



Liquid Colour for Cement

FOR CONCRETE, MORTAR, RENDER AND SCREEDS

Date: 07 November 2018

Fact Sheet No.: TDS00004

YOUR SMART ADVANTAGES

- Lightfast colour
- Easier incorporation into mix
- Even depth of colour

USES

Bostik Liquid Colour for Cement (formerly known as Cementone Liquid Colour for Cement) is a high quality pigment dispersion for colouring cement mixes of concrete, mortar, render and screeds. The colours are lightfast and disperse easily and evenly into the mix. Bostik Liquid Colour for Cement use pigments that conform to EN 12878: 2014.

Bostik Liquid Colour for Cement is suitable for colouring concrete and mortar, colouring rendering – e.g. walls, swimming pools and colouring flooring – sand/cement screeds, and granolithic floors.

PRODUCT CHARACTERISTICS

Colours	Red, black, yellow, brown & orange
Form	Thin paste
Specific Gravity	1.4 – 1.9 approx.
Composition	Red, yellow & orange – Synthetic iron oxide dispersion Black – Carbon black dispersion Brown – Carbon/iron oxide blend
Product Codes	30812559 Black 1L x 6 30812560 Red 1L x 6 30611941 Black 1L x 6 (EN/PL/RO) 30611899 Red 1L x 6 (EN/PL/RO)

	30611901 Yellow 1L x 6 (EN/PL/RO) 30611942 Brown 1L x 6 (EN/PL/RO) 30611939 Orange 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.)

Dosage	Up to 1.25 litres Bostik Liquid Colour for Cement per 25kg cement.
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DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Liquid Colour for Cement refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

1. Ensure Bostik Liquid Colour for Cement is thoroughly mixed before using as settlement can occur, particularly after transportation or if left standing unused for a long period of time.
2. Check that the sand colour is similar to the final colour required. The type and colour of the sand, cement and aggregate used can have a significant contribution to the final colour.
3. Always use Bostik Liquid Colour for Cement from the same batch to ensure consistency.
4. The exact colour achieved will depend on the grade and colour of sand, cement and aggregate used. Trial batches should be carried out initially to determine the optimum dosage to obtain shade required. Mix a small

trial batch and allow to dry before assessing the final colour.

5. If more than one batch number of Bostik Liquid Colour for Cement is used, mix Bostik Liquid Colour for Cement together before use for consistent colour matching.
6. For pastel shades white cement is recommended.
7. To ensure colour consistency use the same grades and weights of ingredients for the whole project. The same quantity of gauging water must be added to each batch.

APPLICATION

8. Bostik Liquid Colour for Cement should always be added to gauging water.
9. To obtain the required colour, Bostik Liquid Colour for Cement should be used at the addition rate stated under 'Dosage'. When colour matching, always assess match on a set, dry mix.
10. Avoid over-trowelling and never disturb the set once it has taken place.
11. To reduce efflorescence, lime bloom and therefore improve colour retention in mortars, add Bostik Integral Waterproofer to the mix at the recommended dosage (see separate product data sheet).
12. For external rendering to reduce efflorescence add Bostik Integral Waterproofer to the mix at the recommended dosage (see separate product data sheet for more information).

CLEANING

13. Clean tools and equipment in water immediately after use.

PRECAUTIONS IN USE

Do not use more than one admixture in mixes incorporating Bostik Liquid Colour for Cement. Bostik Liquid Colour for Cement cannot be used as a surface stain and must always be incorporated into a cement based mix. To ensure colour consistency, ensure product from the same batch is used. Product should be transported safely, upright and the lid should be fully closed.

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 Liquid Colour for Cement, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00004

Product Description: **Bostik Liquid Colour for Cement for Cement**

Product Code: **5000403110356, 5000403110363, 5010591004238, 5010591004191, 5010591004214, 5010591004252 & 5010591004252**

Intended Use: **Pigments for the colouring of building materials based on cement and/or lime**

Manufacturer:
Contact Address: **Bostik Ltd
Ulverscroft Road
Leicester
LE4 6BW**

System of Assessment: **System 2+**

Harmonised Standard: **EN12878: 2014, Category A**

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
Chemical composition	Black	Carbon	EN12878: 2014
	Red	Synthetic Iron Oxide	
	Yellow	Synthetic Iron Oxide	
	Brown	Carbon/Iron Oxide Blend	
	Orange	Synthetic Iron Oxide	
Setting time	Pass		
Compressive strength	Category A		
Soluble chloride content	Category A		
Total chlorine content	Category A		
Water soluble content	Category A		
Loss on ignition	Pass		
Emission of radioactivity and release of dangerous substances	NPD		

The performance of the product Bostik Liquid Colour for Cement for Cement 5000403110356, 5000403110363, 5010591004238, 5010591004191, 5010591004214, 5010591004252 & 5010591004252 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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