

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 dessiccation. This enables a more complete hydration of the cement particles and limits early age cracking and drying shrinkage.

It is specially formulated for curing fresh concrete immediately after the finishing operation.

CHRYSO®Cure HPE effectively plugs the capillary ends of the surface of concrete thus preventing water loss during the critical hardening period.

BENEFITS

- A surface treated with **CHRYSO®Cure HPE** is initially white in order to easily identify the coated areas. After drying, the coating is colorless.
- After setting, the surface of the concrete thus treated, offers a better resistance to abrasion.
- Reduces the tendency of concrete to crack and dust.

PACKAGING

- 20 L bucket
- 210 L drum
- IBC 1000L

FIELDS OF APPLICATION

CHRYSO®Cure HPE is recommended for curing exterior mass concrete such as pavements, roads, runways, taxiways, dams and reservoirs and other structures exposed to the sun.

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

CHRYSO®Cure HPE

Curing Agent
Water based

INDICATIVE INFORMATION

Product Nature	liquid
Color	White
Lifetime	9 months
Specific gravity	0,970 ± 0,020

METHOD OF USE

100 to 200 g/m² - Dos. ref. : 200 g/m²

- This product is ready-to-use.
- Its application must be done preferably on fresh concrete to prevent concrete from dessiccation.
- 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 avoid lack of product in some areas.
- **CHRYSO®Cure HPE** is applied to the fresh concrete surface immediately after the finishing operation when bleed water has disappeared.
- 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 needed, spray another coat of **CHRYSO®Cure HPE**.
- **CHRYSO®Cure HPE** can also be used for supplemental curing of newly hardened concrete structures immediately after removing the formworks. Surface should be wetted first thoroughly with clean water prior to application.
- Spray equipment must be rinsed with water before the product dries.

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 has to be applied. If subsequent toppings are required, **CHRYSO®Cure HPE** can be removed by light sand blasting or equivalent process.

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 the technical specifications from the standart NF P 18-370.

SAFETY

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

Prior to any use, please read carefully the Material Safety Data Sheets.