

# POWER-MIX

## Concentrated Liquid Mortar Plasticisers

### Technical Data Sheet



**20**  
Times  
Stronger  
Concentrate

#### BUILDERS COMPLETE RANGE

CLASS  
EN934-3 T2

#### 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), Class T2.*

#### Features & Benefits:

- ◆ Improves workability.
- ◆ Eliminates the need for additional lime to be added to the mix.
- ◆ Increases resistance to freeze-thaw cycles.
- ◆ Minimises the risk of cracking or crazing.
- ◆ Simply add to gauging water.

#### Uses

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

#### Limitations

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

#### 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 MORTAR PLASTICISER to the gauging water, reducing the total volume of water to achieve the desired consistency. In the case of mechanical mixes the MORTAR PLASTICISER may be added directly to the cement mixer. Use the appropriate sand/cement ratio for dense, high quality mortar. Ensure the mortar is firmly compacted and do not overmix.

#### Size

500ml and 1L plastic dosing bottles.

#### Coverage

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

#### Colour

Brown liquid.

#### Shelf Life

24 months from date of manufacture when stored in unopened bottles.

#### Storage Conditions

Store in cool, dry conditions in a sealed container between +5 and +30°C and protect from frost, high temperatures and direct sunlight.

#### Disposal Of Containers

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

#### Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's 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.*



## Specification Summary

Appearance	Brown liquid
Flammability	Non-flammable
Boiling Point	+100°C
Solubility in water	Totally soluble
Composition	Blend of synthetic surfactants and wood resin
pH	10-11
Application Temperature	+2°C to +30°C
Commodity Code	3824400000

## Product / Order Details

Code	Colour	Fill	Barcode	UFI
POWM1	Brown	1L	5060021364470	9Y10-H0JQ-V002-M1RU

**UK  
CA**

24

**CE**

13

### BOND IT

H4 Premier Way, Elland. HX5 9HF. UK

### EN934-3:2009 + A1 (2012).

Air entraining plasticiser for masonry mortar EN934-3 T2.

**DoP: POWM  
NB: 0120**

**DoP: POWM  
NB: 1029**

**Maximum chloride ion content** <0.1% by mass

**Maximum alkali content** <3.0% by mass

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



## Part of the Bond It Builders Complete Range

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*Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does 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.*



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 ISO 9001  
 ISO 14001  
 ISO 45001

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