

## TECHNICAL DATA SHEET

Revision date: 30.04.2024

# POLYURETHANE ADHESIVE FOR WINDSCREENS

<b>Article number:</b>	<b>37731</b>
<b>Colour:</b>	black
<b>Intended use:</b>	Car refinishing product/Polyurethane sealant
<b>General characteristics:</b>	<p>Polyurethane adhesive for windscreens is one-component moisture curing polyurethane sealant. It has excellent bonding and sealing performance.</p> <ul style="list-style-type: none"> <li>▪ non-corrosive to substrates</li> <li>▪ bubble free curing</li> <li>▪ good viscosity</li> <li>▪ excellent adhesion on glass and metal surface</li> <li>▪ perfect shear and tensile strength</li> <li>▪ safe drive-away time 2h</li> </ul> <p><b>Fields of application:</b> bonding and sealing of fixed glass and body parts in automotive, trucks, buses, aeronautical and marine industry, railway industry, farm and construction. Suitable for vibration reduction and sound deadening measures in crash body repair and car body construction.</p>

## TECHNICAL CHARACTERISTICS

<b>Chemical base:</b>	polyurethane
<b>Curing mechanism:</b>	moisture curing
<b>Specific gravity (DIN 53479):</b>	1.37 ± 0.03 g/cm <sup>3</sup>
<b>Tack free time (25°C, 50% h.r.):</b>	approx. 40 min
<b>Cure rate (25°C, 50% h.r.):</b>	3.5 mm/24 h
<b>Elongation at break (ISO 37):</b>	≥ 400 %
<b>Hardness shore A (ISO 868):</b>	60±5

<b>Tensile strength (ISO 37):</b>	≥ 5.2 Mpa
<b>Application temperature:</b>	+5°C to +40°C
<b>Temperature resistance:</b>	-5°C to +80°C
<b>Density:</b>	n/a
<b>Tear propagation resistance (CQP045-1/ISO 34):</b>	15-25 N/mm
<b>Elastic modulus at 100% (DIN 52455):</b>	1.52 Mpa
<b>Chemical resistance:</b>	Resistant to: water, seawater, diluted alkalis, cement grout and water dispersed detergent. Not resistant to: alcohols, organic ac-ids, concentrated alkalis and acids, chlorinated (hydrocarbons) fuel.

**Consumption:**

<b>Joint width</b>	15 mm	20 mm	25 mm
<b>Joint length/310 ml</b>	2.6 m	2 m	1.6 m

## APPLICATION PROCESS

Before use, carefully read and observe the warning texts on the label!

**Processing conditions:**

Please only use in an adequate ventilated environment with an ample supply of fresh air. Processing temperature should be at least +5 °C and max. air humidity should not exceed 80%.

**Processing tips:**

- The application surface must be solid, clean, dry, and free of dust, oil, and grease.
- Apply a primer if necessary.
- If necessary, rub down metal surfaces before usage.
- Allow the substrate to dry after degreasing.
- Can be applied by a manual or pneumatic gun.
- Cartridge should be used in 24 hours after opening.
- Do not apply at a temperature below +5 °C.
- In cold weather, store the packages at about 20 °C before use.
- For better appearance, cover outside of joint areas with masking taps before application.
- Cut nozzle to desired size and extrude sealant to joint areas.
- Clean tools immediately after sealant application, smooth out any rough patches with soapy water and remove masking tape before sealant cures.
- Tools can be cleaned with alcohol or acetone before the sealant has completely cured. After curing, abrasion is necessary.

- **VOC regulation:**  
EU limit value: Category B/b 250 g/l  
This product contains 70 g/l

**Shelf life:**

15 months in the unopened original container at temperatures between +5°C and +25°C.  
Protect from direct sunlight, frost and moisture.

This release replaces all eventually earlier issued versions.

For additional information, not contained in this Technical Data Sheet, please contact the supplier under:

e-mail: [info@chamaeleon-produktion.de](mailto:info@chamaeleon-produktion.de)

For safety information, please refer to the corresponding Safety Data Sheet.