

### Description

**Intended use:** Moisture-curing, extremely fast drying one-component polyurethane windscreen adhesive to glue windscreens to the chassis in the car industry. Especially developed to ensure the safe bonding of windscreens on cars having an airbag and reduces the waiting time. MP 1K PU-Scheibenkleber is perfectly suitable for glazing cars where high resistance to shear stress and non-conductive properties are requested. Solvent-free and therefore odourless. It guarantees high torsional strength, very low volume resistivity and good high-frequency properties. That's why it is ideal for bonding windscreens with integral antennae or with additional electrical components.

- Characteristics :**
- single-component polyurethane
  - fast application and drying
  - odourless curing (curing by air humidity)
  - suitable for cold and hot application
  - high torsional strength, reduces vibrations and noise development
  - highly resistant to vibrational stress
  - non-conductive
  - suitable for cars with integral antennae
  - prevents contact corrosion on aluminium vehicles

**Colour :** black

**Specifications :**

specific weight:	approx. 1,36 g/cm <sup>3</sup>
consistency:	paste-like
curing:	approx. 4 mm / 24 h (23° C/ 50 % rel. humidity)
shore A hardness:	60 (23° C/ 50 % rel. humidity)
elongation at break::	≥ 300 % <b>DIN 53 504</b>
tensile strength:	≥ 9 N/mm <sup>2</sup> <b>DIN 53 504</b>
elastic modulus at 10 %:	≥ 2,0 N/mm <sup>2</sup>
drying mode:	moisture-curing
tack-free:	after approx. 15 min. (23° C/ 50 % rel. humidity.)
electric conductivity:	1 x 10 <sup>9</sup> cm
application temperature:	+5 °C up to +40 °C
heat resistance:	-40 °C up to + 100 °C; short-term up to 140 °C

**Storage :** 12 months in unopened original package if stored in cool and dry stores

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**Application**

**Substrate pre-treatment:** The substrate must be dry, clean and free from rust, dust, grease, oil and other contaminations.

**Application mode :** with manual cartridge gun or air pressure gun

**Notes**

It is recommended to test the adhesion on a sample. Before recommissioning the vehicle (having a driver and passenger airbag) a minimum drying time of 1 hour at an ambient temperature between -5°C and +40°C is mandatory.

**Safety advices**

See safety data sheet!

**Cleaning of tools**

Not cured material can be easily removed with Mipa 2K-Verdünnung. Cured material can be removed only mechanically.

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