



Cementone Chloride-Free Frostproofers & Accelerators

PLASTICISES AND ACCELERATES SETTING TIME OF MORTAR MIXES

Date: 07 November 2017

Fact Sheet No.: TDS00408

YOUR SMART ADVANTAGES

- Ideal for Winter & cold weather use
- Year round accelerator
- For mortars with embedded metal

USES

Bostik Chloride-Free Frostproofers & Accelerators (formerly known as Cementone Wintaplas Chloride-Free Frostproofers) is formulated to accelerate the setting of mortar mixes year round but particularly in cold weather and during the Winter months.

It is designed for use where calcium chloride accelerators are not permitted and is ideal for bricklaying, rendering and blockwork. Bostik Chloride-Free Frostproofers & Accelerators plasticises the mix to improve its workability and frost resistance making it suitable for mortars and non-structural concrete with embedded metal. It complies with EN934-3.

PRODUCT CHARACTERISTICS

Colour	Orange
Form	Thin liquid
Specific Gravity	1.1 approx.
Composition	Chloride-free nitrate solution
Product Codes	30812487 5 litres x 4 30812488 25 litres
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 24 months from date of manufacture in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect

from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Solvent for Cleaning Clean tools and equipment immediately after use with water

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Chloride-Free Frostproofers & Accelerators refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

MIX RATIOS

The mix ratios below are for guidance only and do not constitute a specification.

Ambient Temperature Drop	Amount
Ambient temperature expected to fall to -4°C	850 – 900ml per 25kg cement
Ambient temperature expected to fall below -4°C	1700 – 1800ml per 25kg cement

APPLICATION

Bostik Chloride-Free Frostproofers has been designed to work with Portland cement: CEM I and Portland-fly ash cement: CEM II/B-V. For other types of cement e.g. Portland-limestone CEM II/A-LL it is recommended that a small trial is carried out to ascertain the optimum mix ratios as cement and sand types can vary.

IMPORTANT: Do not use in concrete which is structural i.e. load bearing, reinforced, pre-stressed or steam cured. Ensure materials and procedures comply with the appropriate British Standards. Do not exceed ratios stated. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. Not suitable for floor screeds. Ensure the substrate is strong enough to support the weight of any render being applied.

1. Shake well. Add to gauging water at the appropriate dosage. Reduce gauging water accordingly.

2. Ensure sand for mortar complies with the appropriate British Standards and that work is carried out in accordance with BS EN 1996 parts 1 & 2 and PD. 6697 : 2010. Always use fresh cement.
3. All materials must be free from ice and the temperature of the mix prior to placing should not be below +4°C.
4. Keep the mortar above freezing point until minimum strength is attained by covering with a plastic sheet.

CLEANING

5. Clean tools and equipment immediately after use with water.

PRECAUTIONS IN USE

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For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Chloride-Free Frostproofer & Accelerator, available at www.bostik.com/uk.



BOSTIK HOTLINE

Smart help +44 (0) 1785 272625

**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No.: TDS00408

Product Description: **Bostik Chloride-Free Frostproofers & Accelerators**
Product Code: **5011734010628, 5011734011083 & 5000403111506**
Intended Use: **For Use as an Air Entraining/Plasticising
Admixture for Masonry Mortar**
Manufacturer: **Bostik Ltd**
Contact Address: **Ulverscroft Road
Leicester
LE4 6BW**
System of Assessment: **System 2+**
Harmonised Standard: **EN934-3: 2009 + A1:2012**

BSi 0086 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the certificate of conformity of the factory production control.

Declared Performance:

Essential Characteristics	Performance	Harmonised technical specification
Chloride ion content	<0.1% by mass	EN934-3: 2009 + A1:2012
Alkali content	0.1% by mass	
Corrosion behaviour	NPD EN934-1 Annex A.2: contains Nitrates	

The performance of the product Bostik Chloride-Free Frostproofers & Accelerators 5011734010628, 5011734011083 & 5000403111506 is in conformity with the declared performance shown in the table above.

This declaration of performance is issued under the sole responsibility of Bostik Ltd.

Signed for and on behalf of Bostik Ltd by:

Name: Alison Jamieson

Function: S.H.E.Q. Manager

Signature: 

Date: June 2013

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This TDS covers just one of a large range of products supplied by the Company.

Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.

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