

Product Data Sheet

WATERPROOF CEMENT PRIMER

ABOUT THE PRODUCT:

CRACK FIX G+ is a high-performance epoxy crack filler designed as a free-flowing material for applications subjected to heavy dynamic and mobile loads. It features low shrinkage, high bearing capacity, minimal creep, and excellent flow ability, making it ideal for the most demanding epoxy installations requiring a strong bond to existing foundations. CRACK FIX G+ complies with ASTM C307 (Type I, Grade II, Class A) and meets the thermal compatibility requirements with concrete as per ASTM C884.

BENEFITS OF THE PRODUCT:

- Fast setting for a quick return to service
- High resistance to chemicals
- Excellent bearing capacity
- Strong bond between foundation and base plate
- Stability in deep or thick sections

PACKING DETAILS:

Crack fix G+ epoxy heavy-duty crack filler is a product available in 1.5 Kg pack.

PRODUCT USES:

- Filling and repairing structural cracks in walls, ceilings, and floors
- Suitable for deep-fill machine bases
- Designed for high-strength applications, including crane rails
- Effective for tanks, turbines, and housings
- Perfect for large anchor bolts and keyways
- Enables quick re-grouting and rapid start-ups
- Ideal for pump compressors and fans

CLEANING & MAINTENANCE:

- Tools and mixers can be cleaned using solvents such as Xylene or Toluene.

APPLICATION METHODOLOGY:

Surface Preparation:

- Ensure the new concrete is at least 28 days old, clean, sound, rough, and free from oil, dirt, debris, paint, unsound concrete, or other contaminants.
- Mechanically prepare the surface using a scrubber, bush hammer, shot-blast, or scarifier to achieve a surface profile of at least 3 mm, exposing the coarse aggregate of the concrete.
- Remove all residues using a vacuum cleaner or pressure washing.
- If mechanical preparation is impractical, acid etching can be used, but it is recommended that only experienced contractors perform this process. After acid etching, pressure wash thoroughly to remove the salts and allow the concrete to dry completely.

Mixing:

- Mix Component B (hardener) into Component A (resin) for 2 minutes using a drill mixer until a homogeneous mixture is obtained.
- Slowly add Component C (aggregate), ensuring complete dispersion, and continue mixing for another 2-3 minutes until the aggregate is fully wetted.

Application:

Pour the mixed material into holes or block-outs and spread using a funnel or directly, if space allows. To prevent grout leakage, use wooden or MS shuttering material with polythene sheets.

Curing:

CRACK FIX G+ requires no special curing procedures.

STORAGE AND HANDLING INSTRUCTIONS:

Store in a cool, dry place, under a shed, and away from heat.

SAFETY PRECAUTIONS:

- Wear a mask, nose cover, and hand gloves during application.
- Wash hands thoroughly with soap and water after application.
- Avoid contact with skin and eyes. If contact occurs, rinse immediately with plenty of clean water, cleanse with soap and lukewarm water, and seek medical advice. Avoid using solvents to clean the affected area.
- Prevent ingestion. If swallowed, seek medical attention immediately. Do not induce vomiting...

TECHNICAL PROPERTIES

Compressive Strength 50mm ³ , kg/cm ² <ul style="list-style-type: none"> ▪ 24 hour ▪ 7 days ▪ 14 days 	700	Flexural Strength, 7 days, kg/cm ² ,	280
	900	Tensile Strength, 28 days, kg/cm ²	150
	1000	Consumption Yield kg/cm ³	1950
Linear Shrinkage	Negligible	Gel Time, 30 OC, Minutes	45 – 60
Impact Resistance	Greater than Concrete or cementitious grout	Bond to Concrete	Exceeds tensile & shear strength of concrete
Chemical Resistance	Resist to most of Chemicals	Abrasion Resistance	Greater than concrete

QUALITY ASSURANCES:

Manufacturing Standards: Crack fix G+ is produced under stringent quality control measures, ensuring compatibility with various climatic conditions across India.



GOLDEN BUILDING CHEMICALS

The information given in this data sheet is based on both current development and many years of field experience. While every effort is made to ensure that the information is reliable, we cannot accept responsibility of any work carried out with our products as we have no control over the application procedure adopted at site and site conditions. In view of continuous research and development in our laboratory, we advise customers, in their own interest, to ensure that this data sheet has not been superseded by any other publication. Field services where provided, does not constitute supervisory responsibility. For additional information, Golden Chemical local representative or customer care department may be contacted.