

PolyKar[®] LAMINO PLUS

Repair set, category : Special putties

DESCRIPTION AND USAGE

PolyTmel LAMINO PLUS is two-component polyester repair set for repairing of laminate and lamination. The repair set is used for repairing of holes or splits in metal or laminate materials as for example rusted up places on car bodies, boats or camping caravans. Glass texture soaked with polyester resin forms steady base for application of next layers of putties during the repair.

ENVIRONMENT

PolyKar LAMINO PLUS must not be used for repairing places which are in direct contact with food and drinking water.

APPLICATION

Repaired 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, galvanized steel – sanding paper P60

Before starting the repair it is necessary to cut out suitable piece of glass texture. Prepared mixture of resin and hardener is applicated on repaired place by brush, then the glass texture is laid. After that also the glass texture shall be soaked. It is possible to lay more layers of glass texture, if it is necessary.

HARDENING

The resin is hardened with hardener (BUTANOX M-50-initiator, colourless liquid) in weight ratio:

- 100 parts of resin : 2 parts of hardener – recommended ratio for temperature 20°C

POT LIFE

The putty is necessary to be used within 15 – 20 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

Repaired place is sandable after 120 minutes at temperature 20°C and hardening ratio 100:2. 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.

VRCHNÍ NÁTĚRY

At temperature 20°C the surface is hardened after 120 minutes. It is possible to bake the place in low-bake booth at temperature c. 60°C. Before spreading of next layers (for example putties, fillers and enamels) it is necessary to grind away the surface of the resin or remove the wax based additive from the surface of the resin for troublefree adhesion. The repair should be finished with putties, eventually with extra soft putty, which aligns the margins finely. We recommend also to use spray putty or filler. After that it is possible to use all common paint systems. Hardened resin resists common baking temperatures 80 – 110°C.

TOOLS CLEANING

Repaired place is sandable after 40 minutes at temperature 20°C and hardening ratio 100:2. For dry sanding it is used the sanding paper P80 – P180.

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. We guarantee shelf life and quality of the product for 12 months.

Packaging:

- 1 kg of resin – a can + 1 m² of glass texture
- individual packaging according to the customers need

COLOUR

Light blue transparent liquid

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