

Carbolink's Solutions for Anti Corrosive Coatings

# CLI Prime Zn 40



Anti Corrosive Coatings 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



## Anti-Corrosive Coatings

Corrosion resistant coatings protect metal components against degradation due to moisture, salt spray, oxidation or exposure to a variety of environmental or industrial chemicals. Anti-corrosion coating allows for added protection of metal surfaces and act as a barrier to inhibit the contact between chemical compounds or corrosive materials. Many of the coatings listed below also provide a bonus of abrasion resistance, non-stick performance and chemical protection. Metal Coatings provides both corrosion resistant bolt coating services and corrosion protection fastener coating services.

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

Here is our Technical Description on CLI Prime Zn 40 :







# CLI PRIME Zn 40

## TWO COMPONENT ANTI CORROSIVE ZINC PHOSPHATE PRIMER

### DESCRIPTION

CLI Prime Zn 40 is a two component, polyamide cure zinc phosphate anti-corrosive epoxy primer for steel surfaces. CLI Prime Zn 40 is composed of zinc phosphate, non-lead pigments and inert mineral fillers in a polyamide binder with aromatic hydrocarbons and alcohol solvents.

### ADVANTAGES

- Resists most chemical environment when used with recommended topcoats.
- Resists water / corrosion
- Provides good anti-corrosion protection
- Facilitates adhesion of finish onto difficult substrates
- Non-toxic, safer to use as compared to chromate version

### APPLICATION

- Suitable for use on blast cleaned steel where a complete epoxy system is required. It is suitable as a patch primer for treatment of manually prepared steel.

### APPLICATION METHODOLOGY

- Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Thoroughly dust down the surfaces.
- Remove majority of rust scales from surface of rusting steel structure / reinforcement by wire brush, chipping or grinding.
- Ensure that the substrate temperature is in the range of 10 °C – 110 °C.
- Apply ShaliRustOff on the surface where wire brush is not reachable and allow the surface to dry for 30 minutes.
- Apply CLI Prime Zn 40 on dry surface.
- Mix Comp A and Comp B in the ratios of 5.5 : 1 by volume and in the ratios of 8.9 : 1.1 by weight.
- Apply CLI Prime Zn 40 by brush, roller or spray. When applied by airless spraygun, ensure that the minimum working pressure of 140 kg / cm<sup>2</sup> with a spray tip size 0.43 – 0.53 mm and a spray tip angle of 65°. It is important that the base and the hardener are at the minimum temperature of 15 °C when mixed for satisfactory spray application
- CLI Prime Zn 40 may be over coated with conventional paints or two-pack epoxy paints and polyurethane. Over-coating can be done after 8 - 10 hrs; however, it is recommended to coat after 12 - 24 hrs of application of primer to obtain superior performance.

### CHARACTERISTICS

Colour	Grey
Theoretical Coverage, m <sup>2</sup> /L	5.00 – 8.00
Dry Film Thickness	60 – 100 micron
Application Temp, °C	>10 to < 110
Pot Life, 30 °C , hr	Upto 4
Curing Time Full Cure, days	7

### 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 vapours as some people are sensitive to resins, hardeners and solvents.
- 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 15 L container.

### STORAGE AND SHELF LIFE

Store in a cool 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.

**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.

**India's Most Trusted  
Construction Chemical Manufacturing Brand**



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