

PolyKar[®] ELONG

Polyester putty, category : Long putties

DESCRIPTION AND USAGE

PolyKar ELONG is elastic and soft surface two-component putty intended for filling of dimensional workpieces, machine parts and large surfaces during the repairs of machine exteriors. PolyKar LONG is possible to use successfully also for filling of various metal products or iron castings. The putty has thinner consistence and it is very well workable. The putty has excellent adhesion on various surfaces, good elasticity, is easy applicable and excellent sandable. Due to its long pot-life it stands out for short drying time.

ENVIRONMENT

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

VOC CONTENT

63 g/l

This product meets the requirements of EU Directive (2004/42/EC), which for the preparation of this category (B / b) specifies limits on the content of volatile substances 250 g / l of the finished product.

APPLICATION

Bonded surface must be without rust and old coatings. It is necessary to degrease the surface carefully, eventually to roughen with sanding paper P80.

HARDENING

The putty is hardened with hardener (PE - initiator, red paste in 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 20-30 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 sandable after 1 – 1,5 hours at temperature 23°C and hardening ratio 100:2. It is possible to achieve the shortening of this time by baking the putty at temperature about 60°C. Rough sanding is done with sanding paper P80 – P120, final sanding with sanding paper P180 – P240. We recommend to 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.

TOOLS CLEANING

Dirty parts of tools for filling can be cleaned with polyester thinner or nitro thinner. 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:

- 2 kg, 5 kg, 10 kg – a can
- 3 kg – the can for the batcher

COLOUR

Grey

BKP GROUP, a. s.