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## *TECHNICAL DATA SHEET*

### CHAMÄLEON REPAIR SET

**Article number:** 15080

**Intended use:** Knife filler/ Surfacer

**General characteristics:** For bridge bigger holes, perforations from corrosion and damages in metal, wood, concrete etc. Especially applicable in mould and model building, in the garden (spray-fiber manufactured ponds) and in other industrial sectors. Can be used e.g. for leaking conductions and ductwork, tanks, boats etc. Chamaeleon Reparatur Box contains unsaturated, elastified polyester resin, hardener as well as glassfibre fabric.

#### **Quality and properties:**

- Ease of working
- High elasticity
- Very good adhesion
- Easy to sand, even after longer period
- Resistant to weak acids and bases, propellants, solvents, water and de-icing salt

#### **Technical characteristics:**

<b>Basis:</b>	unsaturated, elastified polyester resin
<b>Colour:</b>	like honey
<b>Smell:</b>	styrol
<b>Consistence:</b>	semi-fluid
<b>Pot life / Working time at 20°C:</b>	approx. 10 minutes
<b>Working temperature:</b>	min. 12°C
<b>Drying time (at 20°C, 50% relative air humidity):</b>	can be sanded after approx. 40 minutes
<b>Flash point:</b>	approx. 33°C (resin); not applicable for hardener
<b>Density at 20°C:</b>	resin 1.2 g/cm <sup>3</sup> hardener 1.15 g/cm <sup>3</sup>



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**Addition of hardener:** 2 - 4 % (optimal mixture 2,5 %)  
**Temperature resistance of the cured material:** 180°C, short-term up to 200°C

### **Application:**

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

- The object you wish to repair should be de-rusted, clean, dry, fat-free and sanded.
- Cut the glassfibre tissue depending on size of damaged area, calculate a sufficient overlapping.
- Take the requested portion of putty compound out of the can and mix it well with the corresponding quantity of hardener, then go on as following:
- Brush some resin on the prepared surface and put the fibreglass material on this spot.
- Press it with the help of a brush evenly onto the repair spot, starting at the edge, then soak it again with polyester resin. The glassfibre may have no air inclusions.
- As last layer you should apply and soak glassfibre fabric as a suitable coat for subsequent repair work. It is possible to proceed with several layers.
- If you wish to lacquer the surface, we recommend to go on with Universal medium-grained Polyestere Putty or Fine-grained Polyester Finishing Putty. The surface of the polyester resin remains sticky and thus works as optimal adhesion promoter. If desired, you can wash off this sticky surface with nitro thinner.
- Clean tools immediately after use, if necessary with a nitro thinner.
- Do not return mixed material into the can.
- After approx. 20-30 minutes the repaired spot can be drilled, sanded, sawed, rasped and painted.

### **Environment and labeling:**

**Environmentally sound:** The product is 100% free of heavy metals. The caps and packagings are made of recyclable material.

**Disposal:** Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

**Storage stability:** 18 months if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%) in the unopened original container. Protect from direct sunlight, frost and humidity.



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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.*