

TRI-CURE AC

Acrylic based curing compound for concrete.

Description

TRI-CURE AC is a curing compound used to apply onto the surface of concrete to provide an effective permanent film on the concrete surface to prevent premature water loss from concrete.



Standards complianc

Product certified by (National Research Centre)

ASTM C 309

(type 1 - class B)

Mode of Action

TRI-CURE AC forms a film retains sufficient moisture in the concrete to ensure full hydration of the cement essential for optimum strength development. Membrane-cured concrete is typically harder and exhibits a dust-free surface with a reduced incidence of drying shrinkage cracks.

TRI-CURE AC life cycle,s of the formed film is depended on many variables which included the application of film formation, thickness, UV, concrete porosity and the degree of exposure to weathering.

NOTE

In some application or if needed **Tri-Cure** should be removed by sand blasting or by the mechanical facilities before applying any coating or renders.

Typical uses

TRI-CURE AC is used for :-

- Provide a permanent acrylic membrane on the surface on newly placed concrete to retain moisture for effective curing to take place.
- Used for concrete areas where high compressive strength , high durability is required such as:- runways, motorways, roadwork, bridge – works, hard standing, irrigation canals, roof Per-stressed beams.
- Suitable for all general concreting applications.

Advantages

- Provides a dust proofing permanent layer.
- Reduces surface shrinkage and cracking.
- Enables concrete to hydrate effectively.
- No waiting - apply as soon as possible after placing concrete.

Technical Data @°25c

Appearance	Transparent liquid
Density	0.88 ± 0.02 kg/L
Rate of use	5 - 8 M ² / L (depend on surface conditions)

Directions for use

TRI-CURE AC can be applied by spraying machine or a roller to the surface of the newly placed concrete , care Should be taken to ensure a complete covering .
TRI-CURE AC should be applied as soon as possible after the concrete has been surface finished , but generally within 30 - 45 minutes depending on weather condition.

Package

- **TRI-CURE AC** is available in 5 - 16 liter and 200 lit.

Cleaning

- **TRI-CURE AC** immediately after use the spraying equipment should be cleaned out with Thinner .

Shelf life

- 12 month stored in dry and cool place

Storage conditions

- Store the material in a cool, covered dry place.
- Temperature should not exceed 35 °C.
- Do not expose the pails to direct sunlight and keep away from all sources of heat.

Sustainability and environmental accountability

• TRI-CHEM's Environmental sustainability is the accountability to conserve natural resources and protect global ecosystems to support health and well-being for this a more positive approach is that accountability guides the actions of power-holders towards more socially and environmentally sustainable results.

Technical support

- For any technical support, please contact TRI-CHEM technical office or representatives.

Health and safety responsibility

- Workplace health and safety is all about sensibly managing risks to protect TRI-CHEM's workers and business.
- ISO 45001 is a systematic health and safety management is characterized by strong leadership involving managers, workers, suppliers, contractors and customers and also health and safety management is an essential part of the movement towards sustainable development.
- Spillages should be washed down immediately.
- PPE in accordance with the health and safety rules should be used during the materials application.
- For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.

**Factory & Head Office:**

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Institutional Excellence and quality performance

- Institutional excellence in TRI-CHEM refers to achieving high levels of performance, quality and effectiveness in all aspects of TRI-CHEM company's work, it involves a systematic and continuous effort to improve an organization's performance by applying best practices, innovative approaches and evidence-based strategies, institutional excellence spans various areas, such as training , research, innovation, community engagement, governance, management and sustainability, and involves setting high standards, measuring performance against these standards and continuously improving performance to meet or exceed these standards, excellence in TRI-CHEM also includes a culture of continuous improvement and learning, where everyone in the organization is committed to achieving the organization's goals, working together to find solutions to challenges and opportunities, and requires a collaborative approach that includes all stakeholders.
- All products originating from TRI-CHEM facility are manufactured under a quality management system independently certified to conform the requirements of the quality standards (ISO 9001:2015).

Disclaimer

- While TRI-CHEM guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control.
- TRI-CHEM is recommended to verify with TRI-CHEM that the product is suitable for the intended use, and that this data sheet version is the latest one.
- TRI-CHEM may modify it without prior notice and technical characteristics are listed for guidance only.
- Any specification, recommendation or information mentioned in this product data sheet is (to TRI-CHEM's best knowledge) true and reliable.
- However, because TRI-CHEM has no influence on the application method of these products and the care taken, the company cannot accept any liability arising from the use of its products. TRI-CHEM's warranty is therefore limited to the quality of the materials supplied which are guaranteed against defective materials.

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