

CHRYSO®Cure ST-DB

Curing Agent
Water based

DESCRIPTION

CHRYSO®Cure ST-DB is a supreme quality membrane-forming, ready to use, white emulsion of specially blended synthetic waxes based for application on fresh concrete, mortar and other cement coverings.

In addition **CHRYSO®Cure ST-DB** complies in ASTM C309-81 (type 2 Class A) AASHTO M-148.

BENEFITS

CHRYSO®Cure ST-DB forms a protective film when drying, which retains sufficient moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development. The film act as a De- bonding layer between initial and subsequent concrete pours.

- Eliminates the need for water.
- Single application.
- Promotes a harder dust free surface.
- Cured film is clear and water repellent.
- High curing efficiency.
- Water based

This enables effective hydration of the cement particles and limits early age cracking and drying shrinkage. After Initial setting of concrete, the surface is treated with this which offers a better resistance to abrasion. A surface treated with **CHRYSO®Cure ST-DB** is initially white in order to easily identify the coated areas. Also offers protection against 'burning' of the fresh concrete surface, which is exposed to strong solar radiation. Easy and safe to apply.

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)

CHARACTERISTICS

Product Nature

Liquid

METHOD OF USE

- Spray **CHRYSO®Cure ST-DB** in a regular, smooth film. Spraying in two crossed passes will enable to avoid blanks. It should be applied after final finishing and soon after disappearance of water sheen from concrete surface. It is important not to apply **CHRYSO®Cure ST-DB** when water is still standing on concrete. If concrete has already lost some of its surface water then it is recommended to fog down the surface before application. Low pressure spray, roller or soft brush, knapsack sprayer commonly used in horticulture or pest control. While spraying, distance between the sprayer and concrete surface should be approximately 1 Metre. Immediately after use, the equipment should be cleaned out thoroughly with fresh water. The actual coverage and number of coats will be dependent on texture and porosity of the surface.
- The compound should be spray applied to form an even film covering the entire surface against which the subsequent segment will be cast. If necessary more than one coat should be applied. The actual coverage and number of coats will be dependent on texture and porosity of the surface.

Dosage :

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

PRECAUTIONS

- Homogenise before use.
- Protect from frost.
- Use at a temperature above 0° C.

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

SAFETY

CHRYSO®Cure ST-DB Before use, refer to the Material Safety Data

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chryso.ph

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TECHNICAL DATA SHEET



**Chryso
Concrete
Solutions**

20/11/2025

CHRYSO® Cure ST-DB

Curing Agent
Water based

Color	White
Lifetime	6 months
Specific gravity	1,010 ± 0,020
pH	6,00 ± 2,00

Sheet The MSDS is available on www.chryso.com.

PACKAGING

- 200 L drum

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