

Data sheet



ROKOZINK EP S 2399

Characteristics:

Dispersion of pigments and fillers in a solution of an epoxy resin in organic solvents with additives and zinc powder.

Application:

Two-component epoxy primer paint Rokozink EP S 2399 provides the best corrosion protection in highly corrosive environments, Its high zinc content provides cathodic protection on steel surfaces (referred to as cold zinc-plating). It is used mostly as a primer for epoxy, polyurethane and acrylic-urethane topcoats.

The main areas of application are steel bridges, steel products and structures designated for highly corrosive environments and equipment.

Technical data:

Dry film properties:

Shade 0109 – grey
Gloss degree flat
Crosshatch adhesion GT 0-1 acc. to (CSN ISO 2409)

Paint without cure (A) :

Viscosity delivered thixotropic
Total solids min.85 by weight %
Density 1,9 g/cm³
Inflammation point >23 °C
Shelf life 6 months in closed can
at +5 up to +30 °C

Paint with cure (A+B):

Total solids min.81,5 by weight %
Volume solids 67 %
Density 1,81 g/cm³
TOC content in gC/1 kg 179 gC/1 kg
VOC content in g/kg 209 g / kg
TOC content in 1 micr.d.c..t. 0,48 gC/micr.d.c.t/m²
TOC content in 80 micr.d.c..t. 38,7 gC/m²
Theoretical Spreading rate 4.6 m²/kg (at 80 µm dry coat thickness)

Application: brushing and spraying coating

Hardening: Rokohardener S 7300 (100 : 11 by weight, or 4,8:1 by volume)

Pot life: approx. 8 h at 20 °C,

Thinning: S 6300 or Rokopox ředidlo RK031 thinner

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

Packaging: containers 22,7 kg

Standard paint application:

- primary surface treatment – cleaning, degreasing and blasting to the surface cleanliness Sa 2.5 (ISO 8501-1). Roughness BN 9a acc. to Rugotest no. 3

- 1x crosswise priming coat with Rokozink EP S 2399 (optimum coat thickness: 50-80 µm, max. thickness of dry paint in 1 layer is 160 µm,optimum recoating interval should be for 12 h at 20 °C)

- 1x crosswise intercoat with Rokoprim EP S 2312/0110 (optimum coat thickness: 50-80 µm, optimum recoating interval has to be 24 h at 20 °C)

- 1x top coat with Rokopur Email RK 401(optimum coat thickness 50 – 80 µm)

Sheet 1 (total 1)	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- 21.12.2014/22.12.2014
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Note:

ROKOZINK EP S 2399 need to be stirred continuously during its application to prevent of sedimentation of zinc dust !
Application of ROKOZINK EP S 2399 by roller coating is prohibited !

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 1)	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- 21.12.2014/22.12.2014
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