

Carbolink's Solutions for Anti Corrosive Coatings

RR 18C



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 RR 18C :





RR - 18C

CHLORIDE / SULPAHTE FREE LIQUID RUST REMOVER

DESCRIPTION

RR - 18C is chloride and sulphate free liquid rust remover. It effectively removes rust from steel surfaces. Preferably, RR - 18C is applied before application of any protective coating.

ADVANTAGES

- Simple, economical, cost effective and easy to apply.
- Contains corrosive, being free from any chloride component.
- Effective rust remover, even removes from areas difficult to reach.
- Excellent for equipment and structural rust removal.

APPLICATION

- Steel structures.
- Tanks.
- Water pipelines.
- Shuttering plates.
- Other steel surfaces.

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 5 °C – 40 °C.
- Apply RR - 18C on affected surface by using cotton waste swab or by brush.
- Leave the surface coated with RR - 18C for atleast 15 to 30 minutes.
- Rusty surface will change its colour to original blackish steel.
- Then remove the loose rust particles by scrubbing or simple dusting with brush.
- Still if any rust remains on surface of steel, apply second coat of RR - 18C on bone dry first coat.
- When applied over corroded reinforcement steel, wash the surface with clean water before taking up further works of repairs.
- RR - 18C is acidic in nature, when applied to clean rusted rebars. Ensure that traces of acid are removed completely with water jet before applying coatings or primers.
- Do not apply RR - 18C to clean rusted rebars in critical RCC structures.

CHARACTERSTICS

Specific Gravity	1.18 ± 0.02
Theoretical Coverage, kg/m ²	0.12 to 0.15
Nature	Acidic
Colour	Light Pink

HEALTH & SAFETY

- Use goggles, mask, nose cover and hand gloves during application.
- Clean hands with warm 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.
- Ensure adequate ventilation and avoid inhalation of vapours as some people are sensitive to resins, hardeners and solvents.
- If swallowed seek medical attention immediately. Do not induce vomiting.

PACKING

Available in 1 Kg container.

STORAGE AND SHELF LIFE

Store in a cool dry place under shed away from heat. The product shelf life 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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