



UK DISTRIBUTORS OF  
**REINHARDT-TECHNIK**  
Metering & Mixing  
Dispensing Systems



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## Technical Data Sheet

### **PENLOC 1:1R - Low-odour and Non-flammable Toughened Acrylic Adhesive**

**PENLOC 1:1R** 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 R** is a medium viscosity and can be used bead on bead direct from the cartridge without the need of an additional mixer. This unique property allows stop-start usage without wastage or mixer blockage.

### TECHNICAL DATA

Colour: Blue  
Resin: Methacrylate

### UNCURED PROPERTIES

Viscosity (Brookfield LVT): 4000 mPa\*s  
Flash point : >80 °C  
Pot-Life: 3 min.

### CURING

Handling Strength: 3 -5 minutes  
Full Strength: 1 hour

### SHEAR STRENGTH

Steel: 20 N/mm  
Brass: 20 N/mm  
Aluminium: 18.1 N/mm  
PVC: 2.6 N/mm  
PA: 6.2 N/mm

### CURED PROPERTIES

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

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