

LIQUID CEMENT DYE

Permanent Liquid Colourant For Cement

Technical Data Sheet



BUILDERS COMPLETE RANGE

CLASS
EN12878

Description:

A permanent liquid dye for colouring cements, mortars, renders and screeds without affecting setting times. Conforms to EN12878.

Benefits:

- ◆ Formulated for easy incorporation into a mix.
- ◆ The high quality non-fading, light-fast pigments are ready dispersed for uniform mixing.
- ◆ No loss in performance – when used as directed, see dosing and limitations.

Uses

For permanently colouring cements, mortars, concretes and renderings. Suitable for use in conjunction with other admixtures, e.g. Bond It LIQUID MORTAR PLASTICISER, INTEGRAL WATERPROOFER, FROSTPROOFER AND HARDENER and SBR ADMIXTURE.



Preparation

Ensure surfaces are free from loose particles, oils and greases. Shake well before use. For optimum colour consistency the sand, cement and dye should be from the same batches. We recommend making a trial mix to ensure the colour is as required (including leaving to dry/set). Mix well, add the dye to the gauging water. Add to cement and sand and mix well until colour is dispersed. Once setting has begun any movement, e.g. trowelling, will result in loss of colour uniformity. Colour will become lighter as cement dries. Pictures showing approximate shades are available on request from technical department.

Application/ Dosing

See reverse.

Limitations

Not suitable as a stain. Only to be used with a cement mix.

- Not suitable for structural concrete.
- Not suitable for lime based mixes.
- If a series of mixes is required for a large piece of work then variations in batches of sand, cement and the dye will result in some shade differences.

- Inconsistency in mix ratios, finishing and curing environments can result in small shade variations.

Container Size

1L plastic bottle.

Shelf Life

12 months from date of manufacture when stored in sealed bottles.

Storage Conditions

Store in cool, dry conditions between +5 and +25°C. Keep out of direct sunlight. Protect from frost.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

Specification Summary

Appearance	Coloured liquid
Flammability	Non-flammable
Solubility in Water	Soluble
Specific Gravity @ 20°C	Approx. 1.1 - 1.25

Dosing Guide:

SHADE	APPROX DOSE PER 10Kg OF MORTAR
Mid Grey	- 35ml
Dark Grey	- 150ml
Black (maximum dose)	- 300ml
Red (maximum dose)	- 300ml

Product / Order Details:

Code	Colour	Size	Barcode
BDH066BL	Black	1L	5060021369307
BDH066R	Red	1L	5060021369291



2797 CPR 582453
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0086 CPR 749590
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BOND IT

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EN12878

Pigments for the colouring of building materials based on cement and/or lime.

Chemical Composition	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 Of Ignition	Pass
Emission Of Radioactivity And Release Of Dangerous Substance	NPD



Part of the Bond It Builders Complete Range



The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number:
6152
ISO 9001; ISO 14001;
ISO 45001



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