

CHRYSO® Cure HPE

Curing Agent Water based



CHRYSO® Cure HPE is a ready-to-use water-based curing agent for application on fresh concrete, mortars, other cement based coatings and on recently demoulded concrete.

CHRYSO® Cure HPE forms a protective film when drying, which prevents concrete and mortar from desiccation. This enables a more complete hydration of the cement particles and limits early age cracking and drying shrinkage. After setting, the surface of the concrete thus treated, offers a better resistance to abrasion.

A surface treated with **CHRYSO® Cure HPE** is initially white in order to easily identify the coated areas. After drying, the coating is colorless.

CHRYSO® Cure HPE eases trowel finishing and improves the surface finish.

Indicative characteristics

- Nature: liquid
- Colour: White
- Freezing point: 0 °C
- Shelf life: 9 months

Specifications

- Specific gravity (20° C): $0,975 \pm 0,020$
- Solid content (SYNAD IFSTTAR): $29,50\% \pm 1,40\%$
- Ash content: $\leq 0,5\%$
- AFNOR cup viscosity: $30,0 \text{ s} \pm 10,0 \text{ s}$

Norms and regulations

- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.
- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex

Domains of application

- Protection of elements with a high surface / volume ratio: concrete slabs, roads, concrete highway
- Protection of concrete and mortar subject to adverse drying effects at early age (high ambient temperature, wind)
- Trowel finishing
- All cement based elements subject to unacceptable desiccation
- Precast walling

Precautions

Homogenise before use.
Treated surfaces can become slippery when wet. This may cause risk of slips and falls.
Protect from frost.

This product must be removed from the concrete surface if an additional coating is to be applied, according to the current technical documents.

Method of use

Dosage: 100 to 200 g/m²

This product is ready-to-use.

Its application must be done preferably on fresh concrete to prevent concrete from desiccation.



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Spray **CHRYSO®Cure HPE** in a regular, smooth film, using 100 – 200 g/m² according to the roughness of concrete. Spraying in two crossed passes will enable to avoid blanks.

To ease trowel finishing and smoothing of the fresh concrete, spray one coat of **CHRYSO®Cure HPE** using 30 - 50 g/m². After the finishing process, if the need be, spray another coat of **CHRYSO®Cure HPE** on.

Spray equipment must be rinsed with water before the product dries.

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 result from extensive testing - which were conducted 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, other than those 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 data sheet, available on www.chryso.com.

CHRYSO S.A.S. - 19 Place de la Résistance - 92446 Issy-les-Moulineaux cedex - FRANCE - Tel.: +33 (0)1 41 17 18 19 - Fax: +33 (0)1 41 17 18 80

