

Data sheet



ROKOPRIM AKRYL-HAFTGRUND RK 102

Characteristics:

Paint based on acrylic resin in organic solvents with zinc phosphate pigment and additives. Does not contain any heavy metals, thus being environmentally friendly.

Application:

Rokoprím Akryl Haftgrund RK 102 is a high-quality one-component anticorrosive acrylic primer with zinc phosphate pigment, having excellent adhesion, very quick drying and cure response and, particularly, an universal applicability, for over coating with any top coat. Especially suitable for light metals and galvanized surfaces.

As a priming coat for machines and equipment, truck body structures, handling and forwarding equipment, engine casing etc.

Technical data:

Dry film properties

Shade	0199 – black, 0110 – grey, RAL 7035 (by agreement)
Gloss degree	mat
Coverage level	1-2
Crosshatch:	GT 0-1 according to ČSN ISO 2409
Erichsen cupping test	min. 5 mm (CSN EN ISO 1520)
Resistance in the condensation chamber	240 hod.(ČSN EN ISO 6270)

Wet paint properties

Viscosity delivered	thixotrop (F4/20°C dle ČSN 673013)
Total solids	approx.. 68,6% by weight (always according to colour shade)
Volume shrinkage	49 %
TOC content in	264 gC/1 kg
VOC content in	314 g / kg
TOC content in 1 microns d.c..t.	0,673 gC/mikr.d.c.t/m ²
TOC content in 40 microns d.c..t.	26,9 gC/m ²
Density	1.25 g/cm ³
Spreading rate	9.8 m ² /kg (at 40 µm dry coat thickness)
Inflammation point	> 23 °C
Shelf life	12 months in closed can at +5 up to +30 °C

Drying:

Air-drying	Dust-free - degree 1	max. 15 min. (at 20 °C)
	Dry to handle - degree 3	max. 25 min. (at 20 °C)
	Dry - degree 4	max. 2 h (at 20 °C)

Application & recommended viscosity:

Brushing, roller coating	40-50 s (F4/20°C dle ČSN 673013)
L.P. spraying (gun with vessel)	25-35 s (nozzle 1.5 -1.8 mm, pressure 3 - 4 atm)
H.P.- airless spraying (VYZA 4)	40-60 s (nozzle 0.4 mm, pressure 130 -150 atm)
Dipping	25-30 s

Thinning:

Roko C 6000

Standard paint application light metal:

- primary surface treatment – cleaning and degreasing
- 1-2x crosswise priming coat with Rokoprím Akryl Haftgrund RK 102 (optimum thickness of one paint coat: 30 - 40 µm, recoating interval is min. 30 min; when wet-on-wet is applied, interval may be shorter)
- 1-2x Rokoprím Email RK 400 top enamel (2x 30 µm, paint drying interval: min. 2 h)

Application for galvanized - non-oxidised steel

-when applied to the new galvanized non - oxidised steel - it is necessary apply the first layer in a very thin thickness (around 8-15 µm) (the first very thin layer reacts with the residues of zinc after galvanisation procedure) and after application of the very thin layer after about 15-20 min. it is possible to apply next full layer. In the event that the above mentioned process will not follow, it is possible bubbles or other defects.

Sheet 1 (total 1)	Rokospol a.s., závod Kaňovice č. 101, 76341, tel. – 577 110 132-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, http://www.rokospol.cz	Update: FB 10.08.2015
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Packing:

23 kg and 50 kg cans, 200 kg barrels, customers' receivers

Notice:

All the data represented in this data sheet are of recommending nature only. It is based on our best knowledge, as well as on thorough research in accordance with up-to-date state of technology. This data cannot be interpreted as legally binding. Safety data sheets in accordance with 91/155/EWG on request.

Sheet 2 (total 1)	Rokospol a.s., závod Kaňovice č. 101, 76341, tel. – 577 110 132-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, http://www.rokospol.cz	Update: FB 10.08.2015
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