

### **TECHNICAL DATASHEET**

Code	Description	Size	Colour
01324	Gorilla Epoxy 4 Minute Part A	3ml	Translucent paste
01324	Gorilla Epoxy 4 Minute Part B	3ml	Slightly yellow liquid

# 1. Description

Gorilla Epoxy Resin Adhesive is a fast setting, non-shrinking, clear colour epoxy adhesive. With high mechanical strength, excellent resistance to most chemicals and reliable heat resistance, it is perfect for any project requiring a 4 minute set time.

### 2. Characteristics

- · Sets in 4 minutes
- · Dries clear

## 3. Technical Data

Appearance:	Part A - Translucent Paster Part B – Slightly yellow liquid	
Viscosity @ 25°C	Resin 6000-10,000 cps Hardener 10,000-17,000 cps	
Mixing ratio:	1:1	
Set Time:	4 minutes at room temperature	
Tensile Lap Shear Strength: ASTM D1002 (N/mm²) Hardness: ASTM D2240 (Shore-D)	Minimum 12 Minimum 75	
Full Cure:	24 hours at room temperature	

# 4. Applications

- · Ceramics
- · Glassware
- · Metal
- · Bricks
- · Wood (not recommended for soft wood)
- · Most plastics
- · Fibreglass and tool repairs

#### 5. Packaging

Part A – 3ml Part B – 3ml

## 6. Shelf Life

12 months

# 7. Application Instructions

## How to bond:

- 1. Point tube away from face and body. To open, break end off. Dispense equal amounts of resin and hardener. Mix thoroughly (for at least 2 minutes) until colour is uniform. Use clean cardboard as a mixing surface (do not use metal).
- 2. Apply to both surfaces to be bonded and hold together with clamp, tape or weights. Excess glue should be removed at once. Replace cap for storage. Low heat will accelerate hardening.
- 3. Product sets in 4 minutes and can be handled in approximately 2 hours. Full cure in 24 hours at room temperature.

Note: For cooler temperatures, setting time may be longer.

4. Temperature use range:  $-5^{\circ}\text{C} - 80^{\circ}\text{C}$ .

#### Remarks:

This product is not recommended for use on porous materials such as soft wood, paper, material or leather nor should it be used on polyethylene or teflon. Also not recommended for drinking water applications.

## 8. Health and Safety Recommendation

- · Apply the usual industrial hygiene.
- · Wear gloves and safety goggles.

#### Remark

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Gorilla Epoxy 4 Minute Cure