

Epoxy-Adhesive

Description

High-strength 2-component universal adhesive that cures rapidly at room temperature. Operating temperature range up to 80 °C. Ideal for bonding or repairing metal, wood, concrete, glass, fabric, ceramic, plastic and rubber to themselves and to each other. Also for sealing electronic parts and components.

Properties

- rapid curing
- outstanding electric strength
- high strength
- high chemical resistance
- hardly any loss of material
- easy to use

Technical data

Base	Epoxy Bisphenol A (A), Amingemisch (B) / epoxy bisphenol A (A), amine mixture (B)
Color / appearance	gelblich / yellowish
Density at 20 °C	1,1 g/ml
Mixing ratio	1:1
Processing time	5 min
Storage stability	18 months
Initial strength	10-12 min
Ready for use at 20 °C	20-30 min
Final curing at 25 °C	24 h
Operating temperature range	-40°C bis +80 °C / -40°C to +80°C
Gap filling capability	bis zu 3 / up to 3 mm
Shore D hardness	60
Combined tension and shear resistance	>10 N/mm ²
Modulus of elasticity	90.000 - 125.000 psi
Recommended storage temperature	10 - 23 °C
Shelf life in original sealed container	18 months

Areas of application

Ideally suited for repairs, for bonding and insulation in car and vehicle construction, as well as for hobbies and in the household and garden. Bonds e.g. metals, wood, concrete, glass, ceramics, plastic and rubber to themselves and to each other. Also suitable for sealing electronic parts and components. Replacement mixer (mixer tip with thread, part no. 6029).



Application

Clean and degrease bonding surfaces with LIQUI MOLY Cleaner and Thinner (part no. 6130). Remove the cap or the used and cured mixer immediately before use and fit a new mixer to the cartridge. Apply the adhesive directly to the bonding surfaces. Then join parts and allow to rest. Processing time 5 minutes, ready for use after 20–30 minutes at room temperature. Leave the mixer on the cartridge after use. Store in a cool, dry place. **Note:** The adhesive strength is increased by roughening the bonding surface on smooth surfaces.

Available pack sizes

25 ml Blister	6183
	D-GB-F-I-E-NL-P

Our information is based on thorough research and may be considered reliable, although not legally binding.