

# PolyKar<sup>®</sup> LIGHT

Polyester putty, category : Special Putties

**DESCRIPTION AND USAGE**

PolyKar LIGHT is a light-weight putty, middle dense and very well workable. This upper putty is intended for filling small and bigger disparities. It is intended for common surface. It has lower adhesion on aluminum and zinc materials. Thanks to low density it is very well sandable with severalfold lower abrasive consumption. It has high resistance of stress on material. There is a minimal increase of weight of construction, so it is suitable for aircraft industry and ship-building sector.

**ENVIRONMENT**

The putty must not be used for filling places which are in direct contact with food and drinking water. It does not get hard on wash primer and on metals treated by phosphatizing.

**APPLICATION**

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

- glass fibre – sanding paper P40
- steel, wood, cast-iron – sanding paper P60
- original coatings – sanding to bare metal with using of sanding paper P60

**HARDENING**

The putty is hardened with hardener (DBPO - initiator, red paste in tube) in weight ratio:  
- 100 parts of putty : 3 parts of hardener – recommended ratio for temperature 23°C

**POT LIFE**

The putty is necessary to be used within 5 minutes after mixing with hardener at temperature 23°C and hardening ratio 100:3. Pot life can be extended at temperatures lower than 23°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 : 4 – pot life shortened

**SANDING**

The putty is sandable after 20 – 30 minutes at temperature 23°C and hardening ratio 100:3. 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 – P240.

**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:

- 0,6 l, 1 l

**COLOUR**

Light blue

**BKP GROUP, a. s.**