

Data Sheet



ROKOPOX MASTIC ALU RK 301-A

Characteristic:

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

Recommended use:

ROKOPOX MASTIC ALU RK 301- A - two-component high build, high solid, epoxy maintenance paint. 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. Contains aluminium powder (ALU) which guarantees an excellent adhesion and high barrier corrosion protection. It is also suitable for galvanized surfaces. It is also tolerant for non-ideal surface preparation.. Ecological product-high volume solids, paint with a low TOC and VOC content.

Technical data:

Dry film properties:

Colour Shade	ALU- grayalu
Gloss degree	semi-gloss
Hiding power	1 – 2
Crosshatch adhesion	degree 0 (according to CSN ISO 2409)

Paint without cure (A) :

Viscosity delivered	thixotropic (F4/20 °C acc. CSN 673013)
Total solids	approx. 83,8% (by weight)
Density	1,6 g/cm ³
Inflammation point	>23 °C,
Shelf life	12 months in closed can at +5 up to +30 °C

Paint with cure (A+B):

Total solids	min. 85,4 % (by weight)
Total solids	80 % (by volume)
Density	1,54 g/cm ³
TOC content	112 gC/1 kg
VOC content	145,8 g/ kg
TOC content in 1 micr.d.c..t.	0,215 gC/1 m ²
TOC content in 150 micr.d.c..t.	32,3 gC/m ²
Spreading rate	approx. 3,5 m ² /kg (at 150 µm dry coat thickness)

Application: brushing, H.P.spraying, roller coating

Hardening: Rokopox Mastic MIO RK 301 –M part A : Hardener part B = 9:1 by weight=5,6:1 by volume

Pot life: approx. 3 h at 20 °C

Thinning and cleaning: S6300 or Rokopox ředidlo RK 031 thinner

Drying:
degree 1 – dust-free: 4 h at 20 °C
degree 4 – dry to handle 24 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 at 20 °C 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 21.12.2012/22.12.2014
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ROKOPOX MASTIC ALU RK 301- A

Paint application of self-priming coating for steel structures:

- primary surface treatment – degreasing and subsequent mechanical cleaning of the surface to the degree min.St.2 or blasting to the surface cleanliness Sa 2.5 (ISO 8501-1)

- 1-2x crosswise priming coat with Rokopox Mastic ALU RK 301-A , the total dry coat thickness of paint system approx 200 µm,

(recoating with the same paint ROKOPOX MASTIC ALU RK 301- A – after 24 h., at 20°C)

When high-pressure spraying equipment is used - need to be used nozzle 0,45 – 0,58 nozzle pressure min. 180 atm

Dry coat thickness values for:	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 21.12.2012/22.12.2014
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