

Carbolink's Solutions for Grouts & Anchors

E 135



**Grouts & Anchors 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



Grouts & Anchors

Cement and Epoxy resin grouts for construction applications including grouting baseplates, machine bases, rails and all sorts of voids in new construction and repair work.

With exceptional flow, stability and strength characteristics, our grouts provide the best solution for high precision and critical applications, together with a wide range of cement and resin based anchoring systems. The range of grouts and anchors is tested and outperforms industry laid norms and standards.

Utilizing our extensive range of products, combined with the expert knowledge and experience of our people, Carbolink strives to deliver an innovative and value-driven solution. Always in constant consultation with our customers, Carbolink will develop a tailored solution for any construction project, adding value and becoming more than just a materials supplier.

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

Here is our Technical Description of E 135 :





E 135

Admixture and Polymer Bonding Agent (SBR)

FEATURES

High performance polymer additive for cement and concrete mixes

Water resistant - used as a temporary waterproofing barrier on rooftops

High strength - ideal for patching, can be feathered out to repair minimal cracks and also for use in coving areas

Non-toxic - does not create occupational health & safety concerns

DESCRIPTION

E 135 is an SBR, multipurpose, concentrated, liquid polymer additive which when used with sand/cement, greatly improves the bond strength and flexibility. Being water resistant, E 135 mixed with cement can be used as a water resistant barrier coat. It can also be used as an admix for renders / screeds creating high bond strength and flexibility. E 135 can be applied to damp surfaces (Saturated Surface Dry no standing water) and can be rendered or painted over.

SURFACE PREPARATION

The surface to be treated should be clean, sound, free from oil, grease, laitance, dust and other barrier materials.

Use a suitable degreaser to remove polish, wax, grease, oil and similar contamination substances prior to the mortar application. New concrete should be allowed to cure for at least 28 days.

MIXING

Temporary Waterproofing

1 part Polymer bonding agent : 2 parts cement, (by volume).

Admix for render / screed / coving: Mix 1 Part Polymer bonding agent with 3 parts water and use as the gauging mix (mixing water) with a 3 : 1 or 4 : 1 sand / cement mix.

Binder coat : 1 part E 135 : 1 part water : 4 parts cement (by volume).

APPLICATION

Temporary Waterproof

E 135 with fine cement to a lump free consistency. Pre - moisten the concrete then apply a first coat using a brush or roller to achieve 1mm wet bed thickness. Allow first coat to set, then apply second coat at right angles to the first application to ensure no pinholing occurs.

Slurry Coat

Mix to a thin binder and spread the mix over the surface with brush or roller, or small broom. Maximum thickness recommended is 2 mm. While the binder coat is still wet, apply render or screed over it.

Render/Coving

Apply binder coat on the prepared surface. While the binder coat is wet apply the Polymer bonding agent mortar mix with a wood float trowel, ensuring firm pressure on the trowel to work the render into good contact with the surface.

Screed

A minimum thickness of 15mm is recommended when using diluted Polymer bonding agent instead of water. For a thickness greater than 40mm, reinforcing mesh is required.

Using a roller, brush or a flat trowel, coat the prepared area with a binder coat of Polymer bonding agent to improve adhesion to the substrate.

Apply the screed mix whilst the binder coat is still wet using a straight edge, trowel or timber batten to level the screed.

Achieve falls in shower recesses to a minimum 1 : 60 : internal wet areas (eg bathrooms) to a minimum of 1 : 80 : and external areas to a minimum of 1 : 100.

Screeds should be left with a wood float finish to create a key for tiling and waterproofing. When reinforcing the screed with mesh, apply first layer of screed, lay in the mesh and apply the second layer of the screed. Do not lay the mesh directly onto the substrate.

DRYING TIME

Approximately 16 hours (overnight) at 23°C and 50% relative humidity when used for water resistant or render / screed.

PROPERTIES

The values shown are typical of results obtained in the laboratory at 27 ± 1°C. Actual performance values obtained on site may vary from those quoted.

PHYSICAL PROPERTIES

E 135	@ 27 ± 1°C
Appearance	White colour liquid
Specific Gravity	1.02 - 1.03 gram/cc
pH	8 - 10

PACK SIZE

1 Litre, 5 Litres and 20 Litres.

STORAGE AND SHELF LIFE

E 135 has a shelf life of 12 months if kept in a dry, store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

PRECAUTIONS

In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction to epoxide materials. Always wear gloves and eye/face protection is necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL / SPILLAGE

Spillage of any of the C 20 product should be removed with plenty of water. Disposal of such product or empty packaging should be in accordance with local waste disposal authority regulations.

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**



Carbolink India Pvt. Ltd.
105, 1st Floor, Bhavya Sree Arcade,
Above BATA, Erragadda,
Hyderabad- 500018, INDIA
Tel : +91 2370 0524, 2381 0264
Email : info@carbolinkindia.com