

BPI Water Resistant Plasticiser

Plasticity Improver For Mortar & Render

Technical Data Sheet

PROFESSIONAL RANGE



CLASS
EN934-3 T2



Description:

BPI Water Resistant Plasticiser is a high-performance liquid admixture developed to enhance the workability and durability of mortar and render mixes while reducing water ingress. Conforms to EN934-3:2009 + A1 (2012), Class T2.

Features & Benefits:

- *Improves the plasticity of the mix making it easier to use.*
- *Improves water resistance.*
- *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.*
- *Simply add to gauging water.*

Uses

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

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. 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. Add to gauging water in the ratio of 0.25 - 0.5 litres BPI Water Resistant Plasticiser 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.

Size

5L and 25L plastic bottles.

Coverage

0.25 - 0.5 litres for every 25Kgs of cement.

Colour

Pink.

Shelf Life

24 months from date of manufacture when stored in original, 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 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 the BPI 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.

System Compatibility

Designed for use with BPI Waterproofing Systems.



Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

Appearance	Pale pink liquid
Flammability	Non-flammable
Boiling Point	+100°C
Composition	Blend of fatty acids and potassium hydroxide
Solubility in water	Soluble
pH	12-14
Application Temperature	+2°C to +30°C
Commodity Code	3824400000

Product / Order Details

Code	Colour	Fill	Barcode
BPI.PLAS.5	Pink	5L	5061123140016
BPI.PLAS.25	Pink	25L	5061123140023

5L



25L



UKCA (26) | CE (26)

**Seal It Services Ltd, Unit H4 Premier Way, Elland, HX5
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EN 934-3:2009 + A1:2012

Air entraining plasticiser for masonry mortar – Type T2

DoP: BPI-WRP-001 | NB: 0120 / 1029

Maximum chloride ion content: <0.1% by mass

Maximum alkali content: <1.5% 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.

Part of the BPI Professional Range

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