



Sole UK Distributors Of  
**REINHARDT-TECHNIK**  
Metering, Mixing &  
Dispensing Systems



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## Technical Data Sheet **PENLOC 1:1RVT**

**PENLOC 1:1 RVT** is a fast curing high strength, toughened acrylic adhesive, which will bond metals, plastics, wood, glass and composites to themselves or in any combination.

**Penloc 1:1 RVT** is thixotropic and will not run when applied to a vertical surface. It has excellent gap fill and resists soak-in on porous substrates. It is low odour and non-flammable.

### **TECHNICAL DATA**

Colour :Blue  
Resin :Methacrylate

### **UNCURED PROPERTIES**

Viscosity :Thixotropic flowable paste  
Flash point :>80 °C  
Pot-Life :3 min.

### **CURING**

Handling Strength :5 minutes  
Full Strength :4 hours

### **SHEAR STRENGTH**

Steel :20 N/mm<sup>2</sup>  
Messing :20 N/mm<sup>2</sup>  
Aluminium :18.1 N/mm<sup>2</sup>  
PVC :2.6 N/mm<sup>2</sup>  
PA :6.2 N/mm<sup>2</sup>

### **CURED PROPERTIES**

Temperature resistance :-20 to 120 °C  
Hardness Shore D :65 to 75  
Shrinkage :7.6%

11/09/2001

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