



Technical data sheet

CHRYSO® Cure WP

Curing compound: White pigmented petroleum resin emulsion.

Description

CHRYSO®Cure WP is a white pigmented petroleum resin emulsion where light reflectance is needed to keep the temperature of the concrete to a minimum.

Advantages

- Economical, effective method of curing
- Reduces incidence of shrinkage cracks
- Promotes better strength gain characteristics

Standards

CHRYSO®Cure WP complies with the water retention and light reflectance requirements of ASTM C309 Type 2.

Physical and chemical properties

- Physical state: liquid
- Colour: milky white
- Specific gravity (25°C): >1
- Solubility in water: partially soluble

Application guidelines

Use

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

Dosage

- The recommended application rate (preferably by a spray applicator) is 5 m²/l.
- Over application may result in a slightly glassy concrete surface finish.

Directions

- CHRYSO®Cure WP should be applied as soon as possible after the concrete surface has been finished (trowelled, 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.
- Care should be taken to ensure the complete coverage of the surfaces. To ensure the ultimate breakdown of the CHRYSO®Cure WP film, heavy coating should be avoided.
- Never apply to dry or semi-dry concrete.
- Bear in mind that should subsequent surface coatings be required, the time lapse involved with resin based membranes is subsequently longer.



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Horizontal surfaces: CHRYO®Cure WP 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 WP.

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.

Packaging

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

Health and safety

CHRYSO will provide onsite assistance when requested. 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 assist them with any problems encountered.