

U-BOND Adhesive



U-BOND Adhesive can be used to bond a wide range of materials to themselves and other materials. Typical applications include the bonding of metals to metals, metals to concrete, granite and stone bench tops and timber joinery.

It can also be used as repair putty/gap filler in non critical applications. Bonds a wide range of materials, easy application,

U-BOND Adhesive is a two pack, 100% solids epoxy which has a paste like consistency when mixed. This enables parts to be bonded with minimum clamping. Parts to be bonded should be suitably prepared e.g. by abrading and/or solvent cleaning.

The two adhesive components should be placed on a mixing board and mixed using a spatula or trowel until a uniform colour is obtained.

The mixed adhesive is now applied to the prepared surfaces using a notched trowel or spatula. The two surfaces are now matted together with clamping if required ensuring that excess materials flows from the bond line.

The assembly is allowed to cure for at least 24 hours at 25°C.

| PROFILE | PART A | PART B | Mixed |
|--------------------------|--------|--------|---------|
| Mix Ratio (by volume) | 1 | 1 | |
| Pot life (100gr) | | | 40 mins |
| Coverage per M2 @ 1mm | | | |

TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|-------|
| Tensile Bond Strength: | 30MPa |
| Ultimate Compressive Strength: | 70MPa |
| Flexural Strength: | 15MPa |
| Tensile Strength: | 15MPa |