



FEBPROOF PLUS

Waterproofer and Plasticiser

Description of Product

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 conforms to the requirements of EN 934 Part 3 (2009)

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 and 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 up to 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

750ml per 100kg cement.

One part Febproof Plus to 40-80 parts gauging water.

Limitations

Do not use in structural concrete. Not intended as a DPC replacement. Will not withstand permanent hydrostatic pressure. For tanking applications, use in conjunction with DPM.

NOTE: Final finish does not repel water. If a water-repellent finish is required, coat render/screed etc with FEBASILICON. To avoid excessive air entrainment, do not overdose or over mix. Always premix this product with gauging water – never add direct to mix. Do not mix with other additives in same gauging water. Dispose of this product and packaging correctly. Do not allow to enter watercourses.

It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for further advice.

Revision2 – 28/3/11

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	1.010
pH	11.60
Chloride Ion Content	<0.1%(w/w) of admixture (nil)


Site 41, Cross Green Industrial estate, Knowsthorpe Way, Leeds LS9 0SW
11 0086-CPD-565048 EN934-3 (2009) Air entraining/plasticizing admixture for masonry mortar EN934-3, T2. Chloride content: <0.1% w/w Alkali content : 1.9 % by mass