

# MIXCURE AC

Acrylic based concrete curing agent

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**Mixcure AC** is a liquid type curing and sealing compound based on specially formulated acrylic and wetting agents. Mixcure AC is used to prevent rapid evaporation of water from fresh concrete ensuring uniform hydration, adequate strength developments and also reduce the plastic shrinkage cracks on concrete surfaces.

Mixcure AC will act as a sealing coat in order to protect concrete surfaces from the attack of water borne salts and atmospheric carbon dioxide gas

## Appropriation

- Curing in high rise buildings where water disrupts trades on lower floors
- Curing in remote areas where water is in accessible
- Dust proofing and floor hardening in almost all concrete surfaces
- Foundation curing, prior to the application of protective coating
- As a primer for subsequent finishing work on concrete surfaces

## Characteristics

Avoid ponding and wet hessian

Eliminate the need of water curing, ideal for high rise construction

Acts as a primer system for subsequent finishes, for new and old concrete

Single component, permanent, penetrating treatment. Hardening action improves abrasion Resistance and chemical resistance to mild acids and Alkalis

Mixcure AC acts as a primer for water based emulsion paints, bitumen coating, and cementitious overlays

Method of application: Mixcure AC can be applied by spray, brush or roller

The product can be applied when initial bleed water disappears

On formed concrete, immediate after removing the form work, apply Mixcure AC by spray, roller or brush

## Technical Data & Properties

Standard conforms: ASTM C-309

Appearance: White liquid

Specific Gravity: 1.1

Flash point: Not applicable

Toxicity: Non Toxic

Clear: Type I, class A White liquid clear film with 65% curing efficiency

White pigmented: Type II, class A, White film with 75% curing efficiency

## Product Management

Application procedure: Mixcure AC should be spray applied as evenly as possible to the freshly placed concrete. Hold the nozzle of the spray approx. 500mm from the concrete surface and pass back and forth ensuring complete coverage. Maintain the pump pressure at a sufficient level to produce a fine spray.

On horizontal surfaces, apply Mixcure AC as soon as the initial surface sheen has disappeared from the concrete face.

For formed concrete, apply Mixcure AC as soon as formwork is struck. Rate of coverage will depend on particular circumstances but will generally be 5 m<sup>2</sup> to 6 m<sup>2</sup> /litre for both Mixcure AC clear and white.

Coverage: 5m<sup>2</sup> / litre depending on the surface. Normally two coats at the above rate are advisable, allowing the first coat to be dried for 3 hours at the second coat

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## Packing & Storage

Mixcure AC is available in 20 litres and 200 litres drums. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers/ storage tanks. Mixcure AC should be stored in cool, dry and shaded warehouses.

Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life.

## Health & Safety

Mixcure AC contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any contact to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each Fab product

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Technical information given in this datasheet is true and exact to the best of our knowledge, laboratory upshot and hands-on application. The datasheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of the publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity, etc. and porosity of substrate may impinge on the values.

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