

CICO RITECURE AL

Aluminized Resin Based Concrete Curing Compound

CICO RITECURE AL is an aluminized resin based, liquid membrane forming curing compound for concrete complying to ASTM C309

CICO RITECURE AL to be applied strictly in accordance with manufacturer's instructions.

USES

For application on freshly cast concrete or newly exposed concrete surface after removal of formwork to form a temporary membrane which will retain sufficient moisture inside the concrete for effective curing to take place. The membrane eventually breaks down and disintegrate after which the surface can be painted. It is useful for large areas of concrete such as pavements, runways, bridge decks and industrial floors. It is also used for vertical or sloping surfaces such as chimneys, towers, silos, canal lining, columns and beams where water curing is difficult or unreliable. As a low cost, sprayable, curing compound for concrete surfaces, CICO RITECURE AL provides maximum moisture retention throughout the 28 day curing period, which is necessary to achieve desired concrete strength.

FEATURES

- Single coat forms moisture barrier for whole of curing period.
- 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 minimised.
- Burning of the fresh concrete surface which is exposed to strong solar radiation is protected. It further protects concrete surface against influence of aggressive atmospheric conditions.
- Heating up of the surface by direct Sun rays is minimised with aluminium pigment.
- Ensures uniform application because of metallic pigmentation
- Application is very easy.
- Economical and consistent quality.

TECHNICAL DATA

Appearance	Silver coloured liquid
Specific gravity	0.9±0.05
Appearance of dry film	Metallic finish
Water loss as per ASTM C309-1986	0.40kg/m² (Maximum limit as per ASTM C309-86 is 0.55kg/m².)
Drying time at 30°C	90 minutes
Coverage	6-8 m²/litre
Shelf life	12 months

METHOD OF APPLICATION

CICO RITECURE – AL should be applied following the final finishing operation and immediately after the disappearance of water sheen from concrete surface. Do not apply CICO RITE CURE – AL when standing water is still present on concrete. If the concrete has already lost some of its surface water then it is recommended to fog down the surface before application of CICO RITECURE - AL. Properly applied one full coat is sufficient for effective curing.

Equipment

Low pressure sprayers, rollers, brush 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

Wash all equipments and splashes on skin with plain water with soap. Dry material deposited on the surfaces of the equipments can be washed with hot water and detergent.

CICO RITECURE – AL is flammable product. Do not smoke during application. Keep the material away from naked flame.

PACKAGING

CICO RITECURE – AL is available in 20 litre & 200 litre plastic drum.

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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