

CHRYSO® Cure ST1



Curing Agent - Wax based/Water based & white Pigmented

Description

CHRYSO®Cure ST1 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.

Indicative characteristics

- Form : White liquid
- Specific Gravity : 1.00 ± 0.02
- Thinning : Not required
- Coverage/Dose : 4 -6 m²/ltr
(Depending upon Application Surface Finish)
- Flash point : Not applicable
- Drying Time : Approx. 1½ hours @ 25°C

Advantages :

CHRYSO®Cure ST1 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 this which offers a better resistance to abrasion. A surface treated with CHRYSO®Cure ST1 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. Also offers protection against 'burning' of the fresh concrete surface, which is exposed to strong solar radiation. Easy and safe to apply.

Domains of application

- Protection of elements with high surface/volume Ratio: Slabs, roads, concrete highway
- Protection of concrete/mortar subject to adverse Drying effects at early age (high ambient temp, wind)
- Precast Concrete

Precautions

Not to be stored at high temperatures for long periods. Should be protected from frost. It is Non-toxic and formulated from chemicals which present no fire or health hazards. If swallowed, seek medical advice.

Method of use

Stir Well before it's use.

Spray CHRYSO®Cure ST1 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 ST1 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.

Guideline Followed :

ASTM C309-81 (type 2, class A) and BS 7542.

Shelf Life: If stored in unopened containers at normal ambient temperatures, a shelf-life of approximately 06 months.

Packaging

- 200 Kgs Barrel

Safety

Before use, refer to the Material Safety Data Sheet. The MSDS is available on www.chryso.com.

