



Mortar Plasticiser

SMOOTH, EASY TO WORK MORTAR

Date: 07 November 2018

Fact Sheet No.: TDS00800

YOUR SMART ADVANTAGES

- Improves workability
- Minimises cracking and crazing
- Complies with EN934-3

USES

Bostik Mortar Plasticiser (formerly known as Cementone Cemplas Mortar Plasticiser) is a blend of modified lignin-based surface-active agents free from chlorides. It improves the workability of mortar without the addition of lime. It helps reduce grittiness to provide a smooth easy to work mortar with improved durability and protection against frost. It also reduces the water content of the mortar. Bostik Mortar Plasticiser is suitable for use to improve mortars for applications such as; bricklaying, blockwork and rendering.

PRODUCT CHARACTERISTICS

Colour	Dark Brown
Form	Thin liquid
Specific Gravity	1.0 approx.
Composition	Aqueous solution of modified, lignin-based surface –active agents
Product Codes	30812466 5L x 4 30812465 25L 30812464 210L 30612478 5L (EN/PL/RO) 30612479 5L (FR/ES/PT) 30612480 1L x 6 (EN/PL/RO)
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 12

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.)

Application Temperature	+5°C to +40°C
Coverage	A 5 litre bottle is sufficient to plasticise 55 – 58 mixes based upon 25kg of cement. A 25 litre bottle is sufficient to plasticise 275 – 290 mixes based upon 25kg of cement.
Mix Ratios	Refer to the Mixing section on page 2

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Mortar Plasticiser refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

Bostik Mortar Plasticiser 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 these cement types and sand can vary.

IMPORTANT: Do not use in concrete which is structural i.e. load bearing, reinforced, pre-stressed or steam cured. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate 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.

1. Ensure that all components of the mix are above 5°C.
2. Sands and aggregate should be dry for best results.

MIXING

3. Add direct to mix: 85 – 90ml per 25kg cement

Application	Sand	Cement	Mortar Plasticiser
Bricklaying	6 – 8 parts BUILDING	1 part	ADDED DIRECT TO MIX 85 – 90ml per 25kg cement
Wall Rendering	4 – 6 parts SHARP	1 part	
Bedding	4 – 6 parts BUILDING	1 part	
Pointing	3 parts BUILDING	1 part	
Rough Cast	4 – 5 parts SHARP	1 part	

APPLICATION

4. Shake well before use.
5. Mix the Mortar Plasticiser with gauging water in the proportions above and add to the dry mix.
6. When using Bostik Mortar Plasticiser 10 – 15% less water is usually required.

CLEANING

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

PRECAUTIONS IN USE

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Do not use in concrete which is structural, loadbearing, reinforced, pre-stressed, steam cured or contains embedded metals. Work should not be carried out at temperatures below +5°C or when temperatures are expected to fall below this. 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.

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 Mortar Plasticiser, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00800

Product Description: **Bostik Mortar Plasticiser**

Product Code: **5011734021372, 5011734021365, 5011734021389, 5000403111490, 5010591365018, 5010591004139, 3549212479916 & 5010591006034**

Intended Use: **For Use as an Air Entraining/Plasticising
Admixture for Masonry Mortar**

Manufacturer:
Contact Address: **Bostik Ltd
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	0.2% by mass	
Corrosion behaviour	NPD EN934-1 Annex A.1 Approved	

The performance of the product Bostik Mortar Plasticiser 5011734021372, 5011734021365, 5011734021389, 5000403111490, 5010591365018, 5010591004139, 3549212479916 & 5010591006034 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: Marrianne Drayton

Function: Quality Manager

Signature: 

Date: February 2018

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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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