

CICO CUREFREE-SW

Water based non film forming, clear, reactive curing compound for concrete

CICO CUREFREE – SW is a ready to use, water based, and solvent free, non VOC liquid concrete curing compound.

Common method of curing such as continuous spraying of water on concrete surface and ponding etc. are inconvenient and is also expensive. Evaporation of water from concrete will deprive it of its much needed water for hydration resulting in capillary pores, lower compressive strengths, chipping off on the surface and development of surface cracks. Curing compound is used on the principle that concrete gets enough water from pre-matured concrete/mortar for uninterrupted hydration after placement. **CICO CUREFREE – SW** is non film forming, hence no need to remove the film formed by conventional curing compound.

USES

For application on freshly cast concrete or newly exposed concrete surface after removal of formwork to initiate secondary hydration within the concrete and increase the density of the substrate which will retain sufficient moisture inside the concrete for effective curing to take place, and allows concrete to develop physical properties better than any other curing processes. It is useful for large areas of concrete such as pavements, runways, bridge decks and industrial floors.

FEATURES

- No other method of curing is necessary.
- No risk of erratic or poor curing and ensures cement hydration efficiently.
- Risk of drying shrinkage, cracks and dusty surface are minimized.
- Provide a dust free surface
- Non-toxic and non-inflammable, does not cause health hazard.
- Heating up of the surface by direct sun rays is minimized with white pigment.
- Application is very easy and safe.
- Eco-friendly, economical and consistent quality.
- Control of moisture loss, improves the surface quality of concrete.
- Test results are in compliance with ASTM C309 and ASTM 1315.

CONCRETE AIDS
TECHNICAL DATA

Appearance	Straw white liquid
Specific Gravity	1.12±0.02
Appearance on Surface	Clear
Drying time at 30°C	4 hours (Maximum)
Coverage	6-8 m ² /kg
Shelf life	12 months

METHOD OF APPLICATION

CICO CUREFREE-SW should be applied following the final finishing operation and immediately after the disappearance of water sheen from concrete surface.

- CICO CUREFREE-SW requires no mixing, dilution or agitation.
- Two coats have to be applied in overall surface.
- Instant after first coat dry, apply second coat.
- If the concrete has already lost some of its surface water then it is recommended to fog down the surface before application of **CICO CUREFREE-SW**

Equipment

Low pressure sprayers, rollers are most preferred and generally knapsack sprayer commonly used in horticulture or pest control may be used thus a uniform coating is guaranteed. It should be made sure that the spraying is properly carried out to cover entire surface.

STORAGE

Store in dry cool place and away from direct sunlight

HANDLING

It is the non-toxic and non-flammable and does not cause any health hazard.

PACKAGING

250 Kg plastic barrel.

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Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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