

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 Liquid Waterproofing For Cement Plaster And Concrete (PCC)

DESCRIPTION

CLI IW is special type of integral liquid water proofing compound composed of wetting agent, plasticiser, polymers and additives. It is an admixture for concrete, mortar and plasters. It contains additives and polymers which makes the concrete cohesive and less of capillaries. It meets the requirements of IS 2645- 2003 and IS 9103- 2000 standards.

ADVANTAGES

- Reduces Permeability
- Easily dispensable / compatible
- Reduces capillary
- Avoid shrinkage crack development
- Facilitates better workability
- Enhance durability

APPLICATION

- Used in basement, roof slab, screed.
- Water tank, terrace, floors that must be water tight.
- External plastering, bathroom and balconies.
- Mass concrete foundation walls

APPLICATION METHODOLOGY

- Cement, sand and aggregates are charged in the mixer and dry mix for 2 minutes
- Add 75-80 % of water and mix for 3 minutes.
- CLI IW is added as per the recommended dosage into the remaining part of the water and the mix is added to concrete mixer & mixed for another 2 minutes.
- Place the concrete or apply plaster, as needed.
- Cure the applied mortar or concrete as per good construction practices

CHARACTERSTICS

Colour	Wine Colour
Specific Gravity @ 30 °C	1.08 ± 0.01
pH	9 - 13
Water Permeability	Pass
Non Volatile Content, %	15 ± 1
Chloride content, %	< 2
Setting Time, minutes	40 - 550
Dosage, ml / 50 kg cement	200

HEALTH & SAFETY

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

PACKING

Material is available in 1 L, 5 L and 20 L.

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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