

## **TECHNICAL DATA SHEET**



### **TRU-GLU 801 TWO-PART POLYURETHANE ADHESIVE (Part A & Part B)**

Tru-Glu 801 is a two part, solvent free Urethane based adhesive.

Tru-Glu 801 is designed for the bonding of the following substrates: Polystyrene, Polyurethane Foam, Galvanised Iron, Wood, GRP, PVC and rubber sheeting.

The product may also be used for the adhesion of ceramic tiles to wooden floors and steel surfaces, cornices to concrete or plaster and Astroturf to decking etc.

**PHYSICAL FORM:** Tru-Glu 801 is an off white to cream viscous paste

**APPLICATION:** Surfaces should be clean and dry. Remove any oil or wax areas with degreaser. For severely oiled areas, a diamond grinder should be used. Gently, at room temperature, stir Part B first then add Part A to Part B while stirring with a paddle.

**Stir thoroughly until a uniform colour is achieved.**

The viscosity will lower and then pick up again. Apply adhesive to one surface only at a rate of +- 2-3m<sup>2</sup> per litre. Surfaces can be put together immediately within approximately 15min after mixing.

Methods of application are by roller, 2mm notched trowel or rubber rake. Curing times are a lot longer at temperatures below 10 c°. This product should not be used at temperatures below 5 c°. The product is moisture sensitive. Tru-Glu 801 generates heat when mixed in large volumes.

Excess moisture and heat will cause frothing which may impair bonding strengths.

### **PROPERTIES:**

Tru-Glu 801 offers –

- High Bond Strengths
- High Heat Resistance
- Beneficial Working Times
- Complete Water Resistance

**STORAGE STABILITY:** 6 months when stored in the original sealed containers at a temperature in the range of 10 -25°C. Protect from freezing or temperatures in excess of 35°C.

**PRODUCT SAFETY:** Non-Combustible. Wear gloves, goggles and protective clothing. Should the product be splashed in the eyes, rinse with large amounts of water, for prolonged symptoms contact a Physician

KEY DATA	PART B	PART A
Viscosity @ 25 °c	Approx 12 000 cPs	
Solids Content	Approx 100%	
Density	1.64 – 1.70 g/cm <sup>3</sup>	1.22 g/cm <sup>3</sup>
Drying Temperature	20 – 25 °c	
Curing Time	Full Cure @ 25°C : 7 Days 24 hr cure @ 25°C : Sheer strength greater than 80kp/cm <sup>3</sup>	
Setting / Gel Time	Approx 15 Min	
Flammability Status	Non-Flammable	Non-Flammable
Coverage	2-3 m <sup>2</sup> per Litre	
Temperature Limit	-40 °c	
Mixing Ratio	5 Parts B to 1 Part A	