CHRYSO[®]Color L Liquid colouring agents



CHRYSO®Color L pigments are aqueous dispersions (slurries) in high dry extracts specially designed for the colouring of concrete. The colouring active matters are exclusively mineral pigments, metallic oxides chosen for their UV and bad weather resistance.

With a specific surface ten times higher than cement's, they have an excellent dispersion in the concrete mass, which allows obtaining a long lasting tint with a minimization of the dosage. The liquid nature of **CHRYSO®Color L** allows an easy automation of the dosage.

On request, **CHRYSO®Color L** can be specifically formulated to offer a better resistance to frost (until -8 °C).

Indicative characteristics

- Nature: liquid
- PH: 7,50
- Cl⁻ ions content: ≤ 0,10%
- Freezing point: -2 °C
- Shelf life: 2 months

References	Class	Dry extract % (at ± 1 %)	Density (+0.05)	osity	рН
Savane Yellow	A	50.0	1.60	00 - 38	7-9
Ténéré ochre	A	50.0	1.60)0 - 3t	7-9
Pompéi red	A	60.0	2.00	00 - 38	7 - 9
		,	1.70 -		
Provence red	A	55.0	1.75)0 - 3f	7-9
Havane brow n	Α	55.0	1.80	0 - 4	7-9
Aztec brow n	A	60.0	2.00	50 - 50	7 - 9
Andalou black	A	52.5	1.65	00 - 48	7 - 9
Cyclades blue	A	60.0	2.00	00 - 38	7-9
Ireland green	A	60.0	2.00	00 - 38	7-9
Chamonix white	A	53.0	1.65	00 - 38	7-9

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 frost. Protect from heat.

If the above precautions have not been respected, the product homogeneity must be verified before use.

Method of use

Dosage: From 3 to 6 litres of **CHRYSO®Color L** for 100 kg of cement (optimal quantities).

The consumption of this product depends on the type of support and the application process.

The dosage depends on the cement colour and on the intensity of the desired shade. It is always determined after a proper test has been carried out.

It is recommended to achieve the lowest water/cement ratios for concrete to be coloured. The cement and the sand fine elements colours (diameter inferior to 0.2 mm) are crucial for the final tone of a batch.

In order to ensure a good distribution of the colouring agents within concrete, preferably add **CHRYSO®Color L** together with the aggregates or the humid sand.





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Pre-mix, and add in the cement and the rest of the mixing water. At early ages, coloured concrete must be stored under a shelter.

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



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 uses. Please enquire for the most recent version of the technical datasheet, available on **www.chryso.com**

