

## OVERVIEW

**ADDCURE ACC** C is a liquid type curing and sealing compound based on specially formulated acrylic and wetting agents. **ADDCURE ACC** is used to prevent rapid evaporation of water from fresh concrete/G R C ensuring uniform hydration, adequate strength developments and also reduce the plastic shrinkage cracks on concrete surfaces **ADDCURE ACC** will act as a sealing coat in order to protect concrete/G R C surfaces from the attack of water borne salts and atmospheric carbon dioxide gas.

### Properties :

- Excellent adhesion to a wide range of cementitious substrates
- Improves toughness and flexibility, reduces chance of cracking in mortars and screeds
- Improves mortar tensile strength and impact resistance
- Increases wear resistance and frost resistance
- Suitable for interior and exterior applications

## PRODUCT MANAGEMENT

### 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.

### Method of Application

**ADDCURE ACC** should be spray applied as evenly as possible to the freshly placed concrete/ GRC .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 **ADDCURE ACC** as soon as the initial surface sheen has disappeared from the concrete face. For formed concrete, apply **ADDCURE ACC** 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> /liter for both **ADDCURE ACC** clear and white.

### Appropriation

- Curing in high rise buildings where water disrupts trades on lower floors
- Curing in remote areas where water is in accessible
- Water resistant toppings
- 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

### Method of Application

**ADDCURE ACC** 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 **ADDCURE ACC** by spray, roller or brush.

GRIPMIX provides an extensive range of products and services for most concrete and finishing needs. Please contact the GRIPMIX for Building Construction Materials Trading Co. LLC-Dubai for further information, samples, demonstrations and instructor services. The information presented in this leaflet is based upon laboratory research, as well as comprehensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on GRIPMIX's current state of knowledge and is intended to provide general information on GRIPMIX's products and their methods of use. The potential user is recommended to determine the suitability of GRIPMIX's suggestions and products before adopting them on a commercial scale.

## Health & Safety

**ADDCURE ACC** 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 **GRIPMIX** product.

## PACKAGING & STORAGE

**ADDCURE ACC** is available in 20 liters and 200 liters drums. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers/ storage tanks.

**ADDCURE ACC** 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.

## TECHNICAL DATA

Product	ADDCURE ACC
Appearance	White color liquid
Flash point	Not applicable
Specific gravity	Non Toxic
Clear	Type I, class A White liquid clear film with 65% curing efficiency
Service temperature	Type II, class A, White film with 75% curing efficiency
Standard conforms	ASTM C-309