

# PolyKar<sup>®</sup> MASTER

Polyester putty, category : Putties

**DESCRIPTION AND USAGE**

PolyKar MASTER is middle dense, rougher putty intended for common surface including cast-iron, aluminum, zinc and glass fibre. It is very well sandable, without pits, suitable as universal filling putty. It is suitable as an alternative instead of putty PolyKar SOFT for container producers.

**ENVIRONMENT**

The putty must not be used for filling places which are in direct contact with food and drinking water.

**APPLICATION**

Bonded surface must be without rust and old coatings. It is necessary to degrease the surface carefully, eventually to roughen with sanding paper:

- steel, glass fibre – sanding paper P40
- light metals – sanding paper P60
- original coatings – sanding to bare metal with using of sanding paper P60

**HARDENING**

The putty is hardened with hardener (PE-initiator, dibenzoyl peroxide, red paste in tube) in weight ratio:

- 100 parts of putty : 2 parts of hardener – recommended ratio for temperature 20°C

**POT LIFE**

The putty is necessary to be used within 6 minutes after mixing with hardener at temperature 20°C and hardening ratio 100:2. Pot life can be extended at temperatures lower than 20°C (minimally 17°C) and shortened at higher temperatures. Modification of hardening ratio can partly eliminate temperature influence on pot life.

Hardening ratio:

- minimally 100 : 1 – pot life extended
- maximum 100 : 3 – pot life shortened

**SANDING**

The putty is sandable after 20 – 30 minutes at temperature 20°C and hardening ratio 100:2. Dry sanding starts with sanding paper P80 and finishes with sanding paper P120 – P180. Wet sanding starts with sanding paper P120 and finishes with sanding paper P180 – P220.

**UPPER COATINGS**

It is possible to use all common paint systems on the putty. The putty resists common baking temperatures 80 – 110°C. If it is necessary to use the putty on anticorrosive primer and bake the enamel after that, then we recommend to use baking primer, or more precisely two-component epoxy primer. We don't recommend using of air-drying synthetic coatings and baking after that.

**TOOLS CLEANING**

Dirty parts of tools for filling can be cleaned with thinner for polyester sealers B6000 or nitrothinner C6000. Only non-hardened putty can be cleaned.

**STORAGE AND PACKAGING**

It is necessary to ensure the temperature from +5°C to + 25°C and avoid direct solar radiation during storage and transport. Dash of the resin on the surface of putty is acceptable. We guarantee shelf life and quality of the product for 12 months.

Packaging:

- 0,2 kg, 0,5 kg, 1 kg, 2 kg, 5 kg, 15 kg – a can
- 3 kg – a can for batching plant

**COLOUR**

Ochry