

## ULTRA UNDER WATER EPOXY – TDS

### Product Name:

Ultra Under Water Epoxy

### Product description:

Ultra UWE is an epoxy adhesive specially designed to fix tiles and repair under water/submerged condition without draining the water. The adhesive sets gaining good strength to bond the tiles in submerged condition.

Ultra UWE is a two part system comprising of PART A and PART B for ease of application and the ability to fix tile/stone adhesive is best mixed to a smooth, creamy consistency.

The cured epoxy does not permit the entry of bacteria or dirt and is easily maintained in a sterile condition

### Advantages:

- Sterile
- Fix tiles under water
- Cures and gain strength in submerged condition
- Hygienic and chemical resistant
- High strength
- Stain and bacterial resistant

### Area of usage:

- Walls and Floors
- Work Tops
- Interior and Exterior
- Dry and Wet Area
- Hygienic and sterile areas
- Chemical resistance
- Heavily trafficked floors
- Showers
- Hydrotherapy Pools and Swimming Pools.

### Mixing:

\*FILLER content may be adjusted for smooth or rough surface finish & temperature during application.

- Shake the bottle of the HARDENER stir the prior to mixing
- Add all the HARDENER to all the RESIN in a suitable, clean container and thoroughly mix together. If an electric drill mixer is used, blend on a slow speed (less than 300rpm)
- Avoid entraining air by mixing at too high speed by over mixing.
- The mixed material is immediately ready to use and has a pot life of about 60 minutes.

### Application Method:

- Surfaces to be tiled / repaired must be clean, and free from all contamination.

- Clean the area where the tiles have de-bonded remove the existing adhesive from the substrate and any loose material from the substrate.
- Apply the adhesive behind the tile and fix the tiles in the cleaned area where the tiles have de-bonded.
- Provide some support for 72 hours by placing some weight on the newly fixed tile in case of floor.
- Remove the excess adhesive from the edges of the tile immediately
- Don't disturb the tiles after fixing for at least 72 hours.

### Packing:

Part - A (4.5 kg.)

Part - B (500 gms)

### Limitations:

Bonding may not be very strong for tile on tile application. Water may get contaminated if the area of application / repair work is very large.

### Storage:

- Ultra UWE has a shelf life of 12 months when stored in normal dry conditions.

### Technical Data:

Appearance	White /Grey premixed
Mixing	Two part system
Pot life	60 mins at 25°C
Open time	>20 min
Coverage	4 to 5 sq.mtr

### Corporate office:

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