

# Carbolink's Solutions for : Curing Compounds



## Curing Compounds Product Specifications & Technical Data Sheets(TDS)

India's Most Preferred  
Construction Chemical Manufacturing Brand



Carbolink India Pvt. Ltd.

[WWW.CARBOLINKINDIA.COM](http://WWW.CARBOLINKINDIA.COM)



## Carbolink India Pvt. Ltd. COMPANY PROFILE



For years, Carbolink India has been the Quality Leader in offering excellent Construction Chemical Products with Supreme Quality and Reliability.

Carbolink India Manufactures Industrial Flooring(Epoxy & PU Flooring), Decorative Flooring, 3D Flooring, Waterproofing Systems, corrosion protection, wood coatings, etc. which cater specifically to the Indian climate. With manufacturing facility in India, Carbolink India manufactures and supply Materials all through the country. Carbolink's commitment to customer service and technical support is the best. We work closely with architects, structural engineers, contractors and owners to best understand their requirements. Together we develop a best solution for a construction project, adding value and becoming more than just a materials supplier, but a solution provider.

With the support of our multinational manufacturing group, Carbolink India today has support centers across the country, strategically placed to provide consistent high standards of product and service.

### Our Product Range:

- Anti Corrosive Coatings
- Car Park Flooring
- Curing Compounds
- Decorative Flooring
- Floor Hardner
- Grouts & Anchors



- Industrial Flooring
- Repairing Compunds
- Sealants
- Sports Flooring
- Tiling Products
- Wood Coatings



## Curing Compounds

A chemical compound which is applied to a concrete surface to prevent the loss of moisture during early stages of cement hydration.

Carbolink manufactures a full range of world class Curing Compounds systems providing the most up-to-date technologies. Carbolink India is a leader in tailored Curing Compound Solutions.

Here is our Curing Compounds Products range:

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# CLI CURE AC - 31C

## Acrylic Curig and Sealing Compound

### DESCRIPTION

CLI Cure AC - 31C is a high solids copolymer that cures concrete and provides a protective coating for interior and exterior concrete including terrazzo surfaces. It bonds tenaciously to concrete forming an inert, impervious film that is resistant to the alkali from fresh cement, salts and many construction stains. It impregnates the top surface of a floor, making it highly resistant to the penetration of dirt and staining materials. CLI Cure AC - 31C complies to ASTM C 309 Types 1 & 1D, Class B.

### ADVANTAGES

- Higher solids content for increased curing efficiency
- Provides a clear curing film for new concrete
- Seals all concrete surfaces – old or new and easy to clean
- Hardens new concrete by promoting a proper cure for improved abrasion resistance
- Dustproofs concrete by impregnating surface pores with tough durable film
- Protects fresh concrete from rain damage after drying
- Compatible with many paints, adhesives, and resilient floor coverings

### APPLICATION

- Industrial Floor Slabs
- Parking Garages
- Exterior Pavements and roads
- Warehouses
- Walls and Columns
- Dry Shake Hardened Floors
- Terrazzo Floors
- Passenger and freight Terminals

### APPLICATION METHODOLOGY

- For the best cure of freshly placed concrete, apply CLI Cure AC - 31 C as soon as possible after finishing operations and / or immediately after the disappearance of the “sheen” of surface moisture. Application should be made with a high pressure industrial sprayer, lambs wool applicator, short nap roller or brush. Do not cover more area than can be worked in 10 minutes as the CLI Cure AC - 31C membrane will start to dry.
- When sealing old concrete, the surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss. Apply CLI Cure AC - 31C with a high pressure industrial sprayer, lambs wool applicator, short nap roller or brush.
- Use 2 coats of CLI Cure Acrylate.
- Do not apply to concrete surfaces or at ambient temperatures below 10 °C.
- Do not apply over bleed water or free standing water.

### CHARACTERSTICS

Drying time	< 1 Hr
Alkali Resistance 48 hrs Exposure	Passes
Flash Point	43 °C
Adhesion to Concrete	Passes
Theoretical Coverage, m <sup>2</sup> /L	4 - 6 in two coats
Total solid, %	30
Salt spray, 500 hrs exposure	Passes
Solvent Resistance	Minimal
Adhesion to Asphalt Tile	Passes

### HEALTH & SAFETY

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- Ensure adequate ventilation and avoid inhalation of product.
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting

**PACKING**

Available in 20 L and bulk pack.

**STORAGE AND SHELF LIFE**

Keep in a cool and dry place under shed away from heat. The shelf life of product is 9 months in original unopened sealed condition.

**CONDITIONS OF SALE**

Sold subject to the Company's conditions of sale which are available on request.

**NOTE**

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.



## **CLI CURE WE - 10C**

### **Paraffin Based Concrete Curing Compound**

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#### **DESCRIPTION**

CLI Cure WE - 10C is a liquid, membrane forming curing compound for concrete. It protects new concrete and reduces crazing, spalling and flaking on the surface. It is non-flammable paraffin – emulsion. It conforms ASTM C 309, Types 1 & 1D, Class B.

#### **ADVANTAGES**

- Provides a transparent curing film for new concrete
- Seals concrete surfaces to protect from the effects of weathering
- Helps eliminate dusting and hardens concrete surface by promoting proper cement hydration
- Resistant to yellowing

#### **APPLICATION**

- Interior and exterior concrete
- Curing compound for fresh concrete
- Sealing old concrete

#### **APPLICATION METHODOLOGY**

- Concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent absorption of the CLI Cure WE - 10C.
- Requires no pre-blending and should be used directly from the container.
- Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand held “pump-up” sprayer or with an airless industrial sprayer.
- If roller applied, use a short napped, solvent resistant sleeve.
- Allow the product to dry 4-6 hrs before exposure to traffic.
- Do not apply to concrete surfaces at ambient temperature below 4 °C. Warm material to a minimum temperature of 10 °C before use.
- Do not apply over bleed water or free standing water.
- Do not apply over concrete to receive concrete toppings, epoxy, or urethane based coatings or adhesives.
- For best cure of freshly placed concrete, apply CLI Cure WE - 10C as soon as possible after finishing operations and / or immediately after the disappearance of the “sheen” of surface moisture.
- When applying on old concrete, the surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss. CLI Cure WE - 10C may be placed on top of a previous coat of the same product. The surface must be clean and dry for proper adhesion.

#### **CHARACTERISTICS**

Physical Appearance	Milky white liquid
Drying time	< 1 hr
Theoretical Coverage, m <sup>2</sup> /L	
• Textured Concrete	4.9 – 7.4
• Smooth Concrete	7.4 – 8.6

#### **CLEANING & MAINTENANCE**

Clean tools and equipment with water before the material hardens.

#### **HEALTH & SAFETY**

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- Ensure adequate ventilation and avoid inhalation of the product.
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

#### **PACKING**

Available in 20 L & 200 L drum.



**STORAGE AND SHELF LIFE**

Keep in a cool and dry place under shed away from heat. The shelf life of product is 9 months in original unopened sealed condition.

**CONDITIONS OF SALE**

Sold subject to the Company's conditions of sale which are available on request.

**NOTE**

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# **CLI PRIME AC - 31B**

## **Single Component Acrylic Based Primer For Concrete Surfaces**

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### **DESCRIPTION**

CLI Prime AC - 31B is a single component acrylate based primer for concrete surfaces. It is transparent, colourless. It bonds well to the concrete surfaces.

### **ADVANTAGES**

- For Priming surface in case CLI Coat AC - 31(S)

### **APPLICATION**

- Used as primer for concrete surface

### **APPLICATION METHODOLOGY**

- Surfaces to be sealed must be dry, structurally sound, and free from grease, oil, dirt and other contamination. Remove any curing compound or releasing agents prior to coating. Use compressed air to remove dust and other loose particles. Ensure that the surface is not saturated with water prior to application.
- Mix well before application, to ensure that there is no sedimentation.
- A low pressure, airless sprayer is the preferred method of application. But a brush or roller may also be used for coating. Material should be applied to assure uniform coverage. Apply CLI Prime AC - 31B primer as per the coverage. Allow the primer to dry for at least 4 -5 hours before over coating

### **CHARACTERSTICS**

Physical appearance	Clear colourless low viscous liquid
Specific gravity	0.90 + or - 0.02
Theoretical Coverage, m <sup>2</sup> /L	4 – 5

### **CLEANING**

Tools, equipment and general clean-up can be done with Xylene or Toluene.

### **HEALTH & SAFETY**

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- Ensure adequate ventilation and avoid inhalation of product.
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

### **PACKING**

Available in 20 L pack.

### **STORAGE AND SHELF LIFE**

Keep in a cool and dry place under shed away from heat. The shelf life of product is 12 Months in original unopened sealed condition.

### **CONDITIONS OF SALE**

Sold subject to the Company's conditions of sale which are available on request.

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**Carbolink India Pvt. Ltd.**  
105, 1st Floor, Bhavya Sree Arcade,  
Above BATA, Erragadda,  
Hyderabad- 500018, INDIA  
Tel : +91 2370 0524, 2381 0264  
Email : [info@carbolinkindia.com](mailto:info@carbolinkindia.com)