

# CHRYSO Cure SL ST1

Curing Agent

## DESCRIPTION

CHRYSO® Cure ST 1 is a supreme quality membrane forming, ready to use, white emulsion of specially blended synthetic waxes based curing compound for application on fresh concrete, mortar and other cement coverings.

## BENEFITS

CHRYSO® Cure ST 1 forms a protective film when drying, which prevents concrete and mortar from desiccation.

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 CHRYSO® Cure ST 1 offers a better resistance to abrasion.

A surface treated with CHRYSO® Cure ST 1 is initially white in order to easily identify the coated areas Unlike moisture curing, this has a single application forms moisture barrier throughout the whole curing period

CHRYSO® Cure ST 1 also offers protection against of the fresh concrete surface, which is exposed to strong solar radiation

CHRYSO® Cure ST 1 is easy and safe to apply

## SPECIFICATIONS

Product Nature	liquid
Color	White
Lifetime	6 months
Specific gravity	1,010 ± 0,020

## PACKAGING

- 20 L bucket
- 200 L drum
- 5L Container

## METHOD OF USE

- Stir Well before use
- Spray CHRYSO® Cure ST 1 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 1 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 meter
- Immediately after use, the equipment should be cleaned out thoroughly with fresh water

### Consumption :

CHRYSO® Cure ST 1 is recommended for curing protection of elements with high surface/volume ratio such as slabs, roads, concrete highway

CHRYSO® Cure ST 1 is recommended for protection of concrete/mortar subject to adverse drying effects at early age (high ambient temp, wind)

CHRYSO® Cure ST 1 is applied to the fresh concrete surface immediately after the finishing operation when bleed water has disappeared

- Water retention 0.27 kg/m<sup>3</sup> (Loss of water after 72 hours)
- Efficiency index > 80 % (as per BS 7542)
- Drying time: Approx. 2 ½ hours @ 25 °C
- Coverage/Dose: 4-6 m<sup>2</sup>/ ltr (Depending upon Application Surface Finish)

## PRECAUTIONS

- Avoid prolonged exposure to high temperatures.
- Stir the product before use.
- Protect from frost.

## SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.