

# Carbolink's Solutions for Repairing Compounds

## CLI Crack Fill C33



**Repairing Compounds Product  
Specifications & Technical  
Data Sheets(TDS)**

India's Most Preferred  
Construction Chemical Manufacturing Brand



**Carbolink India Pvt. Ltd.**

[WWW.CARBOLINKINDIA.COM](http://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



## Repairing Compounds

Repairing Compound is fast setting, hydraulic cement product formulated to stop leaks in concrete and masonry surfaces. It is particularly effective for stopping the flow of running water. Repairing Compounds are ready to use and requires only the addition of water before plugging and sealing cracks.

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

Here is our Technical Description of CLI Crack Fill C33 :







## CLI Crack Fill (CF 33)

### Non-Shrink Fast Setting Hydraulic Cementitious Product

---

#### DESCRIPTION

CLI Crack Fill (CF 33) is fast setting, hydraulic cement product formulated to stop leaks in concrete and masonry surfaces. It is particularly effective for stopping the flow of running water. CLI Crack Fill (CF 33) is ready to use and requires only the addition of water before plugging and sealing cracks.

#### ADVANTAGES

- Plugs wet cracks in concrete and masonry surfaces to seal out water.
- Stops water seepage at floor and wall junctions.
- Stops running water, reducing damage.
- Expands as it sets for a water tight repair.

#### APPLICATION

- Basement repairs
- Manhole repairs
- Concrete pipe and bell repairs
- Anchoring bolts and hand rail setting

#### APPLICATION METHODOLOGY

- Ensure that the concrete is clean and rough. Remove all oil, dirt, debris, paint and unsound concrete.
- Prepare surface mechanically by using a scabber or wire brush.
- Use vacuum cleaner or pressure washing to ensure thorough cleaning and removal of all residue.
- CLI Crack Fill (CF 33) does not require any special bonding procedures.
- Ensure the temperature ranges between 16 °C – 32 °C.
- Add CLI Crack Fill (CF 33) in appropriate amount of water for the batch size
- Mix with a drill and “jiffy” mixer for about a minute.
- Place the mix immediately on the leaking concrete / masonry surface.
- In case of cracks, widen out and clean cracks to at least 15 mm x 15 mm deep, apply CLI Crack Fill (CF 33) to plug the prepared crack with a pointing trowel and slick off the surface. Prepare a cove at the junction. If more time is desired when preparing the cove, mix the CLI Crack Fill (CF 33) with ice water.
- In case of running water, Dam up running water. Prepare all cracks properly and, if possible, relieve excess hydrostatic pressure by drilling a relief hole or by chiseling out the crack at its very lowest point. Mix an adequate quantity of CLI Crack Fill (CF 33). After mixing, immediately place the plug of CLI Crack Fill (CF 33) in your hand and hold it until it suddenly begins to get warm. This will take 2 –3 minutes from the start of mixing. At this point, speed in working is essential. Force the CLI Crack Fill (CF 33) plug into the hole or crack which is to be sealed off. Start filling cracks or holes at the top. To close the final opening and seal off a stream of water, make sure the CLI Crack Fill (CF 33) plug is starting to warm up. At that moment force into the hole and exert pressure either with your hand or trowel for a full 5 minutes or longer to assure setting of the plug. In some cases where the water is extremely cool, it may be necessary to hold the plug in place for a little longer.
- In case of Bolt and Hand Rail Anchoring, use a star drill to make a hole approximately 1 – 1/2” (38 mm) larger than the anchor. Mix enough CLI Crack Fill (CF 33) to fill the area and pour and tamp it into place around the anchor.
- Finish CLI Crack Fill (CF 33) to the desired texture to match the surrounding concrete. Do not
- Add additional water to the surface during the finishing operation. Use CLI AWP as final waterproofing coating for additional protection against water seepage and to improve the appearance and uniformity of the repair area.
- CLI Crack Fill (CF 33) requires no special curing procedures.

#### CHARACTERISTICS

Physical Appearance	Cementitious grey powder
Mixing ratio of water	0.18
Compressive strength, Kg / cm <sup>2</sup>	
• 1 day	170
• 7 day	280
• 28 day	320

**HEALTH & SAFETY**

- The product should not come in contact with the skin and eyes, or be swallowed.
- Ensure adequate ventilation and avoid inhalation of vapours as some people are sensitive to resins, hardeners and solvents.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately - do not induce vomiting.

**PACKING**

Available in 1 kg and 25 kg Pack.

**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**



**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](mailto:info@carbolinkindia.com)