

POWER-PROOF

Concentrated Water Resistant Plasticiser For Mortar and Render

Technical Data Sheet



BUILDERS COMPLETE RANGE

CLASS
EN934-3

Description:

A premium grade, concentrated integral water resistant plasticiser designed to improve resistance to water penetration both internally and externally whilst giving all the benefits of a mortar plasticiser. Conforms to EN934-3:2009 + A1 (2012).

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TIMES

STRONGER
CONCENTRATE

Benefits:

- ◆ Improves the plasticity of the mix making it easier to use.
- ◆ Retards suction in multi-layer renders.
- ◆ Reacts with free lime in the mortar to form hydrophobic crystals which block the pores, thereby improving the water resistance of the mix.

Uses

To help mortars and renders resist external and/or internal water pressures. Suitable for use on renderings, retaining walls, swimming pools, roof screeds, basement walls and all applications where water penetration is a problem.

Application

This product is supplied in a carefully measured dosage bottle, simply squeeze the bottle to administer the correct amount of liquid into the delivery nozzle.

Add to gauging water in the ratio of 25-50ml Bond It **POWER-PROOF** to each 25Kg bag of cement and reduce the total volume of gauging water to achieve the desired consistency. Use the appropriate sand/cement ratio for dense high quality mortar. Ensure the mortar is firmly compacted and do not over mix the mortar.

Limitations

This is not a vapour-proofing product, therefore, a separate vapour-proof membrane is required for vapour-proof applications. Do not overmix the mortar/concrete, to prevent excessive air entrainment and subsequent loss of strength.

Container Size

1L plastic dosing bottle.

Coverage

25-50ml **POWER-PROOF** for every 25Kgs of cement.

Colour

Pink in colour.

Shelf Life

2 years from date of manufacture when stored in sealed bottles.

Storage Conditions

Store in cool, dry conditions. Protect from frost.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.



Specification Summary

Appearance	Pink liquid
Flammability	Non-flammable
pH	8.5
Solubility in water	Soluble
UFI	5220-1084-500J-9DAW

Product / Order Details:

Code	Colour	Size	Barcode
POWP1	Pink	1L	5060021364494



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BOND IT

G16 River Bank Way, Elland. HX5 9DN. UK

EN934-3:2009

Air entraining plasticiser for masonry mortar EN934-3 T.2

Maximum chloride ion content <0.1% by mass

Maximum alkali content <1% by mass

Corrosion behaviour Contains components only from EN934-1:2008 Annex A.1



Part of the Bond It Builders Complete Range



The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number:
6152
ISO 9001; ISO 14001;
ISO 45001



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