



Never compromise on quality!



EN934-2



# FROSTPROOFER & RAPID HARDENER

CHLORIDE FREE

## Description

A premium grade chloride-free frost proofer and rapid hardener designed to allow the use of mortars/concretes in freezing conditions as well as accelerating the rate of cure. Conforms to EN 934-2.

Bond It FROSTPROOFER & RAPID HARDENER increases the rate of curing of the mortar to reduce the possibility of cracking, caused by frost. This formulation works by exothermic reaction and has been manufactured to offer a non corrosive, CHLORIDE-FREE product which will not attack stainless steel used in wall ties, concrete reinforcement, etc.

## Uses

To facilitate all year round construction where low, ambient temperature may normally cause a lull in the rate of production. Bond It FROSTPROOFER & RAPID HARDENER increases the rate of hydration, accelerating the rate of cure as well as allowing a reduction in the total volume of gauging water required, therefore, improving the frost resistance of the mortar/concrete.

Due to the final mortar/concrete being more dense the final result is an improved oil and water resistant product.

## Application

Add to the gauging water in the ratio of 1.5 to 2.25 litres Bond It FROSTPROOFER & RAPID HARDENER to each 25Kgs of cement and reduce the total amount of gauging water accordingly. After laying of the mortar/concrete take usual precautions for protection against climatic conditions.

## Limitations

For use below 4°C hot water is recommended.

## Storage Conditions

Store in cool, dry conditions. Protect from frost.

## Shelf Life

Up to 24 months when stored according to manufacturers instructions.

## Coverage

1.5 to 2.25 litres for every 25Kgs of cement.

## Disposal of Containers

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

## Health & Safety

- ◆ Non-flammable.
- ◆ Avoid eye contact. Wear eye and face protection. In the event of contact irrigate eyes immediately with plenty of cold, clean water for 15 minutes and seek medical attention.
- ◆ Avoid prolonged contact with skin. Wear wellington boots, protective clothing and gloves.
- ◆ Do not ingest. In the event of ingestion, do not induce vomiting, drink plenty of water and seek medical attention.
- ◆ Thoroughly wash hands with soap and water after use.
- ◆ Keep out of reach of children.
- ◆ Some people are more sensitive to chemical products than others. If irritation occurs discontinue use.
- ◆ See separate material safety data sheet for full handling, use and storage.

## Specification Summary

Appearance	Pale Blue Liquid
Flammability	Non Flammable
Solubility in water	Soluble

## Container Sizes

<b>Code:</b> BDH030	BDH031	BDH032
<b>Size:</b> 5L	25L	200L
<b>Barcode:</b> 5060021361189	5060021362391	5060021364203



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### BOND IT

G16 River Bank Way, Lowfields Business Park,  
Elland, West Yorkshire. HX5 9DN

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GB13/89053

EN934-2:2009

Set accelerating admixture for concrete EN934-2:T.6

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

**Maximum alkali content** <0.1% by mass

**Corrosion behaviour** Contains the following components from EN934-1:2008 Annex A.2 - Nitrates

*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 express or implied, of the fitness or suitability of the products for a particular purpose.*



Certificate Number: 6152  
ISO 9001  
ISO 14001



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