

Carbolink's Solutions for Waterproofing

CLI IW++



**Waterproofing Product
Specifications & Technical
Data Sheets(TDS)**

India's Most Preferred
Construction Chemical Manufacturing Brand



Carbolink India Pvt. Ltd.

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



Waterproofing

Waterproofing is the process of making an object or structure waterproof or water-resistant, so that it remains relatively unaffected by water or resisting the ingress of water under specified conditions. Such items may be used in wet environments or under water to specified depths.

Water resistant and waterproof often refer to penetration of water in its liquid state and possibly under pressure, whereas damp proof refers to resistance to humidity or dampness. Permeation of water vapor through a material or structure is reported as a moisture vapor transmission rate.

Waterproofing is used in reference to building structures (such as basements, decks, or wet areas), watercraft, canvas, clothing (raincoats or waders), electronic devices and paper packaging (such as cartons for liquids).

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

Here is our Technical Description of CLI IW++ :





CLI IW ++

Integral Waterproofing-cum-Corrosion Inhibitor For Reinforced Cement Concrete (RCC)

DESCRIPTION

CLI IW ++ is revolutionary liquid waterproofing compound which protects concrete internally from water ingress as well as saves the re-bars of reinforced concrete and mortar against chloride induced corrosion. The unique bi-polar compound migrates through concrete during curing process and puts a passive layer over re-bars to stop chloride corrosion. It meets the requirements of IS 2645, IS 9103 and ASTM C 1582M.

ADVANTAGES

- Corrosion resistant & highly impermeable
- Easily dispersible & compatible with RCC
- Highly compressive strength
- Reduces shrinkage crack development
- Provides greater workability
- Increase durability of concrete

APPLICATION

- Used in RCC floors, walls and slabs.
- Mass concrete casting making dyke walls
- Bridges and Marine structures
- Deicing areas.

APPLICATION METHODOLOGY

- Dry mix cement, sand, aggregate in concrete mixer for 2 minutes.
- Add 75-80% of required water into the mix and mix for 3 minutes.
- Add CLI IW++ in the ratio of 200 ml per bag of cement in remaining water and then wet mix for 2 minutes after adding such dosed water.
- Place the concrete or apply plaster, as needed
- Cure the applied mortar or concrete as per good construction practices.
- For Air entraining agent, a pre-blend trial must be done to decide the doses of air entraining agent as CLI IW++ with air entraining agent increases air producing efficiency.
- Compatible with all types of Portland cement including SRC (Sulphate Resistance Cement) and not compatible with high alumina cement.

CHARACTERSTICS

Appearance	Light yellow free flowing liquid
pH	9 - 13
Specific Gravity @ 30 °C	1.09 ± 0.01
Water permeability	Pass
Non Volatile, %	18 ± 1

HEALTH & SAFETY

- Use nose cover, goggles and hand gloves during application.
- Clean hands with soap water after application.

PACKING

Available in 5 L, 20 L and 200 L container.

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.

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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