

Carbolink's Solutions for Anti Corrosive Coatings

CLI Coat AWB



Anti Corrosive Coatings Product
Specifications & Technical
Data Sheets(TDS)

India's Most Preferred
Construction Chemical Manufacturing Brand



Carbolink India Pvt. Ltd.

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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 Coat AWB :





CLI COAT AWB

WATER BASED PROTECTIVE-CUM-ANTI CARBONATION COATING

DESCRIPTION

CLI Coat AWB is a high build elastomeric, micro porous coating, which facilitates long term protection and decoration of concrete and masonry surfaces. CLI Coat AWB gives an extremely tough coating, which allows substrate to breathe. CLI Coat AWB may give textured finish.

ADVANTAGES

- Water based, non-toxic, environment friendly green product.
- High build elastomeric, micro porous coating.
- Excellent resistance to carbon dioxide, air-borne / water-borne chloride.
- Excellent crack bridging properties and weathering resistance.
- Protective / decorative coating, which allows structure to breathe.

APPLICATION

- Bridge abutments.
- External concrete surface of storage tank and masonry surface.
- Multistoried building and villas.
- High external tough UV resistant coating like on pipe protection enamel. Concrete cladding.
- Subways.

APPLICATION METHODOLOGY

- Remove dust, flakes, oil, grease or other loose foreign particles by sand blasting, iron brush or compressed air.
- Remove oil and, grease, chemical contaminants and extraneous matter.
- Ensure that the substrate is sound, clean and free from dust and all loose or flaking material. Fill all holes and deep cracks with a suitable filler.
- Ensure that no trace of mould or algae remains and that area is treated with a suitable antifungicide or bleach solution.
- In case of new cementitious substrate, ensure that the substrate is fully cured for atleast 14 days.
- Stir drums thoroughly for uniformity. For best result, use a variable speed drill mixer with a spiral type blade at the bottom of stirrer rod. The speed may be 400-600 rpm
- Dilute CLI Coat AWB by adding 10% clean water by volume and prime old, absorbent and weathered surface. On non porous surfaces, apply CLI Coat AWB undiluted. Prime all metal substrates with CLI Prime Zn 40.
- Apply CLI Coat AWB evenly at temperatures between 3 °C and 30 °C with roller, brush or airless spray. Use two coat systems on dark, absorbent and heavily textured surfaces and when full carbonation protection is required. Porous, rough and irregular surfaces will reduce coverage rates.

CHARACTERSTICS

pH	9 -11
Thinning Agent	Water
Co2 resistant equivalent air layer thickness	123m @ 160 µ W
Water Vapour	0.02 mg
Permeability, 24 hrs	
Resistant to weather	Very Good
Surface structure	Smooth
Binders	Pure Acrylate
Density, grm / cc	1.35 approx
Water absorption according to DIN 52617	w < 0.2 kg / m2 hr
Theoretical Coverage m2 / L / Coat	6 - 7
Co2 diffusion coefficient	6.4 x 10 power 5

CLEANING & MAINTENANCE

Clean all tools immediately after use with water.

HEALTH & SAFETY

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- 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 10 L and 20 L drums.

STORAGE AND SHELF LIFE

Store in a cool dry place at temperatures between 5 °C and 30 °C, under shade, away from heat. The shelf life of product is 1 year 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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