



Sole 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 : 4 hours

SHEAR STRENGTH

Steel : 20 N/mm²
Messing : 20 N/mm²
Aluminium : 18.1 N/mm²
PVC : 2.6 N/mm²
PA : 6.2 N/mm²

CURED PROPERTIES

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

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No liability is accepted for any injury, loss or damage arising directly from the use of the Company's products or from the use of information given in our publications, which is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

