

PolyTmel[®] LAMINO

Repair set, category : Special putties

DESCRIPTION AND USAGE	PolyTmel LAMINO is two-component polyester repair set for small repairs. 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	PolyTmel LAMINO must not be used for repairing places which are in direct contact with food and drinking water.
APPLICATION	<p>Repaired surface must be without rust and old coatings. It is necessary to degrease the surface carefully, eventually to roughen with sanding paper:</p> <ul style="list-style-type: none">- glass fibre – sanding paper P40- steel, galvanized steel – sanding paper P60 <p>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.</p>
HARDENING	<p>The resin is hardened with hardener (PE-initiator, dibenzoyl peroxide, red paste in tube) in weight ratio:</p> <ul style="list-style-type: none">- 100 parts of resin : 2 parts of hardener – recommended ratio for temperature 20°C
POT LIFE	<p>The putty is necessary to be used within 8 – 10 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.</p> <p>Hardening ratio:</p> <ul style="list-style-type: none">- minimally 100 : 1 – pot life extended- maximum 100 : 3 – pot life shortened
SANDING	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.
UPPER COATINGS	The surface is hardened after 40 minutes. It is possible to bake the place in low-bake booth at temperature c. 60°C. The repair should be finished with putties, eventually with extra soft poutty, which alignes 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	Dirty parts of tools for repairing can be cleaned with thinner for polyester sealers B6000 or nitrothinner C6000. Only non-hardened resin can be cleaned.
STORAGE AND PACKAGING	<p>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.</p> <p>Packaging:</p> <ul style="list-style-type: none">- 0,25 kg of resin – a can + 0,2 m² of glass texture
COLOUR	Light yellow transparent liquid