



COREFIX CRACK REPAIR EPOXY UNDERWATER

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

COREFIX CRACK REPAIR EPOXY UNDERWATER, is a 100% epoxy-amine type curing agent especially formulated for use to cure at high humidity, low temperature (down to 5 deg C) and underwater. It has excellent chemical resistance and low water miscibility. It renders excellent adhesion even during damp and cold conditions.



RECOMMENDED APPLICATIONS

- ✓ Structural repair of cracked concrete by injection
- ✓ Repair and filling of small hairline cracks in reinforced concrete structures
- ✓ Sealer for cement-based surface



ADVANTAGES

- ✓ Designed for industrial application
- ✓ Low Viscosity
- ✓ High compressive strength and tensile strength
- ✓ can be applied on damp surface, dry surface



PRODUCT INFORMATION

COLOR : yellowish to amber color

MIX RATIO : 2 parts of Part A Base; 1 part of Part B Hardener by volume

PACKAGING : 3.0 kg-set

STORAGE : Store in a cool, dry place, away from direct sunlight.

SHELF LIFE : 12 months from manufacturing date



TECHNICAL INFORMATION

Pot Life: 25-30 mins 25 deg Celcius

Curing time: 24 hours under normal condition



ENVIRONMENT

Our facility complies with the proper waste management procedures. Our products are also free of ozone depleting substances.



SUSTAINABILITY

Our company is committed to Carbon Neutrality thru our various programs such as our GHG Emission Reduction Logistics Approach and OPTI Trees Planting Program.



APPLICATION INSTRUCTION

SURFACE PREPARATION

Concrete Surfaces All surfaces must be smooth, sound and free from debris. Surfaces must be free from oil contamination. Concrete surfaces must be free from any trace of release oils and curing compound. Pressure Injection Blow compressed air along the crack lines to completely clean, remove dirt and other loose contaminating materials. Provide temporary seal on crack surface except entry and exit ports. If necessary provide V-cut on cracks to ensure filling up of cracks with epoxy. Inject **COREFIX CRACK REPAIR EPOXY UNDERWATER**, a low viscosity structural epoxy adhesive into cracks using a pressurized epoxy injection machine. Injection shall begin at the lower entry port until epoxy oozes of the next adjacent port. Seal the first entry port and continue the injection on the succeeding port until the entire cracks are properly filled-up.

MIXING

The entire contents of the hardener should be added to the base container and mixed thoroughly for 3-5 mins until a homogeneous mixture is observed. It is recommended to use an industrial mixing drill.



COVERAGE

3 L volume of workable medium for every 3 kg-set depending on the substrate



HEALTH & SAFETY

COREFIX CRACK REPAIR EPOXY UNDERWATER is non-toxic and non-flammable.



QUALITY & DURABILITY ASSURANCE

Our stringent Quality Assurance Procedure for every batch of products manufactured. Our R&D Laboratory based in our production facility ensures that scientific Quality Control Parameters are measured for quality.

Our Quality Control Parameters ensure the stability of our products, ensuring the long-term durability amid exposure to various element and weather conditions.

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