



ULTRAPOXY CREP

ألترابوكسي سي ريب

Epoxy-Cement, Two-parts, Semi-Fluid, Repair and Bonding mortar

UltraPoxo CRep Technical Specifications:

- Density : 1.6 gm/cc.
- Solid Content: 100 %.
- Pot Life: 40 min @ 30° C.
- Touch Dry Time: 6 Hours @ 30 ° C.
- Load Time: 24 hours.
- Compressive Strength: 80 N/mm².
- Flexural Strength: 15 N/mm².
- Tensile Strength: 11 N/mm².
- Bond Strength: 4 N/mm².
- Abrasion Resistance: 45 mg/1000 cycles.
- Initial Hardness: 24 hours.
- Full Cure: 7 days.
- Shore D Hardness: 80.

Application and Rates

- High workability (Semi-Fluid) to ensure maximum filling and repairing ability
- **UltraPoxo CRep** supplied in two-packs plastic packs Base (A) ,and hardener (B) weighing 5 Kg producing 3.2 litres.
- Applied easily by pouring into voids and touching with suitable trowel.

Product Handling and Storage

- Store all material in a cool, covered dry place. Do not expose the pails to direct sunlight and keep away from all sources of heat. In tropical climatic conditions, the product has to be stored in an air- conditioned environment and protected from high humidity.
- The shelf life of the product is 24 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.



UltraPoxo CRep, the features:

- High performance epoxy-cement structural repair, semi-fluid for ease of application, It provides high compressive strength, impact and chemical resistance.
- It is a durable. since it resists the various moderate chemicals and severe conditions.
- It is easy to mix, pour and fill and level all voids in various types of concrete floors.
- It is available in a convenient pack size to achieve high production rate and minimum loss of materials.
- It is a solvent free material so it is 100% solids with same level of floor after complete curing of the repaired patches or areas.

Application Procedure:

Surface preparation: Proper care should be taken while executing it. The surface should be dry, free of any cement laitance, oil and grease, curing compound and any other contaminants, which may affect the bonding. Light mechanical scabbling, grit/captive blasting, air jetting, or grinding is recommended for cleaning the surface of such contaminants. New concrete surfaces should be 28 days old and the moisture content on the surface must be less than 5%. Refurbishment of existing or old floors must be done



Applications

- **Bonding of all concrete elements.**
- **Filling concrete floor voids in industrial areas and factories.**
- **Filling of tight areas under machines base plates to get maximum load bearing.**
- **Repair of epoxy self level floors and screed mortar floors.**
- **Repair of dry shaken concrete floors in cases of dry shake application removed from the concrete surface.**
- **UltraPoxxy CRep used to repair horizontal industrial floor areas.**

Health and Safety

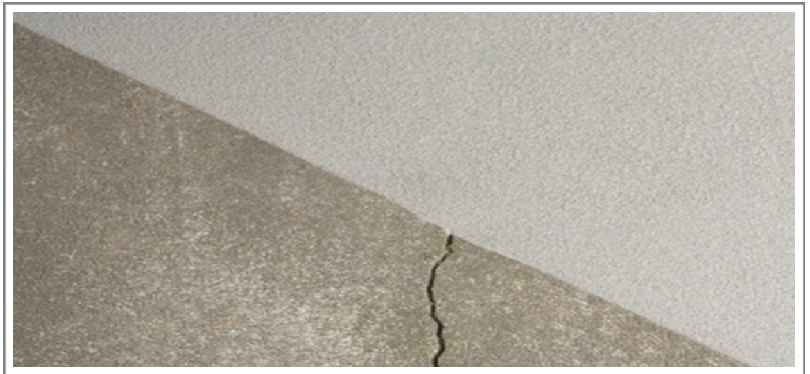
As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

with a suitable repair mortar, in order to ensure that the bond between the old substrate and the new flooring system is very good.

Priming: on most new concrete surfaces priming may not be required. However for best adhesion, prime the prepared surface with **UltraPoxxy Primer** @ 4-5m²/lt. The mortar is applied when the primer is in a tacky to semi-tacky condition.

Mixing Mix part A (resin) separately for 1 minute using a slow speed drill fitted with a paddle. Then add Part B into Part A and mix thoroughly for 2 – 3 minutes to achieve uniform consistency semi-fluid mortar.

For thicker consistency 0.5 to 1 Kg. Cement may be added to the mixed product to achieve putty knife consistency product. Apply immediately after mixing.



Application **UltraPoxxy CRep** has to be poured to the floor voids, pour continuously until fill the void or gap with excess material, then remove the excess materials with towel or putty knife.

Cleaning Clean all tools & equipments with suitable solvent immediately after use. Hardened materials can be removed mechanically only.



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