

# Technical Data Sheet



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## Pattex Repair Express Epoxy Putty

### PRODUCT DESCRIPTION

PATTEX Repair Express Epoxy Putty is a 2-component-epoxy putty curing very fast. PATTEX Repair Express Epoxy Putty gives you a quick and strong bond. It mends, rebuilds and bonds various materials. You can also paint over it, sand it, drill it or add a finish. Perfect for indoor and outdoor jobs.

### CHARACTERISTICS

- Epoxy Putty
- Two component, co-extruded with 1:1 mix ratio
- Solvent-free
- Cured material can be machined (sanded, drilled) and painted

### APPLICATION FIELD

Filling, repairing and bonding most materials such as metals, woods, ceramic, stone, most plastics (except PP, PE, Teflon® and equivalent)

### INSTRUCTIONS FOR USE

#### Surface Preparation

Surfaces to be bonded must be dry and dust and oil free. For best results surfaces should be roughened prior to bonding.

#### Application

Remove the plastic foil and knead the 2 parts together until a homogenous color is achieved (approximately 1 minute). Protective gloves are required (latex or vinyl). Filling or re-building – apply the putty to the crack or hole and shape/smooth with hands. Bonding – apply the putty to one substrate and complete the bond. Within 3 minutes of achieving a homogeneous mix, the putty will begin to harden.

## **TECHNICAL DATA**

<u>Composition</u>	Epoxy Resin & hardener system in putty format
<u>Density (Part A, B)</u>	2g/ml, 2g/ml
<u>Heat resistance</u>	-30°C to 120°C (Max 70°C for load bearing bonds)
<u>Open time</u>	3 minutes
<u>Colour</u>	Blue & White (bluish white on curing)
<u>Cure time</u>	15 minutes to handling & mechanizing strength. Full strength after 24 hours
<u>Final strength (EN 1465, RTC)</u>	Up to 10 N/mm <sup>2</sup> (substrate dependent)
<u>Shelf Life (@20°C)</u>	2 years, unopened, from date of production

## **LIMITATIONS**

Epoxy adhesive is not suitable for use on soft plastics such as PE, PP or Teflon®.

### **Cleaning tools**

Once hardened the resin can be removed mechanically (sanding, scraping etc..). Uncured material can be removed with ethanol or other alcohol solvent cleaner.

### **Storage**

Product should be stored at room temperature (10°C – 30°C). For maximum shelf-life, please store at lower end of temperature range.

## **HEALTH AND SAFETY**

Before using the product please see related Material Safety Data Sheet that is available on request.

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