

Colour Pigments

Colour Pigments for mortar and concrete



COLOUR	PRODUCTNAME
Black:	Iron oxyd black Colorana CM-5
Burgunder:	Iron oxyd burgunder Colorana CRM-20D
Red:	Iron oxyd red Colorana 1080D
White	Tioxide TR92

PRODUCT DESCRIPTION

High quality **Colour Pigments** for colouring of concrete and mortar. **Colour Pigments** are available in the most common colours demanded by the industry. **Colour Pigments** are used in both ready-mix and precast concrete manufacturing.

The colour obtained by mixing **Colour Pigments** will have variation based on:

- Other constituent materials, cement type and aggregate colour
- Water / Binder - ratio
- Curing conditions
- Various mould materials and demoulding agents.

RECOMMENDATIONS

Colour Pigments are added together with other dry ingredients in the mortar/concrete mix. It is important that the mixing process is efficient and the time long enough for the **Colour Pigments** to be homogeneously distributed throughout the mass.

Normal dosage of these **Colour Pigments** will have a very limited impact on workability and water demand in concrete and mortar.

Traditionally, black iron oxide causes problems of unwanted air and bad air void structure in concrete. These **Colour Pigments** are due to the production method, without these problems.

The products meet the requirements of EN 12878 **Colour Pigments** for staining building materials based on cement and / or lime.

DOSAGE

Normal dosage are 2 - 8 % by weight of cement.

PACKAGING

Colour Pigments are supplied in 25 kg bags and 1000 kg bag.



STORAGE

The product must be stored at temperatures between +8 and +35°C, and will maintain properties for at least one year when stored unopened in original packaging. If the product is exposed to direct sunlight, colour variation may occur, but this will not affect the technical properties of the product.

SAFETY INSTRUCTIONS FOR PREPARATION AND USE

Colour Pigments is not considered dangerous according to the European regulation regarding classification of mixtures. It is recommended to wear gloves and goggles and to take usual precautions for handling of chemicals.

For further and complete information about safe use of our product please refer to our latest version of the safety data sheet at www.mapei.no

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above - information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the technical data sheet, available from our web site www.mapei.no

LEGAL NOTICE:

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com. ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.



Black: Iron oxyd 3% by weight of cement (B1, C1), 5% by weight of cement (C2, B2)



Red: Iron oxyd burgunder 3% by weight of cement (D1, E1), 5% of cement weight (D2, E2)

All relevant references for the product are available upon request and from www.mapei.no



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