

# CHRYSO® Cure HPE

Curing Agent  
Water based

## DESCRIPTION

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.

## FIELDS OF APPLICATION

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

## INDICATIVE INFORMATION

<b>Product Nature</b>	liquid
<b>Color</b>	White
<b>Lifetime</b>	9 months
<b>Specific gravity (20°C) in kg/dm<sup>3</sup></b>	0,975 ± 0,020
<b>Dry Extract (SYNAD - IFSTTAR)</b>	29,50 % ± 1,40
<b>Afnor Cut Viscosity</b>	30,00 s ± 10,00

## NORMATIVE AND REGULATORY INFORMATION

- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex
- This product conforms to the certification framework NF 085, with the technical specifications from the standard NF P 18-370.

## METHOD OF USE

This product is ready-to-use. Its application must be done preferably on fresh concrete to prevent concrete from desiccation. Spray CHRYSO®Cure HPE in a regular, smooth film, using 100 – 200 g/m<sup>2</sup> 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/m<sup>2</sup>. 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.

### Dosage :

100 to 200 g/m<sup>2</sup> - Dos. ref. : 200 g/m<sup>2</sup>

## 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.

## SECURITY

Before use, see MSDS.