

# Technical Data Sheet

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## Pattex Power Epoxy Clear Syringe format (6ml & 25ml)

### Description:

**Pattex Power Epoxy** is a fast setting, gap filling, two-part adhesive which produces rigid bonds with high bond strengths. The glue line is resistant to water, fuels, grease and dilute acids and alkali.

### Application:

**Pattex Power Epoxy** can be used to bond the following:

- wood
- glass
- ceramics
- metals

The bond formed can be cut, sanded or planed when fully cured.

### Technical data:

|                         |  |
|-------------------------|--|
| mixing ratio:           | 1:1 by volume  |
| pot life:               | 5 – 7 minutes  |
| curing time:            | 2 hours @ 25°C   |
| final cure:             | 24 hours   |
| temperature resistance: | -20 - 120 °C, depending on duration of exposure to heat and stress |
| shear strength:         | 10 – 13 n/mm <sup>2</sup> (steel / steel)                          |

### Directions for use:

- For optimum results, use the adhesive between 15°C and 30°C. The cure rate is retarded by low temperatures and accelerated at higher temperatures.
- The surface to be filled must be clean, free of dust and grease.
- Mix equal volumes of resin and hardener thoroughly.
- Apply a thin film of mixed adhesive to both surfaces. Join the two parts immediately and clamp in place. The assembly can be handled after 10 minutes.
- Remove excess adhesive with a sharp blade or knife.
- Take care to replace the caps onto the correct tubes.



**Clean up:**

Spillages can be cleaned with acetone or Tangit Cleaner before the adhesive has cured. Care must be taken when using these solvents as they are flammable and may cause damage to certain surfaces.

**Storage:**

Store in a cool, dry place.

**Shelf life:**

3 years in unopened container, if stored correctly.

**Pack sizes available:**

- 6ml
- 25ml

**Health and Safety data:**

Wash hands with warm soapy water after working with **Pattex Power Epoxy**

Wear gloves in cases of prolonged exposure to this adhesive.

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

The information provided herein, especially recommendations for the use and application of our products, is based upon our current knowledge and experience. Due to different possible applications as well as varying application and working conditions, which are beyond our control, we strongly recommend carrying out sufficient extensive prior trials to confirm the suitability of our products for the relevant production processes, as well as the intended applications and results. Any liability in respect of the information in this Technical Data Sheet or any oral recommendations is excluded, except in the event of harm to life, physical injury or harm to health or if we are liable-for gross negligence or willful misconduct or according to applicable mandatory product liability law.

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