

Febproof Plus

Waterproofer and Plasticiser

For Screeds, Mortars and Non-Structural Concrete Rendering. Conforms to BS4887.

- Improved workability
- High resistance to water
- Reduces incidence of efflorescence

Colour	Product Code	Pack Size	Box Qty
Amber	FBPROOFPS5	5L	4
	FBPROOFPS25	25L	1



Admixtures & Building Chemicals

Product Description

FEBPROOF PLUS reduces water absorption and makes mortar or non-structural concrete less permeable. Due to its strong air-entraining plasticiser, the water cement ratio is much lower for the same workability. FEBPROOF PLUS has been tested to the requirements of EN 934 Part 3.

Typical Uses

FEBPROOF PLUS is suitable for use in rendering finishes and pointing mortars. It is also used in reconstructed stone and non-structural concrete members.

- External Rendering.
- Special Finishes.
- Pebble dash.
- Roughcast.
- Stucco etc.
- Reconstructed stone.

Features & Benefits

- Improves weathering properties.
- Reduced suction aids pebble dashing – larger areas covered easily.
- Improves water resistance.
- Reduces onset of efflorescence.
- Improved application properties.
- Supplements/replaces lime.
- Drying shrinkage, crazing and cracking reduced.
- Improved frost resistance.

FEBPROOF PLUS contains a highly hydrophobic material which is dispersed throughout the mix and thus reduces moisture penetration.

FEBPROOF PLUS also entrains air and this reduces capillary and water channel development, thus ensuring greatly increased water tightness and resistance to frost. In addition, due to its plasticising action, reductions in water content of up to 20% are attained. FEBPROOF PLUS slightly retards the mix, e.g. A 3:1 sand/cement mix will be retarded by about an hour.

Instructions for Use

Application

FEBPROOF PLUS is ready for use and is added to the mixing water at the selected dosage rate.

Dosage

0.5-1 Litre per 50kg cement.

Storage

Protect from frost. Stir before use.

Shelf Life

Minimum two years if stored in accordance with manufacturers instructions in unopened containers.

Performance Data

Specific gravity @ 20°C	1.010
pH	11.60
Chloride Ion Content	< 0.1% (w/w) of admixture (nil)
Freezing Point	-3°C
Water Absorption (dosage 750ml/50kg cem)	5% compared to 15% for a standard 4:1 sand/cement mix
Set time ASTM C403: 1990 (dosage 750ml/50k cem)	100% longer than control

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