

**TECHNICAL DATA SHEET***Revision date: 14.06.2024***UNIVERSAL SOFT PUTTY****Article number:** 15052, 15054, 15055, 15056, 15058, 15059**Colour:** ocher**Intended use:** Car refinishing product/ Knife filler/ Surfacer**General characteristics:** Putty based on unsaturated polyester resins with micro-fine fillers for a smooth, even surface. Ideal for filling dents or scratches on large areas without pores.

- good elasticity
- excellent adhesion
- easy to sand, even after a longer period
- good stability on vertical surfaces

**Fields of application:**

- galvanized steel
- zinc
- GRP
- iron
- steel
- concrete
- wood
- aluminium and its alloys
- tinned surfaces

**TECHNICAL CHARACTERISTICS****Basis:** polyester resin**Density at 20°C:** putty 1.82 g/cm<sup>3</sup>  
hardener 1.15 g/cm<sup>3</sup>**PAINTING PREPARATION PROCESS****Hardener:** Hardener P**Mixing ratio (by weight):** 100:2

Do not use more than 3% of hardener P! Under- or overdosage of hardener may cause spotting in the finishing paint layer.

**Pot life at 20 °C:** 4 - 5 min**APPLICATION PROCESS**

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

**Processing conditions:**

Please only use in an adequately ventilated environment with an ample supply of fresh air. Processing temperature should be at least +12 °C and max. air humidity should not exceed 80%. Polyester-based putty does not cure at a temperature below +10 °C

Drying	Sandable
Object temperature 20 °C	20 min
Object temperature 60 °C	5 - 10 min

**Processing tips**

- The substrate must be clean, dry and free from grease.
- Sand surfaces thoroughly. Remove loose/old paintwork and priming coats.
- Clean and degrease the whole surface to be painted before every operation.
- De-rust defective spots to bare metal and dry sand with sanding paper P80/150.
- Mix well the putty material with the hardener.
- After drying, use sanding paper P80/240 for dry sanding.
- Sand the entire surface with dry sandpaper P240/360 to a matt finish before applying filler.
- In case of filling work on non-ferrous metals (e.g. aluminium, zinc surfaces) it is necessary to apply a priming coat with Chamäleon Epoxy primer to ensure an optimal adhesion before applying the putty.
- Putty can only be dry sanded.

**ATTENTION**

- Do not apply on thermoplastic or acid products (wash primer).
- Do not overcoat with topcoats without having isolated the surface with Chamäleon 1K or 2K primer.
- Do not return mixed material into the can.
- Clean tools immediately after use, if necessary, with a nitro thinner.

**VOC regulation:**

EU limit value: Category B/b 250 g/l  
This product contains max. 15 g/l VOC

**Shelf life:**

18 months, if stored in tightly closed original containers

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.