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## CHAMÄLEON Polyurethane Sealant black, grey, white, beige

37511 - 37541

### Intended use:

Polyurethane sealant for car refinish field

### General characteristics:

Elastic adhesive for lightweight construction materials, cover plates, gaskets and coverings, acoustic ceiling tiles, floor moldings and door sills, wood, metal or plastic window and door frames.

### Technical characteristics:

**Chemical basis:** Cure  
**mechanism:** Specific  
**weight:**

Polyurethane  
Moisture curing  
1.30± 0,02 gr/cc ±  
60 minutes

**Tack free time at 23°C and 50% r.h.:**

2,5 mm/24h

**Curing at 23°C and 50% r.h.:**

40

**Hardness Shore A (DIN 53505):**

greater than 450% ±

**Elongation at break (DIN 53504):**

0.6 N/mm<sup>2</sup> ± 1.6

**Elastic modulus at 100% (DIN 52455):**

N/mm<sup>2</sup> 85%

**Tensile strength (DIN 53504):**

25% total movement capacity

**Elastic recovery (DIN 52458):**

+5°C to +35°C - 40°C /

**Admissible joint movement:**

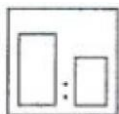
+80°C

**Application temperature:** Temperature resistance:



**Treatment of an old surface:**  
derust

clean, free of water, degrease,



**Mixing:**

ready to use



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manual or pneumatic air operated gun (provided with telescopic pistol)

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



**Air drying at 20 °C**

**Drying :** full polymerization after 24 hours



Shouldn't be treated

### **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 cure.**
- **Do not apply when moisture-vapour-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**

**Storage life:** 12 month (unopened container)

**Storage temperature:** 5° - 25°C



**Keep away from sunlight**



**Keep away from moisture**



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*For the additional information that is not included to the Technical Data Sheet apply to the supplier: e-mail: [info@chamaeleon-produktion.de](mailto:info@chamaeleon-produktion.de) See information on safety in Safety Data Sheet.*



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