

CHRYSO®Cure CQ WB

Curing Agent
Water based

Chryso
Concrete
Solutions

18/10/2024



DESCRIPTION

CHRYSO®Cure CQ WB 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 CQ WB 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 CQ WB 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 CQ WB** 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.
- Eases trowel finishing and improves the surface finish.

PACKAGING

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

FIELDS OF APPLICATION

CHRYSO®Cure CQ WB 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
- Trowel finishing
- All cement based elements subject to unacceptable dessiccation
- Precast walling
- Protection of concrete and mortar subject to adverse drying effects at early age (high ambient temperature, wind)
- etc

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INDICATIVE INFORMATION

Product Nature	liquid
Color	White
Lifetime	9 months
Specific gravity	0,980 ± 0,020
pH	8,00 ± 2,00

METHOD OF USE

- This product is ready-to-use.
- Its application must be done preferably on fresh concrete to prevent concrete from dessiccation.
- **CHRYSO®Cure CQ WB** is best applied by a knapsack or motorized sprayer at the rate of 4-5 m² per liter in a uniform, unbroken film, free of pinholes. Spraying in two crossed passes will avoid lack of product in some areas.
- **CHRYSO®Cure CQ WB** 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 CQ WB** and after the finishing process, spray another coat of **CHRYSO®Cure CQ WB**.
- **CHRYSO®Cure CQ WB** 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

- Homogeneise 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 CQ WB** can be removed by light sand blasting or equivalent process.

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.