# U RESIN 519

**U RESIN 519 is a heavy duty abrasion resistant ceramic filled wearing compound, that can be used to protect new or worn components and extend their life under abrasive and erosive conditions.The incorporation of Fibre Reinforcement provides extra impact resistance.**

U RESIN 519 is a two component, 100% solids epoxy composite comprising of specially graded hardened ceramics combined with an epoxy resin base that provides extra adhesive and mechanical strength.

## PROFILE:

| | PART A | PART B | MIXED |
|---|---|---|---|
| Colour | | | YELLOW/CREAM |
| Mix Ration (by Weight) | 2 | 1 | |
| Pot Life @ 25°C (mins) | | | 30 |
| Coverage per m2 @ 10mm | | | 23kg |
| Cure Time @ 25°C (hours) | | | 6 |
| Ultimate Time @ 25°C (hours) | | | 12 |

## SURFACE PREPARATION

The surface should be free of all foreign matter such as dirt, oil, loose particles, rust and other contaminates.The substrate surface should be abraded by hand or mechanical methods of preparation such as grinding, scarifying, abrasive blasting and the like to obtain a good surface profile of 70-75 micron finish for bonding.

## MIXING AND APPLICATION INFORMATION

U RESIN 519 is a two pack 100% solids epoxy system, which has a putty consistency when mixed. This enables the mixed material to be applied up to 30mm depth on vertical application. The two components should be placed on a mixing board and mixed using a spatula or trowel until a uniform cream colour is obtained.

The mixed epoxy is now applied using a trowel or spatula. Differences in cure time will arise due to volume of material mixed, thickness of application and ambient temperatures. The cure process may be accelerated by heating components up to 40oC or allowing mixed product to stand for a short time prior to use.

## TYPICAL APPLICATIONS

Pumps, Pipes, Screens, Valves, Agitators, Clones, Reclaimers, Chutes & Bins

## FEATURES

Excellent Abrasion Resistance
Free of all Solvents
Impact Resistant
Easy to Apply
High Mechanical Strength
Rated Non DG for Transport