



**Green Build
Egypt**
Experience and Innovation

ULTRAPOXY SL

الترابوكسي إس إل

Self Level, Epoxy Resin Based covering for Wood and Floors, Fungal and Bacteria Resistant

* Technical Specifications

- Density : 1.6 gm/cc.
- Solid Content: 100 %.
- Pot Life: 30 min @ 30° C.
- Touch Dry Time: 6 Hours.
- Second Coat: 24 hours.
- Compressive Strength: 80 N/mm².
- Flexural Strength: 15 N/mm².
- Tensile Strength: 10 N/mm².
- Bond Strength: 4.5 N/mm².
- Abrasion Resistance: 50 mg/ 1000cycles.
- Initial Hardness: 24 hours.
- Full Cure: 7 days.
- Shore D Hardness: 85.
- Fungal Resistance ASTM C1338: Pass

* Application and Rates

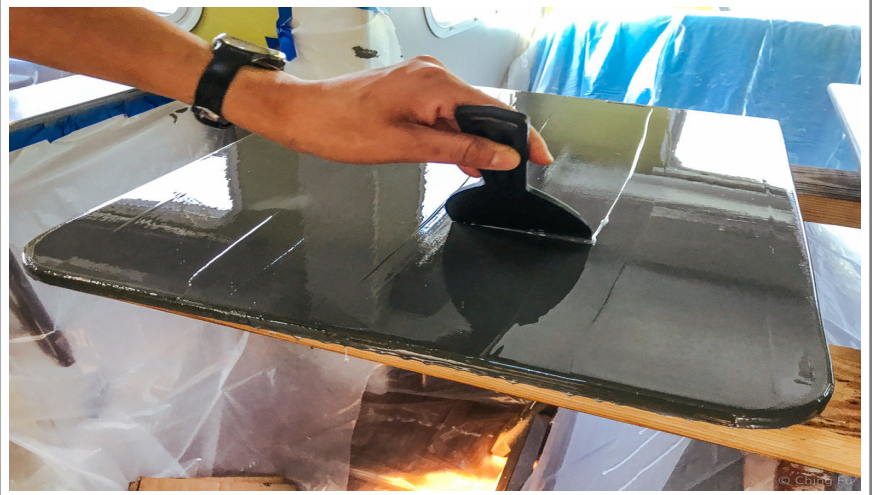
- High application rate; 1.6 Kg./ m² for every mm thickness according to the roughness and nature of surface.

- **UltraPoxyl SL** supplied in three-packs system (Base+ Hardener + Filler) weighing 20 Kg.

- Applied by pouring then rolled by spike roller.

* 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.



UltraPoxyl SL, Features:

- High performance epoxy self level compound for various types of applications, It provides high abrasion and chemical resistance seamless surface.
- It is a hygienic. since it provides an impervious and seamless surface which is easy to clean and tested as a floor covering that resist the growth of bacteria and fungi.
- It is easy to apply by pouring out the mixed mortar and spread evenly by trowels, and smoothed by spike roller.
- It is available in 12 standard colours, special colours upon request.
- Could be applied on all surfaces, and adheres very well to all surfaces, specially concrete floors.



Application Fields

- **Protection of steel floors and slabs.**
- **For laboratories and medical testing areas.**
- **For food processing areas to obtain hygienic surfaces.**
- **Applied for steel stairs and floors.**
- **could be applied on production machines and lines for protection against corrosion and chemicals attack.**
- **UltraPoxy SL is used in workshops and fabrication units and in all areas need smooth and impact resistant floors.**

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.

Application Procedure:

Surface preparation: Proper care should be taken while executing it. The surface should be dry, free of any old paint, oil and grease, and any other contaminants, which may affect the bonding between epoxy coat and the metal surface.

Light mechanical scrapping, grit/captive blasting or grinding is recommended for cleaning the surface of such contaminants.

Priming: on most surfaces priming may not be required. In case of need a primer **UltraPoxy LV** is applied as a primer

Mixing Add all part B (Hardener) over Part A (Resin) and mix for 1-2 minutes using mechanical mixing, then add part C gradually and mix well while adding until a homogenous slurry is achieved.



Application **UltraPoxy SL** has to be applied and spread evenly on the surface with poring out in the desired thickness. The applied layer should be spread and touched by spike roller to ensure evenly application and air voids free surface.

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



www.greenbuildegypt.com

info@greenbuildegypt.com

<https://www.facebook.com/GreenBuildEgypt>

Customer Service: 01050240446/ 01114544492

LandLine: 02-28607233

51 First Industrial Area Badr City, Cairo, Egypt.

