

CARBON FIBER

Polyester putty

Category: Special putties

Technical description: 10.10. 2012

DESCRIPTION AND USAGE

PolyKar CARBON FIBER is a special two component polyester putty. This medium viscosity putty contains carbon fibers and is suitable for sealing larger inequalities. It is intended for common surfaces including iron, aluminum, zinc and fiberglass. This non-porous material is significantly better sandable than a putty with glass fiber.

ENVIRONMENT

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

VOC VOLUME

VOC = <250 g/l

This product complies with EU Directive (2004/42/EC), which gives for the preparation of this category (B / b) the limit value of volatile matter content of 250 g / l in finished product.

APPLICATION

Get rid of rust and abrade the bonded surface by sandpaper P80. Surface must be clean, dry and free of dust and grease. For maximum corrosion protection use epoxy or polyurethane basecoat. Do not apply the putty on reactive, single or nitrocellulose basecoats. Apply with a trowel.

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 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 100:2. Adjusting of the hardening ratio can partly eliminate the influence of temperature on the potlife. At lower temperatures (at least 17°C), the potlife increases, at higher temperatures is reduced. Do not exceed the recommended hardening ratio.

SANDING

The putty is sandable after 20-30 minutes at temperature 23°C and hardening ratio 100:2. Rough sanding begins with sanding paper P80120 and finishes with sanding paper P120. For sanding is recommended to use rotating or vibrating sander.

UPPER COATINGS

It is possible to use all common paint systems on the putty. The putty withstands temperatures of 80-110 °C.

TOOLS CLEANING

Dirty parts of tools for filling can be cleaned with THINNER POLYESTER or nitrothinner C-6000. Only non-hardened putty can be cleaned.

STORAGE

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

- 0,15 kg, 0,5 kg, 1 kg, 1,8 kg, 5 kg, 15 kg – a can
- 3 kg – a can for batching plant

COLOUR

Black