



LIQUID MORTAR PLASTICISER

Extra Strength Additive/ Lime Replacement for Cement Mixes

Technical Data Sheet



BUILDERS COMPLETE RANGE

**CLASS
EN934-3 T2**

Description:

A premium quality 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 to improve workability and frost resistance. Replacement for 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. Use at the rate of 100ml to 150ml 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

5L and 25L plastic bottles. 200L also available on request.

Coverage

100-150ml MORTAR PLASTICISER for every 25Kgs of cement.

Colour

Red 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	Red liquid
Flammability	Non-flammable
Boiling Point	+100°C
Solubility in Water	Totally soluble
Composition	Blend of synthetic surfactants
pH	5-6
Application Temperature	+2°C to +30°C
Commodity Code	3824400000

Product / Order Details

Code	Colour	Size	Barcode	UFI
BDH010	Red	5L	5060021361141	-
BDH011	Red	25L	5060021361158	-
BDH012	Red	200L	5060021364227	-



Part of the Bond It Builders Complete Range

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EN934-3:2009 + A1 (2012).

Air entraining plasticiser for masonry mortar EN934-3 T2.

**DoP: BDH010-2
NB: 1020**

**DoP: BDH010-2
NB: 1029**

Maximum chloride ion content <0.1% by mass

Maximum alkali content <0.2% by mass

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

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 45001

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