

dye for mortar and concrete

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Technical Department

Description:

Clais is a powder product belonging to the chemical family of sulfonated aluminum and sodium silicates combined with crystalline particles, alkali and UV radiation resistant. Designed to color mortars or concretes with cement or lime binders. Incorporating Clais as coloring, does not diminish the strength feature of the mortar or concrete which is added.

TechnicalFeatures:

Colour/s: blue, black, ocre, salmon , white, red, green and brown

Coverage:

White cement 3 to 7%; Grey cement 5 to 12%.

Uses:

Clais is used for architectural concretes, for concrete or mortar precast pieces, cobbles, pavements, facade mortars, mortars for grouting brick or stone (natural or synthetic), etc.

Features & benefits:

EXCELLENT TINTING CAPACITY WEATHER AND LIGHT RESISTANT PIGMENTS
WIDE ESTHETICAL POSSIBILITIES

Surface preparation:

Not applicable.

Application:

- CLAIS is added to the mixing water followed by cement and sand.
- The recommended doses are: with grey cement the proportion is 3-12% in terms of cement weight whereas with white cement the proportion is 1-3% also according to cement weight.
- It is recommended to test a sample so as to determine the coloration and ensure that the desired colour is obtained.
- It is advisable not to exceed 15% the weight of cement.
- In the final coloration, the sand colour, cement colour, etc must match. It is recommended to test a sample prior to each required dosage of the product.

Clean up:

While fresh, with plentiful clean water.

Storage:

2 years, in their original packagings, properly closed, without exposing to extreme temperatures, protected from the weather and in dry and ventilated places.

Packaging:**Available in packs of:**

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is no possible to establish a warranty with this

document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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