

# Data sheet



## ROKOSIL KH RK 303

### Characteristics:

A self-priming quick-drying primer, based on alkyd resins in organic solvents with pigments and additives. The paint does not contain any heavy metals, thus being environmentally friendly.

### Application:

Ideal self-priming coating for steel products, for example containers, pallets, etc., Rokosil KH RK 303 is suited for steel in light corrosive stress areas. Can not be used for coatings that come into direct contact with food and drinking water.

### Technical data:

#### **Dry film properties**

Colour Shade	ČSN or RAL shades – as agreed
Gloss degree	semi-matt, degree4 (ČSN 673063)
Hiding power	1 – 2
Crosshatch adhesion	degree 1-2 (accord. ČSN ISO 2409)

#### **Wet paint properties**

Viscosity delivered	thixotropic (F4/20°C accord. ČSN 673013)
Total solids	min. 68 % -by weight
Volume shrinkage	45 %
TOC content	306 gC/1 kg
VOC content	354 g / kg
TOC content in 1 µm.d.c..t.	0,88 gC/mikr.d.c.t/m <sup>2</sup>
TOC content in 80 µm.d.c..t.	70 gC/m <sup>2</sup>
Density	1,3 g/cm <sup>3</sup> (acc. to shade)
Recommended thickness	80 µm
Spreading rate	4,3 m <sup>2</sup> /kg (at 80 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	max. 20 min. (at 20 °C)
Dry to handle - degree 4	max. 24 h (can be additionally dried at 60-80 °C for approx. 30 min)

### Packing:

20 kg cans, 200 kg barrels, customers' receivers

### Application & recommended viscosity: (H.P. spraying is recommended)

Brushing, roller coating	50-60 s (4 mm/20 °C DIN 53211)
H.P. spraying (VYZA 4)	80 s (nozzle 0.3 mm, pressure 90-150 atm)
L.P. spraying (gun with vessel)	40-50 s (nozzle 1.5-1.8 mm, pressure 3-4 atm)

### Thinning:

Thinner Rokoredidlo S 6001 (spraying)  
Thinner Rokoredidlo S6006 (brushing)

### Cleaning:

Thinner Rokoredidlo C 6000

### Standard paint application for steel pallets:

- primary surface treatment – cleaning, degreasing, (if necessary) blasting
- 1-2x crosswise coating with Rokosil KH RK 303 (optimum thickness of one paint coat: 80 µm )

### **Note:**

To increase anticorrosive resistance, it is recommended to firstly apply a primer (Rokoprime Container RK 103) and then the paint Rokosil KH RK 303 as a topcoat layer.

If apply Rokosil KH RK 303 in two layers in a short time period, it is also necessary not exceed totally dry coat thickness of both layers. The totally dry coat thickness should not be higher than 120 µm. Too thick thickness significantly slows drying and hardening inside the film.

Spraying application of metallic colours (for example RAL 9006, 9007) must follow the same application conditions (thickness, dilution, pressure, type of nozzle, etc.). Any deviation from the standard application method causes a change and appearance of colour shade. Application by roller, or by brushing is not suitable for these colour shades.

Sheet 1 (total 2)	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 25.09.2015/ 25.09.2015
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**Notice:**

Due to the large amount of colour shades available, the above mentioned technical values are stated as an average of paint colour shades of only. 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. Safety data sheets in accordance with 91/155/EWG on request.

Sheet 2 (total 2)	Rokospol a.s., závod Kaňovice č. 101, 76341, tel. – 577 110 132-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, <a href="http://www.rokospol.cz">http://www.rokospol.cz</a>	Update: FB 25.09.2015/ 25.09.2015
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