



**Green Build
Egypt**
Experience and Innovation

ULTRPOXY LV-CC

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Low Viscosity, High Clear for Casting, 100% Epoxy without Solvents

UltraPoxy LV-CC Specifications:

- Density : 1.1 gm/cc.
- Solid Content by Weight: 100 %.
- Solid Content by Volume: 100 %.
- Touch Dry Time: 6 Hours @ 20 ° C.
- Total Dry Time: 24 hours.
- Compressive Strength: 80 N/mm².
- Pot Life: 50 min @ 20° C
- Bond Strength: 4 N/mm².
- Initial Hardness: 24 hours.
- Full Cure: 7 days.
- Shore D Hardness: 80.

Application and Rates

- Low Viscosity (easily poured and penetrative) to ensure maximum filling ability.
- **UltraPoxy LV-CC** supplied in two-packs plastic packs Base (A) ,and hardener (B) weighing 1, 5 or 10 Kg
- Applied easily by pouring into forms and air is easily removed by traditional techniques.

Product Handling and Storage

- Store **UltraPoxy LV-CC** 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.



UltraPoxy LV-CC, the features:

- High performance, low viscosity, 100 epoxy without any solvents specially designed and manufactured for the casting and decorative professions.
- Very strong material after complete curing (7 days).
- Very clear (Crystal-Clear) finish for high fashioned decorative items, Tables, and Jewellery manufacturing.
- It is easy to mix, pour and fill the forms prepared for the casting.
- 100 % solids, so it is non-shrink materials, which adheres with no loss of bond.
- Could be coloured easily with special types of colorants, (Please refer to our technical team)



Applications

- **Making wood tables decorated with special effects.**
- **Manufacturing of decorative shapes and statues for desks .**
- **Manufacturing of Jewelleries and necklaces and rings.**
- **Vases and Tea coasters and many other items.**

Health and Safety

As with all resin chemical products, normal caution should always be exercised. Protective 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.

Application Procedure:

Mixing Add Part B into Part A and mix thoroughly for 2 – 3 minutes to achieve uniform consistency low viscosity liquid. Apply immediately after mixing.

-Air Removing: Weight minutes until air bubbles floating on surface, and remove air with hot gun, or use our Innovative "Vacuum Machine" for removing air fast and effective. (Call us for the details of the Vacuum machine)

Application

Pouring:

Pour out the prepared product into the clean form or table prepared for casting gently, use the product in layers to ensure the proper required finishing the decorative items.

You can get help from our well trained team about the techniques of pouring and how you can get the best finish of your products, free of air or any bad look.

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



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