

TECHNICAL DATA SHEET

Revision date: 21.10.2021

POLYURETHANE CAR BODY SEALANT

Article number:	37511, 37521, 37532
Colour:	black, grey, white
Intended use:	Car refinishing product/ Polyurethane sealant
General characteristics:	Elastic adhesive for lightweight construction materials, cover plates, gaskets/coverings, acoustic ceiling tiles, floor moldings and door sills, wood, metal or plastic window and door frames.

Technical characteristics:

Basis: polyurethane
Cure mechanism: moisture curing
Specific weight: 1.30± 0,02 gr/cc
Tack free time at 23°C and 50% relative air humidity: ± 60 minutes
Curing at 23°C and 50% relative air humidity: 2,5 mm/24h
Hardness Shore A (DIN 53505): 40
Elongation at break (DIN 53504): greater than 450%
Elastic modulus at 100% (DIN 52455): ± 0.6 N/mm²
Tensile strength (DIN 53504): ± 1.6 N/mm²
Elastic recovery (DIN 52458): 85%
Admissible joint movement: 25% total movement capacity
Application temperature: +5°C to +35°C
Temperature resistance: +80°C

Processing conditions:

Please only use in an adequate ventilated environment with an ample supply of fresh air. Processing temperature should be at least +10 °C and max. air humidity should not exceed 80%.

Application process:

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

Treatment of old surfaces: clean, dry, remove oil/grease, de-rust

Mixing: ready to use

Application tool: manual or pneumatic operated gun (provided with telescopic pistol)

For adhesive purposes: apply in spots or bead on the prepared surfaces then firmly press the objects which have to be bounded together.

Air drying at 20 °C: full polymerization after 24 hours

Shouldn't be sanded

Limitations:

- May be painted. However, some coatings may crack if movement occurs, preliminary tests recommended.
- Maximum expansion and contraction should not exceed 12.5% of average joint width.
- Avoid exposure to high levels of chlorine (avoid to seal joints in chlorinated swimming pools).
- Do not cure in the presence of curing silicone sealants.
- Avoid contact with alcohol and other solvent cleaners during curing.
- Do not apply when moisture-vapor-transmission condition exists from the substrate as this can cause bubbling within the sealant.
- When applying sealant, avoid air-entrapment.
- Since system is moisture-cured, permit sufficient exposure to air.
- Bonded elements may require additional holding or support during curing period.
- Should not be used for structural glazing
- **Please use an additional 2K primer before applying a solvent-based underbody coating on PU sealant!**

Storage stability:

12 months if appropriate storage provided (=5°-25°C, relative air humidity of max. 60%) in the unopened original container. 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



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■ For safety information, please refer to the corresponding safety data sheet.