

# Data sheet



## ROKOPRIM KG RK 116

### Characteristics:

Anticorrosive quick-drying primer based on alkyd resin in organic solvents with zinc phosphate pigment and additives. Without any heavy metal – environmentally friendly.

### Application:

Ideal for thick anticorrosive priming coat of steel constructions, when followed by alkyd-based topcoats. Applicable especially for coating of containers, steel pallets, structure.

### Technical data:

#### Dry film properties:

Shade	0118 – light-grey, 0840 – reddish brown, ( RAL min. ordered quantity 600 kg)
Gloss degree	flat
Hiding power	1 – 2
Crosshatch	GT 1 according to ČSN ISO 2409
Erichsen cupping test	min. 5 mm (CSN EN ISO 1520)
Resistance in the condensation chamber	260 hod.(ČSN EN ISO 6270)

#### Wet paint properties:

Viscosity delivered	min. 35 s (F4/20°C acc. to ČSN 673013)
Total solids	min. 68 % -by weight
Density	1.4 g/cm <sup>3</sup> (acc. to shade)
Volume shrinkage	55 %
TOC content	278,4 gC/1 kg
VOC content	320 g / kg
TOC content in 1 µm.d.c..t.	0,812 gC/µm.d.c.t/m <sup>2</sup>
TOC content in 40 µm.d.c..t.	32,5 gC/m <sup>2</sup>
Recommended thickness	40-80 µm
Spreading rate	10 m <sup>2</sup> /kg (at 40 µm)
Inflammation point	> 23 °C – inflammable matter, class II
Shelf life	12 months in closed can at +5 up to +30 °C

#### Drying:

Dust-free - degree 1	10 min (at 20 °C) ( ČSN 673052 )
Tack-free - degree 2	20 min
Dry to handle - degree 4	2 h

#### Recoatibility:

1 h (alkyd-based, oil-based)

#### Packing:

23 kg cans, 200 kg barrels

#### Application & recommended viscosity:

Brushing, roller coating	35- 50 s (F4/20°C -acc. to ČSN 673013)
L.P. spraying (gun with vessel)	25- 40 s (nozzle 1.5-1.8 mm, pressure 3-4 atm)
H.P. spraying (VYZA 4)	35-50 s (nozzle 0.3 mm, pressure 90-150 atm)

#### Thinning:

S 6001- in summer season (in the case of very high application temperatures is suited to add 3-4% of Rokothinner 150 for the reduction of chalking, or it can be used Rokothinner UNI RK 002)

C 6000- in winter season

By the brushing or roller coating is recommended to use Rokothinner UNI RK 002 ( approx. 10%)

#### Standard paint application steel structure:

- primary surface treatment – cleaning, degreasing, if necessary blasting-cleanliness Sa 2,5 (accord.ISO 8501-1

- 1-2x crosswise priming coat with Rokoprime KG RK 116 (optimum one paint coat thickness: 40-60 µm )

- 1-2x alkyd-based Rokoemail S 2029 top enamel ( thickness approx. 40 µm )

Total coating system's thickness is 80-120 µm.

#### Notice:

Due to the large amount of color shades produced, above mentioned technical values are stated as an average of color shades of paint.

All data presented in this data sheet are of a recommending nature only. They are based on our best knowledge as well as on a thorough research in accordance with the up-to-date state of technology. These data cannot be interpreted as legal binding.

Safety data sheets in accordance with 91/155/EWG on request.

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