



Sealocrete Sealomix

MORTAR PLASTICISER

Date: 18 December 2015

Fact Sheet No.: TDS00059

YOUR SMART ADVANTAGES

- Improves workability and adhesion of mortar
- Minimises cracking and crazing
- Aids frost resistance

USES

Sealocrete Sealomix Mortar Plasticiser is a mortar plasticiser designed to improve the workability of mortar. It increases resistance to continuous freezing and thawing in the dried mortar, helping to prevent cracking and crazing. Sealocrete Sealomix Mortar Plasticiser works by entraining microscopic stable air bubbles in the mortar mix. Sealocrete Sealomix Mortar Plasticiser may be used in concrete to aid frost resistance, but should not be used in structural concrete. Sealocrete Sealomix Mortar Plasticiser can be used internally and externally. Sealocrete Sealomix Mortar Plasticiser conforms to EN934-3: 2009.

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	30812093 5 litres x 4 30812094 25 litres
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 +25°C
Mix Ratio	85 - 90ml of Sealocrete Sealomix Mortar Plasticiser per 25kg of cement
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

DIRECTIONS FOR USE

IMPORTANT: Before using Sealocrete Sealomix Mortar Plasticiser refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

Sealocrete Sealomix 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 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.

1. Shake Sealocrete Sealomix Mortar Plasticiser well before use.



FM 01696
BS EN ISO 9001:2008

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APPLICATION

2. Add 85 – 90ml of Sealocrete Sealomix Mortar Plasticiser per 25kg of cement.
3. When using Sealocrete Sealomix Mortar Plasticiser 10 – 15% less water is usually required.

Bricklaying:

4. Mix 1 part cement to 6 parts sand plus Sealocrete Sealomix Mortar Plasticiser (as stated above).

Rendering:

5. For internal floating coats and external rendering, mix 1 part cement to 6 parts sand plus Sealocrete Sealomix Mortar Plasticiser (as stated above).
6. For roughcast use 1 part cement to 4.5 parts sand plus Sealocrete Sealomix Mortar Plasticiser (as stated above).
7. Sealocrete Sealomix Mortar Plasticiser does not change the colour of the mortar. Sealocrete Sealomix Mortar Plasticiser is free from chlorides so can be used with metal reinforcement.

CLEANING

8. 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.co.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 Sealocrete Sealomix Mortar Plasticiser, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00059

Product Description: **Sealocrete Sealomix**

Product Code: **5011961010507 & 5011961012501**

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 Sealocrete Sealomix 5011961010507 & 5011961012501 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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