

PolyKar[®] INDUSTRIAL

Polyester putty, category : Long putties

DESCRIPTION AND USAGE

PolyKar INDUSTRIAL is very soft, two-component polyester putty intended for filling of large surfaces during railway carriages repairs. PolyKar INDUSTRIAL is possible to use successfully for filling of various metal products, iron castings or machine exteriors. It is applicable on straightening of disparities on wood (harder kinds), glass fibre, concrete, stone etc. The putty has excellent adhesion, is well workable and sandable. Thanks its more rare consistence is very well spreadable. It excels in toughness, endures big load in bend and stroke during changing of temperatures and vibrations.

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:

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

HARDENING

The putty is hardened with hardener (CHPO-initiator, yellow 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 25 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 2 – 3 hours at temperature 20°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. 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. 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. 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:

- 5 kg – a can

COLOUR

White

BKP GROUP, a. s.