### **TECHNICAL DATA SHEET**

# CHRYSO<sup>®</sup>Colours C Yellow C920

Powder pigment for coloring building materials based on cement or lime

17/10/2024

### DESCRIPTION

Concrete powder coloring agents CHRYSO®Colours C are made from synthetic metal oxides.

The distinctive feature of CHRYSO®Colours C is their excellent coloring potential and a specific surface which is 10 times superior to that of cement.

#### PACKAGING

- 20 kg bag
- Other packaging

### FIELDS OF APPLICATION

- All cement types
- Concrete tiles
- Precast elements (precast stones, decorative slabs...)
- Blocks
- Coloured concrete
- Paving blocks
  - Decorative concrete
  - etc

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chrysogulf.com CHRYSO Gulf LLC, P.O. Box 22849 - Doha - QATAR Tél::(+974) 4450 0840 Fax:(+974) 44500830 e-mail:admin@chrysogulf.com



## CHRYSO<sup>®</sup>Colours C Yellow C920

Powder pigment for coloring building materials based on cement or lime

### **INDICATIVE INFORMATION**

Product Nature	powder
Color	Yellow
Water solubility	Dilutable
Loss on calcination	< 16,00 %
Specific gravity	4,000 ± 2,000
Apparent density	0,400 ± 0,200

## **METHOD OF USE**

- Dosage of CHRYSO®Colours C Yellow C920 depends on the cement color, on the intensity of the desired shade and variables including cement quantity and chemistry, concrete temperature and curing conditions. It is always determined after proper trials have been carried out.
- It is recommended to achieve the lowest water-cement ratio in concrete to be colored. The cement's color and that of the fine elements in the sand (diameter below 0.2mm) is crucial for the final shade of a batch.
- The typical dosage can vary between 3 and 6kg of any CHRYSO<sup>®</sup>Colours C product to 100kg of cementitious material. In order to ensure a good distribution of the coloring agent within concrete, preferably add CHRYSO®Colours C Yellow C920 along with the aggregates or with the sand. Premix, add the cement and the mixing water.
- Contact your local CHRYSO representative to find out more.

## PRECAUTIONS

- Protect from humidity.
- Shelf life information only applies to product stored in genuine packaging.
- Store in a well ventilated location.

#### Compatibility:

CHRYSO®Colours C Yellow C920 is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, fibers and approved air entraining admixtures.



Prior to any use, please read carefully the Material Safety Data Sheets.

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chrysogulf.com CHRYSO Gulf LLC, P.O. Box 22849 - Doha - QATAR Tél.:(+974) 4450 0840 Fax:(+974) 44500830 e-mail:admin@chrysogulf.com

