



ROKOLAK EP S 1300

Characteristics:

Solution of a low-molecular epoxy resin in an organic solvents.

Field of application:

Rokolak EP S 1300 is two-component epoxy resin varnish for high gloss applications and hard transparent wood and plastic coating with excellent chemical resistance. The coat has a very good chemical and oil resistance as well as resistance to temperatures up to 120 °C.

Technical data:

Shade transparent
Gloss degree 1
Crosshatch adhesion degree 0-1 according to EN ISO 2409

Paint without cure (A) :

Viscosity delivered 20-35 s (F4/20 °C acc. to CSN 673013)
Total solids min.50 % (by weight)
Density 1.0 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 45 % (by volume)
Density 1,0 g/cm³
VOC content 500 gC/1 kg
TOC content 450,4 g/ kg
TOC content in 1 micr.d.c..t. 1,0 gC/1 m²
TOC content in 25 micr.d.c..t. 25 gC/m²
Theoretical spreading rate approx. 18 m²/kg (at 25 µm dry coat thickness)

Hardening:

Hardener Rokotužidlo S 7300 (100:40 by weight = 2,5:1 by volume)

Pot life

The blend has to be applied within 8 hours at 20 °C

Thinning:

Thinner Rokoředidlo S 6300

Cleaning:

Rokoředidlo S 6300 or thinner Rokopox ředidlo RK 031

Packing:

As agreed

Drying:

Air drying:

Degree 1 – dust-free: max. 2 h at 20 °C
Degree 4 – dry: max. 24 h at 20 °C

Sheet 1 (total 2)	Rokospol a.s., závod Kaňovice č. 101, 76341, tel. – 577 110 131-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, http://www.rokospol.cz	Update: FB 03.01.2014/ FB 22.12.2014
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Application & recommended viscosity:

Brushing, roller coating	20-25 s (F4/20 °C acc. to CSN 673013)
L.P. spraying (gun with vessel)	20-25 s (nozzle 1.5-1.8 mm, pressure 3-4 atm)
H.P. spraying (VYZA 4)	35 s (nozzle 0.2 mm, pressure 80-100 atm)

Standard paint application:

- primary surface treatment – cleaning, degreasing, grinding
- 1-3x crosswise coating with S 1300 (optimum thickness of one layer is 25 µm, recoating interval 24 h; each coat should be followed by regrinding)

Notice:

Due to slight variations of technical parameters of the raw material used in the manufacture of paints, are the above mentioned technical values for simplification stated as mean and standard deviation.

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.

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