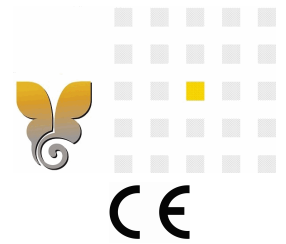


# CHRYSO® Color P

## Powder colouring agents



**CHRYSO® Color P** concrete powder colouring agents are exclusively based on synthetic metal oxides.

The distinctive feature of **CHRYSO® Color P** is their excellent colouring potential and a specific surface which is 10 times superior to cement's.

### Indicative characteristics

- Nature: powder
- Cl<sup>-</sup> ions content: ≤ 0,10%
- Shelf life : Without

Reference	Class	Dulk density DIN 53194	Fe <sub>2</sub> O <sub>3</sub> + TiO <sub>2</sub> %	SiO <sub>2</sub> - Al <sub>2</sub> O <sub>3</sub> %	Density (DIN 53193)
Savannah yellow	A	0.4 - 0.5	75 - 87	max 2	~ 4.1
Castle corne	A	0.3 - 0.5	55 - 90	max 1	~ 4.2
Pompeii red	A	0.7 - 1.1	95 - 97	max 4	~ 5.0
Provence red	A	0.6 - 0.9	90 - 92	max 2	~ 4.5
Harata brown	A	0.8 - 1.2	92 - 95	max 3	~ 4.7
Aztec brown	A	0.7 - 1.1	91 - 95	max 3	~ 4.5
Amalusan black	A	0.6 - 1.2	90 - 91	max 3	~ 4.0
Dark black	A	0.8 - 1.2	92 - 95	max 3	~ 4.5
Cyprus blue	A	0.7 - 1.2	Cr <sub>2</sub> (O <sub>3</sub> ) <sub>2</sub>	-	~ 4.3
Irland green	A	0.7	CrO <sub>2</sub> > 99.7	-	~ 5.2
Chamagne white	A	0.6 - 1.0	TiO <sub>2</sub> > 94.3	max 5.7	~ 4.1

### Norms and regulations

- This product conforms to CE-EN 12878 standards.

### Domains of application

- Ready-mix concrete
- Blocks
- Slabs
- Paving blocks
- Concrete tiles

### Precautions

Protect from humidity.

### Method of use

Dosage depends on the cement color and on the intensity of the desired shade. It is always determined after proper trials have been carried out.

It is recommended to achieve the lowest water/cement rates in concrete to be coloured. The cement's colour and that of the fine elements in the sand (diameter inferior to 0.2 mm) is crucial for the final shade of a batch. In order to ensure a good distribution of the colouring agent within concrete, preferably add **CHRYSO® Color P** along with the aggregates or with the sand.

Pre-mix, and add the cement and the mixing water.

At early ages, coloured concrete must be stored away from external factors.

### Construction sites references

Allied landings' information posts, Juno Beach, France: urban furniture concrete elements, body- and screen-printed.

### Safety

This product is classified as "harmless". In case of exposure, it is recommended to wear your protective equipment.

Before use, refer to the safety data sheet on our internet site [www.chryso.com](http://www.chryso.com)



The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Please enquire for the most recent version of the technical datasheet, available on [www.chryso.com](http://www.chryso.com)

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