

JAZECURE - CR

Chlorinated Rubber-based, High Performance Curing Agent & Sealing and Surface hardening for the Freshly Laid Concrete

Product Description

JAZECURE – CR is a chlorinated rubber-based, concrete curing agent, sealing, surface hardening and dustproofer for the freshly laid concrete. It is a blend of chlorinated rubber and modifiers dissolved in selected carrier to provide fast drying and quick achieving physical properties. It provides an increase of the mechanical properties, durability and chemical resistance. It prevents the evaporation of mixing water and hence proper hydration of the cement in the concrete matrix. This will lead to optimum physical & mechanical properties of the concrete.

It supplied in three grades:

1. **JAZECURE – CR Clear:** This will provide a clear film after dryness.
2. **JAZECURE – CR White:** that provides a white film after dryness. It contains white pigments to enable for light reflectance to minimize the heat absorbed by the concrete surfaces.
3. **JAZECURE-CR – Aluminized:** that provides a silver film after dryness for solar reflectance to minimize the heat absorbed by the concrete surfaces.

Uses

JAZECURE – CR is formulated as a curing compound, sealer, dustproofer and surface hardener for the freshly laid concrete. It provides dry film that is able to prevent the evaporation of mixing water and hence proper hydration of cement, achieving optimum physical & mechanical properties of concrete and minimizing the surface defects in:

- Parking decks & garages.
- Bridge structures, retaining walls, etc.
- Slabs and floors.
- Marine Structures.
- Precast elements.
- Cement-based rendering & repairing works.

It can be used as a protective coating for old concrete to improve resistance to chemical attack, oil & grease and water & water-soluble salts for floor coating for light traffic.

Advantages

- Easy to apply by brush, roller or spray methods.
- Rapid dryness and quick film formation.
- Proper hydration of cement in the concrete matrix.
- Reduces shrinkage and cracks of concrete surfaces.
- Reduce dusting providing hard wearing surfaces.
- Reduces incidence plastic shrinkage.
- It will act as a sealing, surface hardening agent.



Standards

JAZECURE – CR is formulated to comply with all requirements of ASTM C- 309 Type 1-D, Class A & B and AASHTO M-148 Type 1, Class A &

Technical Properties

Appearance	Clear or white or aluminized liquid
Specific Gravity @ 20 °C	0.9 for the clear grade
Chloride Content	Nil
Adhesion to concrete	Excellent
Flash Point	Water-based, non-flammable
Film Appearance	Clear, or white or aluminized film
Resistance to weathering	Very good.
Coverage	5 - 8 m ² / L depending upon surrounding temperature & application methods.

Guide for Applications

Application

Stir well before use.

Apply unto the fresh poured concrete surface after the final finish and when the water has disappeared from the surface. In case of application upon standing water will dilute the product and hence will affect its performance.

For horizontal surfaces, apply the product using suitable brush, roller or spray, but for vertical & overhead surfaces it is recommended to apply with spray means.

Cleaning

Clean the tools & equipment or spillages with Solvent No. 2.

Packaging

JAZECURE - CR is supplied in 20-liters, 210 liters.

Storage

JAZECURE – CR shall be stored in normal conditions away from any extreme temperatures and away from any source of heat or naked flames.

Shelf-life

JAZECRETE – CR is valid for use for a period 12 months from the date of production and under proper storage.

Health and Safety

- JAZECURE - CR is flammable, so it shall be stored away from any source of heat or naked flames. Work area shall be well ventilated.
- Any contamination of skin shall be removed and then washed with normal water and soap.
- For disposal, mix with sand and bury in landfill and follow the local regulations.
- It shall be treated as flammable material during handling & transportation.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.