

POWER-MIX

Concentrated Liquid Mortar Plasticiser

Technical Data Sheet



BUILDERS COMPLETE RANGE

CLASS
EN934-3

Description:

A premium quality, concentrated plasticiser designed to improve the workability of all Portland cement based mortars and to increase their resistance to freeze-thaw cycles. Conforms to EN934-3:2009 + A1 (2012).

20
TIMES

STRONGER
CONCENTRATE

Benefits:

- ◆ Eliminates the need for additional lime to be added to the mix.
- ◆ Entrains air increasing workability and frost resistance.
- ◆ Gauging water requirements are reduced minimising the risk of cracking or crazing because of shrinkage while drying.

Uses

For addition to brick mortars, cement renders, pointing mixes. Replacing lime in the above mixes.

Application

SHAKE WELL BEFORE USE. 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. Use at the rate of 4ml per 25Kg bag of cement.

For hand mixing best results are obtained by adding the **POWER-MIX** to the gauging water before mixing. In the case of mechanical mixers, the liquid may be added directly to the cement mixer. Add approximately 50ml of **POWER-MIX** per 200L (45 gallons) of water.

Limitations

Do not use at temperatures below +2°C or when temperature is expected to drop below 0°C within 24 hours.

Coverage

500ml **POWER-MIX** will be sufficient for 125 bags of 25Kg cement.

Container Size

500ml and 1L plastic dosing bottle.

Colour

POWER-MIX is brown 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 and high temperatures.

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	Brown liquid
Flammability	Non-flammable
Solubility in water	Totally soluble
Composition	Blend of synthetic surfactants and wood resin
UFI	9Y10-H0JQ-V002-M1RU

Product / Order Details:

Code	Colour	Size	Barcode
POWM05	Brown	500ml	5060021364463
POWM1	Brown	1L	5060021364470

CE

1029
13

UK
CA

0120
22

BOND IT

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

EN934-3:2009 + A1 (2012).

Air entraining plasticiser for Masonry Mortar EN934-3 T2

Maximum chloride ion content <0.1% by mass

Maximum alkali content <3.0%

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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