

CRESCURE AR is a non-degradable liquid type of curing based on acrylic resins and proper wetting agents. It 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. It also provides a dust free surface to the concrete with a reduced incidence of drying shrinkage cracks.

ADVANTAGES

- High curing efficiency, improves uniform hydration.
- Act as a primer for water based emulsion paints.
- Improves the durability of concrete surface.
- Water based. Eco-Friendly.
- Economical, Labour saving, easy to apply.
- Reduces surface cracking and shrinkage.
- Protects concrete from water borne chlorides, sulphates and atmospheric carbon dioxide.

USES

- Car park, decks and ramps
- Warehouses and unloading base
- Floor slabs
- Concrete tanks and reservoir

SURFACE PREPARATION

It should be stirred before application. Product is ready for use directly from the drum and should not be diluted with water. Surface should be free of water, dust and other contaminants, In case of horizontal surfaces, the product should be applied as soon as the bleed water has evaporated from the surface. Before using, stir the product well, It can be applied by spray, brush or roller. The product can be applied when initial bleed water disappears.

APPLICATION

A cost effective curing compound for fresh concrete. An effective alternative to hessian, water or polyethylene curing aids. In high rise construction to eliminate the requirement for water. In areas subjected to high drying winds which require



TECHNICAL PROPERTIES

Description	Value	Standard
Colour	White emulsion (clear film upon drying)	ASTM C309 Type 1 & II, ASTM C309, ASTM C156, BS 7542
Specific gravity @25°C	1.1 (±0.02)	
Drying time @25°C, min.	30 - 40	
Toxicity	Non toxic	
Clear, kg, m ²	Type 1, Class B, Clear Film Water loss < 0.50	
White Pigmented. %	Type 2, Class B, Reflective white film Curing efficiency > 90	
Application Temperature, °C	5 to 50	

All values given are subject to 5-10% tolerance.

The drying time depends on the type of substrate, temperature, humidity and thickness

continuous curing. Surfaces, which requires subsequent.

PACKING

200 Ltr. drum and 20 Ltr. jerry can.

SHELF LIFE

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of this product is 12 months from the date of manufacturing.

STORAGE

The drums & cans must be stored in a covered area, away from direct sunlight and protected from extreme temperature

COVERAGE

The rate of application is 5.0 - 6.0m²/lit. However, higher coverage rates can be achieved in favorable conditions, such as shaded interior surfaces. An additional coat of its recommended on concrete surfaces, which will be subjected to harsh rough conditions.

RECOMMENDATION

Use only on green or recently poured clean concrete. It should never be applied on concrete which has started to dry out, otherwise the hydration mechanism will be seriously impaired.

CLEANING

Clean all the tools with water immediately after use. Do not apply CRESCURE AR on contaminated concrete surfaces (mould release agent, oil, stains, etc.) as this can lead to concrete stains and reduce the bond of subsequent coats

Product Disclaimer:

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable. All recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control. It is the customer's responsibility to ensure each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

Refer material safety data sheet (MSDS) for further information.

HEALTH AND SAFETY

As with all construction chemical products caution should always be exercised. Protective clothing such as goggles should be worn. Treat any splashes to the skins or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.