



Technical Data Sheet

RS 561-182 Epoxy Putty Blue Resin Strip

RS Epoxy Putty Blue Resin Strip is conveniently supplied in 4 x 15 cm strips to provide an easy to mix and apply repair filler adhesive. It is suitable to use on most metals and hard plastics, wood, ceramics, fibreglass, concrete, masonry and plaster. The blue resin encapsulates a core of white hardener which, when kneaded to a uniform off white colour, is sufficiently cured after 1 hour to form a tenacious bond that can be machined in the finishing process of a repair operation. Workability after kneading is 3 minutes and full cure is reached after 24 hours at 20 °C.

Preparation:

Surfaces must be clean, degreased and free from all loose and flaky material.

Remove paint and abrade smooth surfaces to provide a bonding key.

Isopropyl Alcohol (IPA) provides an effective quick drying degreasant, particularly in clean environments and is available from RS in various forms, from wipes to aerosols. Please search under IPA on the RS website.

Application:

For filling applications, ensure the putty is fully and well pressed into the cavity. Trim excess using a sharp blade and smooth by gently hand rubbing with water whilst still workable.

For bonding, thoroughly press a thin layer into each surface and compress together using clamps to rigidly hold in place till full cure has been achieved. Trim excess as above.

Health & Safety:

Contains epoxy resins which may cause skin irritation. Wear suitable protect clothing.

Please refer to Material Safety Data Sheet (MSDS). Most up to date versions are retained on the RS website: www.rs-components.com.

Shelf Life:

2 years from date of despatch from RS if stored unopened in original packaging in a cool, dry, well ventilated area, avoiding direct sunlight. Do not store below 5°C.

Typical Properties:

Mixing:	Knead to consistent colour
Workability:	3 minutes at 20°C
Initial Set:	5 minutes at 20°C
Handling Time:	1 hour at 20°C
Full cure	24 hours at 20°C
Shore D Hardness:	70
Temperature range:	-20°C to +120°C Continuous, +150°C Intermittent