Resintech Limited
Unit 1-2, Horcott Industrial Estate
Fairford, Gloucestershire, GL7 4BX, UK
www.resintech.co.uk
info@resintech.co.uk
+44 (0)1285755 712755

Technical Data Sheet

RT110BK

Fast Curing Epoxy Adhesive

Description

RT110 is an easy spreading, fast curing epoxy adhesive, which bonds well to a wide range of materials.

Benefits

- Sets in minutes at room temperature
- Will bond metals, glass, wood, rubbers and many plastics
- Excellent general purpose adhesive
- Suitable for small volume potting of components
- Supplied in DuoSyringe for easy application
- Standard size is 50g, with associated mixing nozzles and dispenser guns

Typical Properties

Curing

* Work Life at 23°C (4g):	3 – 5 minutes
Time to Handling 23°C (4g):	15 minutes
Cure Time at 23°C (4g):	2 hours
Peak Exotherm at 23°C (4g):	65°C (more details on page 2)

Typical properties *(Cured for 24 hours at ambient temperature measurements taken at ambient temperature)*

Lap Shear (300mm^2 Al / Al):	5 kN / 16.67 MPa / 2417 Psi (minimum)
Lap Shear (300mm^2 Al / Al):	>5.5 kN / >18.34 MPa / >2659 Psi (typical)
Hardness:	>65 D (>75 D after 7 days)

Colour

Milky white or black

Storage and Shelf Life

Store under normal conditions of 15°C to 30°C in the original, unopened packaging, out of direct sunlight. Use within one year from the date of manufacture.

Related Products

- RT111 fast curing structural epoxy adhesive
- RT112 non-sag, fast curing epoxy sealant
- RT125 flexible, high performance epoxy adhesive
- TriPatch wraparound epoxy repair system

Resintech Limited warrants that the typical properties where stated are to be considered as representative of the named product and should not be treated as specifications. * denotes test on batch acceptance basis. While the information presented is believed to be true and reliable different batches, conditions and applications yield differing results. As a result, the customer is solely responsible for evaluating the product and determining its suitability for their intended use. Resintech Limited cannot accept any responsibility for loss or damage that may result from improper application.

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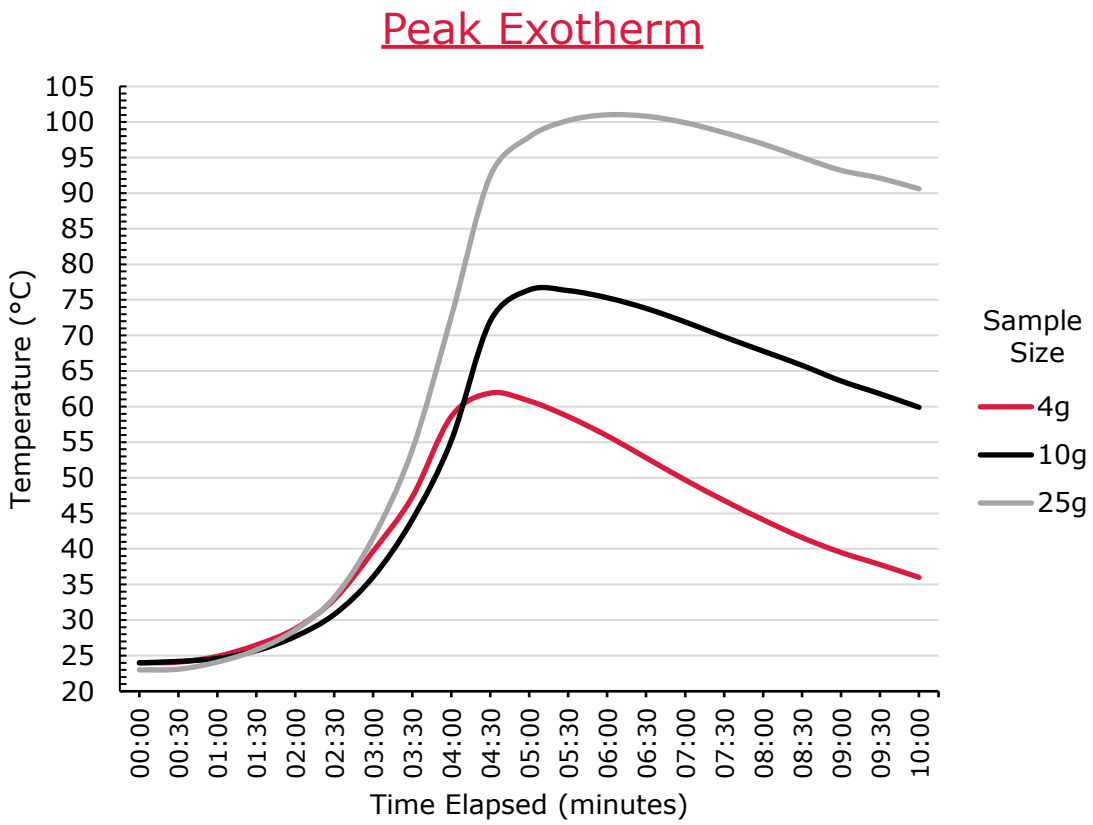
RT110BK

Fast Setting Epoxy Adhesive



Samples dispensed from a 50ml syringe using a DH001 manual applicator and mixed with a DN012 nozzle. Samples at ambient temperature before mixing.

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