

# U RESIN SILCARB



U RESIN SILCARB is a two component epoxy composite comprising of graded ceramic and silicon carbide particles of extreme hardness and abrasion resistance combined with an epoxy resin base that provides extra adhesive and mechanical strength with corrosive resistance in a gloss finish.

U RESIN SILCARB has excellent adhesion and resistance to against chemical attack, corrosion and abrasive wear. It is particularly suited to handling small particle slurries and minus 3mm particulate in sliding wear.

## PROFILE:

	PART A	PART B	MIXED
Colour			GREY
Mix Ration (by Weight)	7	1	
Pot Life @ 25°C (mins)			20
Cure Time @ 25°C (hours)			6

## 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 SILCARB is a two pack 100% solids epoxy system, which has a brushable consistency when mixed. The mixed material may be applied up to 400 micron thick on vertical applications at a time.

The two components may be placed on a mixing board or by adding the Part "B" to the Part "A" container and mixed using a spatula or trowel until a uniform grey colour is obtained. The mixed epoxy is now applied using a brush or trowel.

## TYPICAL APPLICATIONS

Pumps, Pipes, Screens, Valves, Agitators, Cyclones, Blades, Shafts, Chutes & Bins

## FEATURES

- Abrasion Resistance
- Free of all Solvents
- Easy to Apply
- High Mechanical Strength
- Silicon Carbon Filled
- Gloss Finish
- Rated Non DG for Transport

The information contained herein is true and accurate, based on laboratory conditions. It is recommended that the user contact the manufacturer to confirm suitability as field conditions may vary and yield different results. Testing of this product is strongly recommended to confirm suitability for specific applications. Data should not be used for specification purposes.