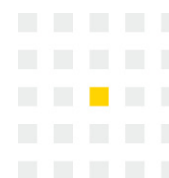


Technical data sheet

CHRYSO®Cure WB

Curing Compound - Low viscosity wax emulsion



Description

CHRYSO®Cure WB is a low viscosity white pigmented wax emulsion. The formulation of **CHRYSO®Cure** ensures that the emulsion breaks down to form a non-penetrating continuous film immediately upon contact with cementitious surface.

- This film prevents excessive water evaporation which permits more efficient cement hydration.
- **CHRYSO®Cure WB** provides a spray or brush applied temporary membrane to retain moisture in concrete for effective curing.

Standards

CHRYSO®Cure WB complies to the performance specifications of ASTM C309 - 81.

Advantages

- **CHRYSO®Cure WB** is compatible for water retaining structures (potable water).
- Reduces incidence of shrinkage cracks.
- Reduces labour costs (no need for wet hessian, etc.)
- Prevents excessive water evaporation, which permits more efficient cement hydration.
- Increases the durability of the concrete.
- Promotes better strength gain characteristics.
- Easy to use (spray applied).

Application guidelines

Use

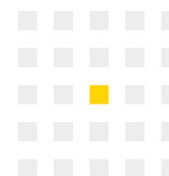
- Bear in mind that should subsequent surface coatings be required, the curing compound must be removed.

Physical and chemical properties

- Physical state: Liquid
- Colour: White
- Odour: Slight, Faint
- Dry film: Clear
- Specific gravity (25° C): 0.98
- pH: 7 (±0.5)
- Solubility in water: partially soluble
- Boiling point: 100° C
- Vapour pressure (25° C): 2.3 kPa
- Flash point: none
- VOC content: none

Directions

- Dosage:
 - The coverage of is dependent upon the surface of the concrete as well as the means of application. The recommended application rate (preferably by a spray applicator) is 5 m²/ ℓ.
 - Over application may result in a slightly glassy concrete surface finish.
- **CHRYSO®Cure WB** should be applied as soon as possible after the concrete surface has been finished (troweled, tamped or textured as required) but generally within 30 minutes that concrete has been placed, or earlier if in conditions of hot sun or strong drying winds.



Technical data sheet

CHRYSO® Cure WB

Curing Compound - Low viscosity was emulsion

- Care should be taken to ensure the complete coverage of the surfaces. To ensure the ultimate breakdown of the **CHRYSO®Cure WB** film, heavy coating should be avoided.

- Never apply to dry or semi-dry concrete.

- Horizontal surfaces:

- **CHRYSO®Cure WB** should be applied to freshly cast horizontal surfaces immediately after the initial surface water sheen has disappeared.

- Vertical surfaces:

- With vertical surfaces or soffits of concrete which may be partially dried out after being retained in shuttering for several days, it is imperative that the concrete should be well wetted before applying **CHRYSO®Cure WB**.

- Equipment:

- Various types of spraying equipment can be used.
- The nozzle of the spray should be held 30 cm to 50 cm from the surface of the concrete and passed slowly back and forth to ensure thorough coverage.
- Brush application can be used for smaller areas. Immediately after use, all spraying equipment (or brushed) should be cleaned out with a mild detergent solution.

- Coverage:

- The coverage of **CHRYSO®Cure WB** is dependent on the surface of the concrete as well as the means of application.
- For estimating purposes, a practical coverage rate between 4 - 7m²/ltr can be used.

Packaging

- 25 litre metal or plastic drums.
- 200 litre metal or plastic drums.
- 1000 litre metal or plastic drums.

Health and safety

- **CHRYSO®Cure WB** is non-toxic.
- **CHRYSO®Cure WB** is non-flammable.
- In case of contact with skin, rinse with fresh water.
- In case of contact with eyes, rinse with copious quantities of fresh water and seek medical assistance.
- For more information, please refer to the material safety data sheet.

Disclaimer: The information contained in this document is given to the best of CHRYSO's knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving CHRYSO's liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. CHRYSO specialists are at the disposal of the users in order to help them with any problems encountered.