



# EPOXY QUICK SET 4ML

## TRANSPARENT FAST DUAL-COMPONENT EPOXY ADHESIVE



### PRODUCT DESCRIPTION

Transparent fast dual-component epoxy adhesive

### FIELD OF APPLICATION

Suitable for fast, strong and invisible repair of many materials, such as pottery, porcelain, glass, leather, wood, stone, concrete, marble, thermosets, metal, ceramic, glass fiber reinforced plastics, rigid PVC, rubber and polystyrene ®. Both with themselves and in combination.

Not suitable for Polyethylene (PE), polypropylene (PP), PTFE and silicone rubber. Not suitable for bonding on large glass surfaces.

### PROPERTIES

- Fast
- Transparent
- Super-strong
- Universal, suitable for many materials
- Resistant to temperatures between -40°C and +100°C
- Filling
- Water resistant
- Chemical resistant
- Paintable

### PREPARATION

**Working Conditions:** Recommended application at temperatures between +10°C and +35°C. Product cures by mixing the resin and hardener.

**Personal safety:** Preferably wear gloves.

**Surface Requirements:** The surface must be dry, clean and free of dust and grease.

**Preliminary Surface Treatment:** Degrease parts to be bonded with denatured alcohol. Roughen smooth surfaces (sandpaper).

**Tools:** Clean tools immediately after use with warm water and soap.

### APPLICATION

**Coverage:** 1 ml = approx 10 cm<sup>2</sup> at a film thickness of 1 mm

#### Directions for use:

The bonding surfaces must be clean, dry and free of oil and grease. Roughen smooth surfaces. ① Kink the nozzle cap. ② Screw the enclosed mixer onto the nozzle tips. Squeeze out a little adhesive to ensure that the components are optimally mixed. ③ Place the mixer on the area to be bonded and apply to one side, or both sides in the case of rough materials. Join parts together without pressing. Processing time at room temperature approx. 5 minutes. Curing: At room temperature, handling strength is achieved after approx. 20 minutes and final strength after 12 hours. The application of heat accelerates the curing process.

**Stains/residue:** Remove wet stains immediately with warm water and soap. Cured adhesive residue can only be removed mechanically.

**Advice:** Some types of synthetics can not be joined such as polyethylene and polypropylene. Use a piece of adhesive tape in order to keep the parts in place while the adhesive is curing.

**Points of attention:** Curing time depends on the temperature. Adhesive does not cure below +5°C.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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### TECHNICAL SPECIFICATIONS

Bonding technique:	1-Sided application
Chemical base:	Epoxy resin
Chemicals resistance:	Water, oil, grease, solvents, diluted acids and alkalis
Colour:	Transparent
Colour after curing/drying:	Transparent
Consistency:	Liquid
Density approx.:	1,16 g/cm <sup>3</sup>
Filling capacity:	Very good
Final bond strength (Alu):	17 N/mm <sup>2</sup>
Final bond strength after:	12 hours
Handling time:	20 minutes
Minimum application temperature:	5 °C
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Moisture resistance:	Good
Mixture ratio:	1:1
Paintability:	Yes
Potlife:	5 minutes
Solvent free:	Yes
UV resistance:	Good
Viscosity:	Medium viscosity
Viscosity approx.:	20000 mPa·s
Water resistance:	Good
Water soluble:	No

### STORAGE CONDITIONS

Store in tightly closed packaging in a dry, cool and frost-free place.

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