

## PRODUCT DATA SHEET

# Feb<sup>®</sup> Febmix Admix<sup>®</sup> - The Original

Vinsol resin, air entraining mortar plasticiser.

## PRODUCT DESCRIPTION

Feb<sup>®</sup> Febmix Admix<sup>®</sup> - The Original vinsol resin air entraining plasticiser that replaces lime in the mix to provide an easy to work "butter like" consistency to the mortar and to minimise shrinkage, cracking and crazing during the setting process. For use in brick laying and plastering mortars. Provides a degree of frost resistance and long term resistance to freeze-thaw cycles when set.

## USES

Feb<sup>®</sup> Febmix Admix<sup>®</sup> - The Original is an admixture for mortars that improves the workability of bricklaying and plastering mortars and significantly increases their resistance to freeze/thaw cycles.

## PRODUCT INFORMATION

<b>Packaging</b>	5 L and 25 L jerry.
<b>Shelf Life</b>	24 months when stored in accordance with the manufacturer's instructions.
<b>Storage Conditions</b>	Store at 5 - 25 °C. Will freeze, but can be reconstituted by stirring after thawing. Stir well before use.
<b>Appearance / Colour</b>	Dark Brown.
<b>Density</b>	ca. 1.01 g/cm <sup>3</sup>
<b>pH-Value</b>	8.4 ± 1
<b>Total Chloride Ion Content</b>	< 0.1% (w/w)

## CHARACTERISTICS / ADVANTAGES

- Mix remains plastic for longer.
- Reduces bleed and segregation of mortar.
- Helps to reduce efflorescence.
- Easier and faster to spread mortar.
- Economical: cuts labour costs; less material used; less waste; cleaner and safer than lime.
- Improved frost resistance.
- Reduces shrinkage: cracking and crazing minimised.
- Improved weather resistance and durability.

**Freezing point** -2 °C

## APPROVALS / STANDARDS

Certified under BS EN 943-3 +A1.

## 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

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### Application

Feb® Febmix Admix® - The Original may either be pre-mixed with gauging water in a storage tank or introduced into the mixing drum at the same time as the water. When mortar is mixed by hand it should be well turned over to achieve maximum plasticity.

### Dosage

Feb® Febmix Admix® - The Original is added at the rate of approx 125-250 ml per 50 kg of cement. Always use the type of sand recommended for a particular application. Test mixes should be carried out to determine optimum dosage.

### Compatibility

Feb® Febmix Admix® - The Original can be used with other admixtures provided these are added separately to the mix. It can be used for all types of Portland cement, including Sulphate Resisting. It can also be used in lime/sand mortars as a further precaution against frost.

## MIXING

Comparative mix designs with and without Feb® Febmix Admix® - The Original as shown below:

Cement: Sand + Feb® Febmix Ad- mix® - The Original	Cement: Lime: Sand	Masonry: Cement: Sand	Typical Uses
1:3	1: ¼: 3	-	Laying load bearing brickwork
1:4:5	1: 0.5: 4.5	-	External rendering (exposed positions) Backing and bedding coats (rough cast)
1:6	1: 1: 6	1: 4: 5	Internal plaster, floating coats, rendering
1:3 to 1:6	Varies	-	Brickwork pointing or re-pointing
1:8	1: 2: 9	1: 6	Laying blocks or sand/lime bricks

## 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 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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