

PolyKar[®] LAK HS 3:1 SUPER

Acrylic clear coat, category : Clear coats

DESCRIPTION AND USAGE

Fast drying clear coat PolyKar LAK HS 3:1 SUPER/VOC 2007 has the content of organic solvents lower than common clear coats have. VOC content by the product ready to use is less than 420 g/l. PolyKar LAK HS 3:1 SUPER/VOC 2007 was developed on the base of high-quality hydroxyacrylic resins and is recommended for car body and machine repairs. This clear coat has a high content of solids, perfect gloss, excellent resistance against weather conditions, ideal clarity and very good polishing properties.

ENVIRONMENT

PolyKar PolyKar LAK HS 3:1 SUPER/VOC 2007 must not be used for filling places which are in direct contact with food and drinking water.

APPLICATION

The clear coat can be applied on primers, metallic paints, old coatings in good condition after its degreasing with silicon remover and tarnishing (which is done with grey felt with polishing emulsion, with sanding paper P600 – P800 by wet sanding, or with sanding paper P360 – P 400 by machine sanding).

The clear coat is applied on dry and clean surface at temperature 20°C in well ventilated rooms and with usage of aids for personal protection. The temperature of clear coat and temperature of coated surface must be the same. The clear coat is applied in 1,5 layer:

1. thin contact layer
2. subsequent full layer

Each layer must be leaved to draught about 5 – 10 minutes.

Working viscosity: 4/20°C. 18 – 22s

Nozzle of spray gun: Ø 1,4 - 1.6mm

Air pressure: according to spray gun producer

Spread: 1 liter of filler covers about 7 m² in thickness of layer 50 – 60 µm.

The best effect of varnishing can be achieved by working in special chamber or in rooms intended for this purpose at air temperature about 20°C.

HARDENING

The clear coat is hardened with hardener PolyKar TVRDIDLO HS 1:3 SUPER/VOC 2007 in volume ratio:

- 3 volume parts of filler : 1 volume part of hardener

The mixture must be homogenized perfectly and filtered.

POT LIFE

The clear coat is necessary to be used within about 2 hours after mixing with hardener at temperature 20°C. Pot life can be extended at temperatures lower than 20°C (minimally 17°C) and shortened at higher temperatures.

DRYING

At temperature 20°C the clear coat is dry after 20 minutes against dust, after 5 hours for manipulation and after 8 – 10 hours it is absolutely hardened. Flash-off time before heating is 15 minutes. At temperature 60°C the clear coat is dry after 30 minutes. After cooling down the clear coat is ready for polishing. The temperature lower than 20°C extends the drying time significantly.

TOOLS CLEANING

Dirty parts of tools can be cleaned with acrylic thinner. Only non-hardened clear coat can be cleaned.

STORAGE AND PACKAGING

It is necessary to ensure the temperature 20°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 24 months.

Packaging:

- clear coat 1 l + 0,33 l hardener – a can
- clear coat 3 l + 1 l hardener – a can
- clear coat 9 l + 3 l hardener – a can

COLOUR

Transparent

BKP GROUP, a. s.