



ULTRAPOXY 1001

ألترابوكسي ١٠٠١

High Penetrative, Epoxy-Based, Primer for various applications

UltraPoxy 1001 Specifications:

- **Appearance:** Clear liquid.
- **Density :** 1.00 gm/cc.
- **Solid Content:** 50 %.
- **Touch Dry Time:** 2 Hours @ 30 ° C.
- **OverCot Time:** 6 hours.
- **Pot Life:** 6 hours @ 20° C
- **Bond Strength:** 3 N/mm².
- **Initial Hardness:** 24 hours.
- **Full Cure:** 7 days.
- **Coverage:** 6-8 m²/ Kg.
- **Mixing Ratio A:B:** 77:23 %.

Application and Rates

- **Low Viscosity** (easily mixed and penetrative) to ensure maximum bonding to different substrates.
- **UltraPoxy 1001** supplied in two-packs plastic packs Base (A) ,and hardener (B) weighing 3, or 20 Kg producing almost 3, or 20 litres.
- **Applied easily by brush or roller or sprayed by mechanical machines.**

Product Handling and Storage

- Store **UltraPoxy 1001** in a 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 1001 ; the features:

- High performance, High penetrative, epoxy primer specially designed as an epoxy primer before application of excessive epoxy coatings.
- It provides excellent bond to concrete, brick, masonry, and even metals.
- It is easy to mix, apply and adheres very well to the surfaces since it is a low viscous material.
- could be applied as a protective coating for concrete, wood, and different building materials.



Applications

- **Primer for epoxy flooring applications such as coating, screeding, or self leveling**
- **Primer for metal epoxy covering in case of weak or slightly rusted metal to ensure the bonding between the Epoxy finish coat and the metal surface .**
- **Could be used as protective coating for Stamped and stenciled concrete.**
- **Used before applications of PolyUrea and Polyurethane protection coatings.**

Health and Safety

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

Application Procedure:

Surface preparation:

The surface must be stable and free of separating substances. for this purpose the surface may be prepared by suitable mechanical process such as sandblasting, milling, or air jetting.

New concrete surfaces should be 28 days old and the moisture content on the surface must not be more than

5 %. Refurbishment of existing or old floors must be

done with a suitable repair mortar, in order to ensure that the bond between the old substrate and the new

flooring system is very good.

Mixing Add Part B into Part A and mix thoroughly for 1 – 2 minutes to achieve uniform consistency low viscosity liquid. Apply immediately after mixing.

Application

Primer Coating Application:

Use appropriate brush roller or spray machine to apply a uniform clear layer for concrete, wood and different building materials.

Stamped and stenciled concrete:

Apply after complete dry of stamped or stenciled concrete application, (At least 15 Days after casting and finishing the application of stamps.), ensure uniform layer of **UltraPoxy 1001** to obtain the same protection and gloss over the whole stamped concrete surface.

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



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