



## CHRYSO®Cure HPE

Water Based Curing Agent

### Description

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

By forming a protective film, **CHRYSO®Cure HPE** prevents concrete and mortar from drying out too quickly. This enables a more complete hydration of the cement particles and limits early age cracking and drying shrinkage. Thus giving the treated surface of the concrete, after setting 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 transparent.

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

### Characteristics

- Nature – liquid
- Colour – white
- Volume density at 20°C:  $0.975 \pm 0.02 \text{ kg/dm}^3$
- Freezing point 0°C
- Dry extract (halogen) –  $30.8\% \pm 1.5\%$
- Dry extract (4h, EN 480-8):  $29\% \pm 1.45\%$
- Viscosity – Cup ISO 2431 n°3: 20 – 40 s
- Ash content:  $\leq 0.5\%$

### Packaging

- 10 litre drums
- 20 litre drums
- 1,000 litre IBC

### Conformity

**CHRYSO®Cure HPE** conforms which technical specifications are those applied in the non-harmonised part of the BSEN 934-2

### Application

#### Application Fields

- Curing elements with an important surface/volume ratio:
  - Flooring, concrete slabs
  - Road, concrete highway
  - Precast walls
- Curing concrete and mortars subject to important early age desiccation (high temperature, wind),
  - Every cement base element submitted to unacceptable desiccation
- Trowel finishing and smoothing of pouring surfaces.

#### Method of use

**CHRYSO®Cure HPE** is ready to use

Applying **CHRYSO®Cure HPE** must be done preferably on fresh concrete to prevent the concrete from drying out too quickly.

Spray **CHRYSO®Cure HPE** in a regular, smooth film, using  $100 - 200 \text{ g/m}^2$  according to the roughness of the concrete. Spraying in two crossed passes will enable to avoid blanks.

To ease the trowel finishing and smoothing of the fresh concrete, spray one coat of **CHRYSO®Cure HPE** using  $30 - 50 \text{ g/m}^2$ . 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.

### Precautions

- Homogenise the product before use
- Store at temperature above 0°C. The product is sensitive to frost
- **CHRYSO®Cure HPE** must be removed from the concretes surface if an additional coating is to be applied, according to the current technical documents.
- The treated surfaces may become slippery during wet weather conditions. This may cause risk of slips and falls.
- Shelf life: 9 months in the original sealed packaging.



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### **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 website [www.chryso.com](http://www.chryso.com)

*The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.*

“Please enquire for the latest update”.

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