

# PolyKar<sup>®</sup> PLNIČ 4:1 PLUS

Acrylic filler, category : Fillers

**DESCRIPTION AND USAGE**

PolyKar PLNIČ 4:1 PLUS is two-component high-quality, very dense, fast-drying acrylic primer for majority of common surfaces. It has excellent spill, perfect covering. It dries fast also in thicker layers, is very well sandable. It has excellent filling properties. It is an ideal base which ensures high-quality appearance of coated things.

SURFACE	ADHESION
iron	++
steel, aluminium	++
wood, concrete	+
some plastics	o
putties BKP GROUP	++
old coatings	++

++ excellent / + good / o satisfactory / - not satisfactory

**ENVIRONMENT**

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

**APPLICATION**

Surface must be without rust and old coatings. It is necessary to degrease the surface carefully. It is applicated separately in 2 – 3 layers. Each layer must be leaved to draught about 5 – 10 minutes.

FILLING SYSTEM – 5 – 15% of acrylic thinner

**Working viscosity:** 4/20°C. circa 25s

**Nozzle of spray gun:** Ø 1,5 - 1.8mm

**Air pressure:** 0,3 - 0,4 MPa

**Spread:** 1 liter of filler covers about 5,7 m<sup>2</sup> in thickness of layer 100 µm.

**HARDENING**

The filler is hardened with hardener PolyKar TVRDIDLO 1:4 NORMAL/PLUS in volume ratio:

- 4 parts of filler : 1 part of hardener

The mixtute 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 and hardening ratio 4:1.

**SANDING**

The filler is sand-able after 3 hours at temperature 21°C, after 30 - 40 minutes at temperature 60°C. Dry sanding is done with sanding paper P320 – P500 by mechanical sanding and with sanding paper P280 – P320 by hand sanding. Wet sanding is done with sanding paper P600 – P1000 by mechanical sanding and with sanding paper P600 – P800 by hand sanding.

**UPPER COATINGS**

It is possible to use all common paint systems on the filler. The filler 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 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. Store in dry and cold place. We guarantee shelf life and quality of the product for 12 months.

Packaging:

- filler 1 l + 0,25 l hardener – a can

- filler 4 l + 1 l hardener – a can

- filler 20 l + 5 l hardener – a can

**COLOUR**

White, gray, black

**BKP GROUP, a. s.**

1. května 333, 687 34 Uherský Brod – Těšov, IČO: 26236788, DIČ: CZ26236788

Tel.: 572 610061

Fax: 572 610070

E-Mail: [obchod@bkp.cz](mailto:obchod@bkp.cz)

WWW: <http://www.bkp.cz>

OBCHODNÍ ZASTOUPENÍ NA SLOVENSKU: **BKP SLOVAKIA, spol. s r.o.**, prevádzka: Drietoma – areál PDP, 018 64 KOŠECA 399

Tel.: 00421 3264 99991

Fax: 00421 3264 99990

E-Mail: [bkpsk@stonline.sk](mailto:bkpsk@stonline.sk)