

## Liquimate 2-Component Power Adhesive

### Description

High-strength, fast-curing 2-component methyl acrylate adhesive. For permanent high-performance bonding of various materials such as steel, aluminum, metals, heat-formable plastics, composite materials ABS, acrylics, PVC, GFRP, PC, PET, PU, etc. to themselves and to each other. Extremely impact and peel resistant and can be processed as required. Stable in the presence of gasoline, oil, mild acids and alkalis.

### Properties

- outstanding shear resistance
- cures at room temperature
- resistant to water-based acids
- excellent resistance to weathering
- good water resistance
- resistant to gasoline and oil
- excellent peel strength and impact resistance

### Technical data

Base	Methyl Methacrylat / methyl methacrylate
Color / appearance	milchig / opaque
Density at 20 °C	0,97 (A) / 0,95 (B) g/cm <sup>3</sup>
Viscosity at 20 °C	130.000 bis/to 150.000 (A) / 150.000 bis/to 200.000 (B) mPas
Flash point	11 °C
Mixing ratio	1:1
Processing time	5-7 min
Fixing time	10-12 min
Storage stability	12 months
Thermal stability	-55°C bis +120°C / -55°C to +120°C
Elongation at break	2,4 %
Initial strength	1 h
Shrinkage	5 %
Shore D hardness	75
Gap filling capability	1-10 mm
Shelf life in original sealed container	12 months
Recommended storage temperature	< 20 °C



### Areas of application

Universal adhesive for body and vehicle manufacture (e.g. bumper, radiator, lights, handles, console parts, spoiler, phone and speaker attachment). Replacement mixer (Mixer tip with thread, part no. 6029).

### Application

For the best possible adhesion result, clean and degrease surfaces with LIQUI MOLY Cleaner and Thinner (part no. 6130). Some surfaces must be roughened. Press the adhesive out of the double syringe and mix both components well with an applicator (automatic mixing when using the mixer nozzle). Apply the adhesive and join the parts (max. processing time 5-7 minutes). Firm to the touch after about 1 hour. Hardened through after 24 hours. Curing time depends on room temperature. Do not use the product below 0 °C. After use, close the container again with the cap. Store in a cool, dry place.

### Comment

**Important: To clean, use only LIQUI MOLY Cleaner and Thinner (part no. 6130). Do not use cellulose lacquer thinners or alcohol!**

### Available pack sizes

25 ml Blister	6179
	D-GB-F-I-E-P

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