

Polykar[®] GLAS LIGHT

Polyester putty, category : Special putties

DESCRIPTION AND USAGE

GLAS LIGHT is middle rough two-component lightened polyester putty with content of fibreglass intended for filling of ship or machine parts and glass fibre during repairs of mechanical stressed surfaces. The putty has lower density ($1,17 \text{ g.cm}^{-3}$) - it causes that the putty doesn't increase weight of the construction much. The putty has excellent adhesion to various surfaces, is easy applicable and well sand-able.

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. Upper layer on the glass fibre containing separators must be removed by resanding or by usage of organic solvent.

- glass fibre – sanding paper P40
- steel, wood, cast iron – sanding paper P60

HARDENING

The putty is hardened with hardener (PE-initiator, red paste in a tube) in weight ratio:
- 100 parts of putty : 2 parts of hardener – recommended ratio for temperature 23°C

POT LIFE

The putty is necessary to be used within 20 minutes after mixing with hardener at temperature 23°C and hardening ratio 100:2. 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 : 3 – pot life shortened

SANDING

The putty is sand-able after 2 hours at temperature 23°C and hardening ratio 100:2. This time can be shortened by drying of the putty at temperature 60°C. Dry sanding is done with sanding paper P60 – P120, wet sanding with sanding paper P80 – P150. We recommend use rotary or vibratory grinding machine.

UPPER COATINGS

It is possible to finish the filling with using of spray putty or filler. It is desirable to bake the putty in low-bake booth at temperature c. 60°C by the wet grinding. 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:

- 0,16 L, 0,35 L, 1,0 L

COLOUR

Light grey

BKP GROUP, a. s.