

PolyTmel[®] PLNIČ 2K PUR

Polyurethan filler, category : Fillers

DESCRIPTION AND USAGE

PolyTmel PLNIČ 2K PUR is two-component spray anticorrosive filler for quality base for upper coating. In paint system polyurethan spray filler is intended for formation of connecting layer between primary coatings, eventually filled places, and upper coating. Thick layers for filling of rough disparities on surface, or thin, highly strong and smooth layers suitable for final spray coating of upper paint (for example on car body) can be formed according to the part of thinning. It can be used also for evening out of disparities on metal products, wood, fibreglass or concrete.

ENVIRONMENT

The filler 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.

HARDENING

The filler is hardened with hardener (TVRDIDLO 60, transparent liquid) in weight or volume ratio:
- 4 volume parts of putty : 1 volume part of hardener
- 6 weight parts of filler : 1 weight part of hardener
The mixture must be homogenized perfectly and filtered.

POT LIFE

The filler is necessary to be used within 60 minutes after mixing with hardener at temperature 20°C. We recommend to use supplied thinner for modification of mixture consistence before spraying. PolyTmel PLNIČ 2K PUR can be used according to the addition of thinner as follows:

1 – Maxifiller for filling of rough disparities during working operation. It forms thick layer. Usage for example as a filler on polyester putty.

2 – Filler for thick and highly strong layers. Usage for example for two-component coatings of commercial vehicles.

3 – Filler for basic or normal coating. Usage for high-quality two-component coatings, in connection with two-component polyurethan and acrylic high-solid covering colours.

4 – Filler for spraying into wet paints.

filler number	addition of thinner %	spraying nozzle /mm/	spraying pressure /bar/	pot life 20°C /min/	drying on air 23°C / baking at 60°C /min/	thickness of dry layer /µm/
1	-	1,8 - 2	3 - 4	60	120 / 30	150
2	5 - 8	1,5	3 - 4	60 - 120	120 / 20	60 - 80
3	10 - 15	1,3 - 1,5	3 - 4	120	180 - 240 / 20	40
4	25	1,3 - 1,5	4	180	-	25 - 30

SANDING

After hardening continue with dry sanding with sanding paper P 400 – P 600, or with wet sanding with sanding paper P600 – P800.

UPPER COATINGS

It is possible to use all common paint systems on sanded filler. The filler resists common baking temperatures 80 – 110°C.

TOOLS CLEANING

Dirty parts of tools can be cleaned with acrylic thinner. Only non-hardened filler 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 6 months.

Packaging:

- filler 1 kg, a can + hardener 0,17 kg, a can
- filler 4 kg, a can + hardener 0,68 kg, a can
- thinner 0,3 kg, 0,9 kg, a can

COLOUR

Light grey

BKP GROUP, a. s.