

Data Sheet



ROKOPOX MASTIC RAL RK 301- R

Characteristics:

Dispersion of pigments and fillers in a solution of special high solid epoxy resin in organic solvents with additives.

Field of application:

ROKOPOX MASTIC RAL RK 301- R - two-component high build, high solid, epoxy paint with a low VOC and TOC content. It is suitable as a self-priming paint, an intermediate coat in multicoat paint systems or as a topcoat in epoxy paint system for medium or heavy corrosivity category. This paint is tintable according to RAL colour book. It is also tolerant for non-ideal surface preparation. It is also suitable for galvanized surfaces.

Technical data:

Shade RAL-according to customer's demand
Gloss degree semi-gloss
Hiding power 1 – 2
Crosshatch adhesion 0 according to (CSN EN ISO 2409)

Paint without cure (A) :

Viscosity delivered thixotrop (F4/20 °C acc. ČSN 673013)
Total solids approx. 83,8 weight %
Density 1,7 g/cm³
Inflammation point >23 °C
Shelf life 12 months in closed can
at +5 up to +30 °C

Paint with cure (A+B):

Total solids approx. 85 weight %
Volume shrinkage 80 %
Density 1,62 g/cm³
TOC 112 gC/1 kg
VOC 145,8 g/ kg
TOC content in 1 micr.d.c..t. 0,215 gC/1 m²
TOC content in 120 micr.d.c..t. 25,8 gC/m²
Spreading rate 4,1 m²/kg (at 120 µm dry coat thickness)

Application:

brushing, H.P.spraying, roller coating
Recommended application - climatic condition: at +5 up to +35 °C, air real humidity < 70%

Hardening:

paint component A: Rokopox Mastic RAL RK 301 –component B- Hardener = 100:13 by weight=4,6:1
by volume

Pot life:

approx. 3 h at 20 °C

Thinning:

Rokopox ředidlo RK 031

Drying:

degree 1 – dust-free: 3 h at 20 °C
degree 4 – dry to handle 8 h at 20 °C

Oven drying:

If accelerated drying process (by circulating air) is used, following drying times (the air blasting time of 15 min is to be kept in any case!) can be achieved:

45 min at 80 °C or 30 min at 100 °C

Note : temperatures and times must be tested according to the thickness of the paint system in cooperation with Rokospol technician

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 /JP 21.03.2013 21.12.2014
----------------------	---	---



ROKOPOX MASTIC RAL RK 301- R

Standard paint application:

- primary surface treatment – degreasing and subsequent mechanical cleaning of the surface to the degree St2 or blasting to the surface cleanliness Sa 2.5 (ISO 8501-1)

- 1x crosswise priming coat with Rokopox Mastic ALU RK 301-A (120 µm, recoating time with the paint is 24 h., at 20°C)

- 1x crosswise priming coat with Rokopox Mastic MIO RK 301-M (120 µm, recoating time with the paint is 24 h., at 20°C)

- 1x crosswise priming coat with Rokopox Mastic RAL RK 301-R (120 µm)

(When high-pressure spraying, use the 0.45 – 0.58 nozzle, total nozzle pressure min. 180 atm)

Dry thickness values when:	brushing	50 – 100 µm
	H.P.spraying	50 – 200 µm
	Roller coating	50 – 100 µm

Notice:

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. In addition to that, see our terms of trade.

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, http://www.rokospol.cz	Update: FB /JP 21.03.2013 21.12.2014
----------------------	--	---