



# Kenal Cure AR

## Acrylic Based Curing Compound.

### Description:

**Kenal Cure AR** is a white liquid curing compound based on acrylic resin which cures to form a clear non-penetrating, seamless membrane over new concrete. Preventing rapid water loss during early hardening stage, hence improving the efficiency of cement hydration, increasing durability and reducing the chance of plastic shrinkages' cracks.

### Advantages

- High performance
- Easy application
- Improved durability
- Compatible with water-based paints, cementitious renders & gypsum plasters
- Reduces cost of conventional curing
- Can be used as sealer

### Uses

As a general purpose curing & sealing compound for:

- Concrete construction
- Concrete repairs
- Grouting works

### Specification\*

ASTM 7452: 65% efficient

ASTM C 309: Type 1 or 2 Class A & B

### Typical Properties\*

PROPERTY	TYPICAL RESULTS
<b>Appearance</b>	White liquid
<b>Appearance when applied</b>	Clear
<b>Curing efficiency</b>	>65%
<b>Touch dry</b>	4 hours at 25°C
<b>Recoat time</b>	6 to 18 hours

\*The above properties are average laboratory values

### Packaging

**Kenal Cure AR** is available in 20 and 200ltr. Drums.

### Shelf Life

12 months when stored in cool dry environment in factory packed unopened containers between 5°C – 25°C.

### Theoretical Coverage rate

4-5 m<sup>2</sup> per liter per coat. Minimum two coats recommended.

Actual coverage will depend on wastage & surface profile, and can be up to 20-30% or more higher than the above theoretical coverage.

Do not apply if surface bleed water from the fresh concrete is present or forming.

**Kenal Cure AR** can be applied to dry concrete after the form work has been removed; however the substrate needs to be dampened with clean water prior to application.

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## Installation Guidelines

**Kenal** provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting the work. The information below is a summary intended for guidance only.

## Installation Guidelines

No special preparation is required before the application of **Kenal Cure AR**.

Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

## Mixing

**Kenal Cure AR** is single component product. Stir thoroughly to mix any solid fillers may have settled at the bottom of the drums, until homogenous consistency is achieved. DO NOT add thinner or any solvents.

## Application

**Kenal Cure AR** is applied by low-pressure hand operated spray equipment.

**Kenal Cure AR** should be spray applied to the surface of freshly placed concrete. The curing/sealing compound should be applied as a fine spray as soon as possible after surface water has evaporated from the concrete surface. The spray nozzle should be held approximately 2 feet away from the concrete surface and be passed back and forth to ensure complete spray application.

## Precautions

- Do not add any thinner or solvent.
- Avoid excessive application
- Avoid skin contact
- Do not dispose into water drains.

## Health & Safety

### Health & Safety:

**Kenal Cure AR** is non-toxic. Any splashes to the skin should be washed immediately with water. Splashes to the eyes should be washed immediately with water and medical advice should be sought.

### Cleaning:

Spillages of **Kenal Cure AR** can be removed with water.

## Technical Support

**Kenal Chemical** offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

Ensure the container is available for the medical attendant to examine for any relevant instructions and content details. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labelling.

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