



# Mortar Plasticiser

SMOOTH, EASY TO WORK MORTAR

Date: 19 August 2020

Fact Sheet No.: TDS00800

## YOUR SMART ADVANTAGES

- Improves workability and durability of mortar
- Minimises cracking and crazing
- Complies with EN934-3

## USES

Bostik Cemplas Mortar Plasticiser 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 improves mortars for applications such as; bricklaying, blockwork and rendering. It is a blend of modified lignin-based surface-active agents free from chlorides.

## 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	<table border="0"> <tr> <td>30812466</td> <td>5 litres x 4</td> </tr> <tr> <td>30812465</td> <td>25 litres</td> </tr> <tr> <td>30812464</td> <td>210 litres</td> </tr> <tr> <td>30612478</td> <td>5 litres (EN/PL/RO)</td> </tr> <tr> <td>30612479</td> <td>5 litres (FR/ES/PT)</td> </tr> <tr> <td>30612480</td> <td>1 litre x 6 (EN/PL/RO)</td> </tr> </table>	30812466	5 litres x 4	30812465	25 litres	30812464	210 litres	30612478	5 litres (EN/PL/RO)	30612479	5 litres (FR/ES/PT)	30612480	1 litre x 6 (EN/PL/RO)
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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 in cool, dry conditions within the temperature range +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	<p>A 5 litre container is sufficient to plasticise 55 – 58 mixes based upon 25kg of cement</p> <p>A 25 litre container is sufficient to plasticise 275 – 290 mixes based upon 25kg of cement</p>
Mix Ratios	85 – 90ml of Bostik Mortar Plasticiser per 25kg of cement
Cleaning	Clean tools and equipment with water immediately after use

## DIRECTIONS FOR USE

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

**APPLICATION**

3. Shake well before use.
4. Mix Bostik Mortar Plasticiser with gauging water in the proportions below and add to the dry mix.

Application	Sand	Cement	Mortar Plasticiser
Bricklaying	6 - 8 parts BUILDING	1 part	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	

5. When using Bostik Mortar Plasticiser 10 - 15% less water is usually required.

**CLEANING**

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

**PRECAUTIONS IN USE**

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.com/uk](http://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](http://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: **Bostik Ltd**  
Contact Address: **Common Road  
Stafford  
ST16 3EH**

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	<b>EN934-3: 2009 + A1:2012</b>
Alkali content	0.2% by mass	
Corrosion behaviour	<b>NPD EN934-1 Annex A.1 Approved</b>	

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:** Marrienne Drayton

**Function:** Quality Manager

**Signature:** 

**Date:** February 2018

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Safety Data Sheets	Tel: 01785 272625	Fax: 01785 212962	<a href="mailto:sds.box-eu@bostik.com">sds.box-eu@bostik.com</a>