



Febmix Admix - The Original

Mortar Plasticiser

For Brick and Block Laying

- Easier and faster to spread mortar
- Improved frost resistance
- Original vinsol resin formula

Colour	Product Code	Pack Size	Box Qty
Dark Brown	FBMIX5	5L	4
	FBMIX25	25L	1
	FBMIX205	205L	1



Admixtures & Building Chemicals

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Product Description

FEBMIX ADMIX is a liquid, air entraining mortar plasticiser that replaces lime or supplements in the mix and reduces the amount of water required to achieve the desired workability, thus reducing the possibility of shrinkage, which can result in cracking and crazing. Minute bubbles of air entrained in the hardened mortar provide space for the expansion of water when freezing occurs without disturbance to the body of the mortar.

FEBMIX ADMIX is recommended in all mortars - whenever a more plastic and easily manageable mortar is required.

FEBMIX ADMIX conforms fully to the requirements of BS4887: Pt 1 1987 and has been tested to the requirements of EN 934 Part 3.

Typical Uses

- FEBMIX ADMIX is an admixture for mortars that improves the workability of bricklaying and plastering mortars and significantly increases their resistance to freeze/thaw cycles.

Features & Benefits

- 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.

Instructions for Use

Application

FEBMIX ADMIX 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

FEBMIX ADMIX 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

FEBMIX ADMIX 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.

Storage

Store at moderate temperatures. Will freeze, but can be reconstituted by stirring after thawing. Stir before use.

Shelf Life

Minimum two years when stored in accordance with the manufacturer's instructions.

Performance Data

Specific gravity @ 20°C	1.01
pH	11.8
Chloride Ion Content	< 0.1% (w/w) of admixture (nil)
Freezing Point	-2°C

Comparative mix designs with and without FEBMIX ADMIX - THE ORIGINAL as shown below:

Cement: Sand + FEBMIX ADMIX – 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 concrete or sand/lime bricks.



Serious Construction Chemicals