shrinkage, cracking, crazing and mild frost damage during the curing process, as well as providing long term resistance to freeze/thaw cycles. EVERBUILD® OPTI-MIX® MORTAR PLASTICISER replaces lime in the mix and hence reduces the chance of efflorescence (salt formation) and smoothes out variations between separate batches of sand and cement.

#### USES

- Pointing mortars
- Renders
- Screeds
- Bricklaying mortars

#### CHARACTERISTICS / ADVANTAGES

- Concentrated formula; 1 litre is equivalent to 25ltr of standard mortar plasticiser
- Easy to use gauged bottle
- Superior plasticising action
- Improves workability of mortars

#### APPROVALS / STANDARDS

Conforms to BS EN 934-3:2009

#### PRODUCT INFORMATION

<b>Packaging</b>	250ml and 1ltr self gauging plastic bottle
<b>Appearance / Colour</b>	Dark brown liquid
<b>Shelf Life</b>	24 months from date of manufacture.
<b>Storage Conditions</b>	Store in cool dry conditions away from direct sunlight between +5°C and 25°C. Protect from frost
<b>Density</b>	1.02 - 1.06 g/cm <sup>3</sup>
<b>pH-Value</b>	7.2 – 9.2

## APPLICATION INFORMATION

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**Consumption** 5-10ml per 50kg of cement

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### APPLICATION INSTRUCTIONS

#### APPLICATION METHOD / TOOLS

Shake bottle well before use. Push the lid downwards and twist anti-clockwise to remove. Squeeze the sides of the bottle to fill the measuring cup to the required dose (5-10ml per 50kg of cement).

Add EVERBUILD® OPTI-MIX® MORTAR PLASTICISER to a bucket of water and stir/mix well (use up to a maximum 10ltrs of water). Dry mix all other ingredients and add sufficient quantities of water/EVERBUILD® OPTI-MIX® MORTAR PLASTICISER solution until the desired consistency is achieved. Never add EVERBUILD® OPTI-MIX® MORTAR PLASTICISER directly to the dry mix, always let down into a portion of gauging water. Replace cap after use.

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.

### LIMITATIONS

- Do not use in structural concrete.
- Do not exceed the recommended dosage rate range.
- Do not mix with other additives in same gauging water.
- Do not use in lime based mixes
- It is the users responsibility to determine suitability for use. If in doubt contact Technical Services Department for further advice.

### 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.

### 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.

### ECOLOGY, HEALTH AND SAFETY

#### 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

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