CHAMÄLEON GMBH / RUDOLF-DIESEL-STRASSE 8A / 69115 HEIDELBERG / GERMANY

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TECHNICAL DATA SHEET *Revision date: 14.06.2023*

REPAIR BOX

Article number: **15080**

Colour: honey-like

Intended use: Car refinishing product/ Knife filler/ Surfacer

General characteristics: Chamäleon Repair box contains unsaturated, elastified polyester resin, hardener as well as glass fiber fabric. For bridge bigger holes, perforations from corrosion and damages in metal, wood, concrete etc. Especially applicable in mold 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.

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:

Basis: unsaturated, elastified polyester resin
Smell: styrol
Consistence: semi-fluid
Working temperature: min.12°C
Drying time at 20°C, 50% relative air humidity: can be sanded after approx. 40 minutes
Flash point: approx. 33°C (resin); not applicable for hardener
Density at 20°C: putty 1.2 g/cm³
hardener 1.15 g/cm³
Temperature resistance of the cured material: 180°C, short-term up to 200°C

Painting preparation process:

Hardener: Hardener P

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Mixing ratio: 2 - 4 % (optimal mixture 2,5 %)
Pot life at 20 °C: approx. 10 minutes

Processing conditions:

Please only use in an adequately 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%. Polyester-based putty does not cure anymore at a temperature below +10 °C

Application process:

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 glass fiber 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 fiber glass 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 glass fiber may have no air inclusions.
  - As last layer you should apply and soak glass fiber 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 putty or Finishing fine-grained 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

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

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