

PACTOCure AC

Acrylic based concrete curing compound
(Available in 2 Grades - Clear and White)



DESCRIPTION

PACTOCure AC is a non-degradable liquid type of curing and sealing compound based on acrylic and proper wetting agents.

PACTOCure AC is used to prevent rapid evaporation of water from fresh concrete ensuring uniform hydration, adequate strength development and minimizes plastic and drying shrinkage cracks. This will also act as sealing coat for protecting concrete from the attack of water borne salts and ingress of carbon dioxide from the atmosphere. The cured film further acts as a primer system for subsequent surface finishes. It also provides a dust free surface to the concrete with a reduced incidence of drying shrinkage cracks.

CHARACTERISTICS

- Dual protection as curing and sealing compound.
- Protects concrete from water borne chlorides, sulphates and atmospheric carbon dioxide.
- Economical, Labour saving, Easy to apply.
- Clear and white pigmented types available

FIELDS APPLICATION

A cost effective curing compound as well as surface sealer for fresh concrete. An effective alternative to hessian, water or polyethelyne curing aids.

PACTOCure AC is suitable for use on all concrete surfaces and acts as a more effective and economical alternative to separate curing, priming systems.

- In high rise construction to eliminate the requirement of water.
- In areas subjected to high drying winds which require continuous curing.
- Surfaces, which requires subsequent finishes.

TECHNICAL DATA

PROPERTIES	VALUES
Appearance	White liquid
Specific Gravity	1.01 ± 0.05
Flash point	Not applicable
Clear	Type 1, Class B Clear film
White pigmented	Type 2, Class B Reflective white film
Curing Efficiency	BS 7542 : > 90% ASTM C 156 : < 0.55 kg/m ²
Standards	ASTM C 309 Type 1 & 2 Class B ASTM C 156: 1998 AASHTO M-148

APPLICATION INSTRUCTION

Mix the contents of the drum thoroughly prior to the application in order to remove the sediments. It is recommended that the curing compound is applied after the initial bleed water evaporates and the concrete has achieved its initial set. The application can be done by a brush, roller or an airless spray at a coverage rate of 5m²/lt. For highly porous surfaces, a second coat has to be applied at the same coverage rate.

PRIMER FOR SUBSEQUENT FINISHES

PACTOCure AC acts as a primer and bonding agents for the following systems:

- Water based emulsion paint systems containing PVA, PVC, and acrylic co-polymers
- Tile adhesives based on the above polymers
- Bitumen based emulsions or solutions
- Cementitious systems



NOTE:

A fresh coat of the curing compound is required if the concrete area is kept open for more than 14 days. The coating shall be applied after carrying out the necessary cleaning of all dust and contamination from the concrete surface. Alternatively, after the necessary cleaning of the concrete surface the recommended primer of the render or coating system shall be applied on top of the **PACTOCure AC** coated surface.

EQUIPMENT CLEANING

Clean all equipment with water.

PACKAGING AND YIELD

PACTOCure AC 20 & 200 ltr. drum

* Refer to website for TDS

STORAGE & SHELF-LIFE

Store in a cool, dry place and keep away from all sources of heat and sunlight. In tropical climates, store in air condition rooms.

The shelf life is up to 12 months in un-opened conditions and if stored as per recommendations.

Excessive exposure to sunlight, humidity and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes 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.



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