Data sheet

ROKOPRIM EP S 2300

Characteristics:

Dispersion of pigments and extenders in an epoxy resin solution in organic solvents with additives and zinc phosphate anticorrosive pigments.

Application:

Epoxy two-component anticorrosive coating Rokoprim EP S 2300 is effective of steel structures for interiors and exteriors as well. Especially suitable for light metals and galvanized surfaces. Ideal for priming coats, when followed by epoxy, polyurethane and akryl urethane overcoatings exposed to heavy corrosive stress.

Technical data:

Dry film properities:	
Shade	0100 – white, 0110 – grey and 0840 – reddish brown, as agreed
Gloss degree	flat
Crosshatch:	GT 0 according to ČSN ISO 2409
Paint (without curing agent):	
Viscosity delivered	thixotropic liquid (F4/20°C acc.to ČSN 673013)
Total solids	70 % -by weight
Density	1.4 g/cm^3
Inflammation point	>23 ˚C
Shelf life	12 months in closed can at +5 up to +30 ˚C
Paint mixture (paint+curing agent):	
Total solids	67 % -by weight
Volume shrinkage	60 %
Density	1.34 g/cm^3
TOC content	254 gC/1 kg
VOC content	303 g / kg
TOC content in 1 µm.d.c..t.	0,567 gC/µm.d.c.t/m^2
TOC content in 80 µm.d.c..t.	45,4 gC/m^2
Spreading rate	5,6 m^2/kg (at 80 µm dry coat thickness)
Application:	brushing, spraying, roller coating
Hardening:	S 7300 (100:17 by weight, 4,2:1 volume)
Pot life:	approx. 8 h at 20 ˚C
Thinning:	Roko S 6300
Cleaning:	Roko C 6300 or Rokopox ředidlo RK 031
Drying:	Degree 1 – dust-free: 1 h at 20 °C
	Degree 4 - dry to handle 20 h at 20 °C
Packing:	12 kg and 24 kg barrels

Standard paint application for steel structure:

- primary surface treatment – cleaning, degreasing, if necessary blasting-cleanliness Sa 2,5 (accord.ISO 8501-1)
- 1-2x crosswise priming coat with Rokoprim EP S 2300 (optimum thickness of one paint coat: 40-80 µm, recoating intervals have to be 24 h)
- 1-2x enamel Rokopur Email RK 400 (the optimum dry coat thicknes of one layer is 50 µm, recoating intervals have to be min. 4 - 6 h)

Application for galvanized - non-oxidised steel

-when applied to the new galvanized non - oxidised steel - it is necessary apply the first layer in a very thin thickness (around 8-15 µm) (the first very thin layer reacts with the residues of zinc after galvanisation procedure) and after application of the very thin layer after about 15-20 min. it is possible to apply next full layer. In the event that the above mentioned process will not follow, it is possible bubbles or other defects.

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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. In addition to that, see our Terms of trade.
Safety data sheets in accordance with 91/155/EWG on request.