

# CHRYSO®Cure AR

## CHRYSO®Cure AR



### Water Based Curing Compound

#### ■ Features

**CHRYSO®Cure AR** is a ready to use water-based curing agent for application on fresh concrete, mortars, and other cement based coatings and on recently demoulded concrete. It is specially formulated for curing fresh concrete immediately after the finishing operation.

**CHRYSO®Cure AR** effectively plugs the capillary ends of the surface of concrete thus preventing water loss during the critical hardening period. This results in thorough hydration of cement, less tendency to develop plastic shrinkage cracks and reduced permeability. It is white when applied but dries to clear film.

#### ■ Benefits

- Dramatically Forms an efficient moisture barrier for optimum curing of concrete.
- Milky white emulsion which dries to a transparent film.
- Allows cement to hydrate properly.
- Reduces tendency of concrete to crack and dust.
- The surface of the concrete thus treated, after setting, offers a better resistance to "abrasion", high consistency and its aspect is unchanged.
- eases trowel finishing and improves the surface finish.

#### ■ Areas of Application

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

**CHRYSO®Cure AR** is applied to the fresh concrete surface immediately after the finishing operation when bleed water has disappeared.

**CHRYSO®Cure AR** is best applied by a knapsack or motorized sprayer at the rate of 4-5 square meters per litre in a uniform, unbroken film, free of pinholes.

**CHRYSO®Cure AR** should be allowed to dry completely before subjecting it to foot traffic or normal construction activities.

**CHRYSO®Cure AR** can also be used for supplemental curing of newly hardened concrete structures immediately after removing the formworks.

When using on newly hardened concrete, surface should be wetted first thoroughly with clean water prior to application.

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### Characteristics:

Nature : liquid

### Packaging:

- IBC : 1000 L
- Drum : 200 L
- Pails : 20 L

### Standard specifications:

**CHRYSO®Cure AR** conforms with the requirements of ASTM C 309 Type 1.

### ■ Directions for use:

#### Dosage

**CHRYSO®Cure AR** is best applied by a knapsack or motorized sprayer at the rate of 4-5 square meters per liter in a uniform, unbroken film, free of pinholes.

Do not apply over bleed water.

Do not apply when ambient temperature is below 5°Celsius.

Do not apply over concrete to receive toppings, epoxy or urethane based coatings. If subsequent toppings are required, **CHRYSO®Cure AR** should be removed by light sand blasting. For any other toppings

Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance.

### Compatibility:

**CHRYSO®Cure AR** is a ready to use curing agent for application on fresh concrete, mortar and other cement coverings.

### Precaution:

- Store away from frost. Use **CHRYSO®Cure AR** at a temperature superior to 0°C.

•Tools and equipment should be cleaned immediately after use with warm, soapy water.

### ■ Safety:

**CHRYSO®Cure AR** contains no solvent and non-flammable. May cause slight skin irritation. Users are always advised to wear protective rubber hand gloves when using this product. Spills to the skin should be washed with water and soap. Spills to the eye should be washed with plenty of clean water immediately. If irritation persist, consult a physician.

### About CHRYSO:

Worldwide leader for cement and concrete additives for over 70 years, **CHRYSO** has been designing, producing, specifying and delivering its added-value solutions to the construction professionals with outstanding innovation and quality service. As a result, **CHRYSO's** brand and products have been associated with the most prestigious and demanding construction projects over the globe.

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