POWDERED CEMENT DYE

Permanent Powder Colourant For Cement

Technical Data Sheet

BUILDERS COMPLETE RANGE

CLASS EN12878

Description:

A easily dispersed premium grade permanent colourant for mortars and renderings. Conforms to EN12878:2005.

Features & Benefits:

- ***Formulated for easy incorporation into a mix.***
- ***High quality non-fading, light-fast pigments.***
- ***No loss in performance – when used as directed, see dosing and limitations.***
- ***Quantity can be adjusted in mix to achieve many shades.***

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.

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 results in some shade differences.
- Inconsistency in mix ratios, finishing and curing environments can result in small shade variations.
- Do not exceed 5Kgs of dye per 50Kgs of cement as the quality of the mortar could be compromised.

Preparation

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).

Application

Add the powdered colour into the dry sand/cement mixture either by hand or machine, before adding the gauging water. To ensure you are able to match the colour, always weigh the cement dye and the cement, do not gauge by volume. For lighter shades reduce the amount of dye added. It is recommended to prepare a test sample first to determine amount of cement dye required. Colour will become lighter as cement dries.

Pictures showing approximate shades are available on request from technical department.

For dosing ration see reverse.

Coverage

Maximum 5Kgs dye to 2 x 25Kgs cement.

Colour

Available in black, brown, red and buff.

Size

1Kg composite tins.

Shelf Life

5 years from date of manufacture when stored in unopened tins.

Storage Conditions

Store in cool, dry conditions between +5 and +25°C. 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 safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's 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.

Specification Summary

Appearance	Fine coloured powder
Flammability	Non-flammable
pH	N/A
Solubility in Water	Insoluble
Composition	Mixture based on inorganic metallic oxides
Commodity Code	3206497020

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDH060BL	Black	1Kg	5060021361233	-
BDH060BR	Brown	1Kg	5060021361240	-
BDH060R	Red	1Kg	5060021361257	-
BDH060Y	Buff	1Kg	5060021361264	-

UKCA 22 CPR 749590

CE 13 CPR 582453

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EN12878:2005

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

DoP: BDH060 **NB 0086**

DoP: BDH060 **NB 2797**

Chemical Composition	Synthetic iron oxide
Setting Time	Pass
Compressive Strength	Category A
Composition Of Pigments	Pass
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 Substance	NPD

Part of the Bond It Builders Complete Range

Note: *The data presented in this leaflet is in accordance with the present state of our knowledge, but does 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.*

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