



# ROKOEMAIL EP S 2321

## Characteristics:

Dispersion of pigments and extenders in a solution of an epoxy resin in organic solvents with additives.

## Field of application:

Two-component epoxy topcoat EP S 2321 is designed for top coatings of metals, concrete, masonry and plastics. Completely hardened, it is extremely resistant to chemicals, oils and moisture as well. In combination with other epoxy paints - primer and intercoat - provides the best corrosion protection. The paint Rokoemail EP S 2321 is certified for indirect contact with food.

Weather - induced chalking

## Technical data:

Shade	RAL, acc. to customer's request
Gloss degree	gloss
Coverage level	1-2

## Paint without cure (A) :

Viscosity delivered	thixotropic (F4/20°C acc. to ČSN 673013)
Total solids	min. 65-75 % (by weight) – acc. to color shade
Density	1,42 g/cm <sup>3</sup>
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. 65,7 % by weight, (acc. to shade)
Volume shrinkage	54,9 %
Density	1,33 g/cm <sup>3</sup>
TOC content in gC/1 kg	277,6 gC/1 kg
VOC content in g/1kg	331,1 g / kg

TOC content in 1 µm.d.c..t.	0,8 gC/µm.d.c.t/m <sup>2</sup>
TOC content in 50 µm.d.c..t.	40 gC/m <sup>2</sup>
Theoretical Spreading rate	8,2 m <sup>2</sup> /kg (at 50 µm dry coat thickness)

**Application:** brushing, spraying, roller coating

**Hardening:** Rokohardener S 7300 ( 100: 27 by weight, or approx.2,6:1 by volume)

*Note :mixing ratio by volume is stated approximately only, due to different densities of color shades*

**Pot life:** approx. 8 h at 20 °C

**Thinning:** S 6300 thinner, or Rokopox ředidlo RK 031 thinner

**Drying:**

degree 1 – dust-free:	2 h	at 20 °C
degree 4 – dry to handle	24 h	at 20 °C

## Standard paint application:

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

- 1-2x crosswise priming coat with Rokoprim EP S 2300 (optimum coat thickness: 50-80 µm of 1 layer, recoating interval has to be 24 h at 23 °C

- 1-2x top coat with Rokoemail EP S 2321 (optimum coat thickness of one layer is 50-80 µm, recoating interval has to be min. 4-6 h at 20 °C)

Note:

Spraying application of metallic colors (for example RAL 9006, 9007) must follow the same application conditions (thickness, dilution, pressure, type of nozzle, etc.). Any deviation from the standard application method causes a change and appearance of color shade.

Application by roller painting, or by brushing is not suitable for these color shades.

Sheet 1 (Total 1)	Rokospol a.s., factory Kaňovice č. 101, 76341, tel. – 577 110 132-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, <a href="http://www.rokospol.cz">http://www.rokospol.cz</a>	Update: FB,JP21.12.2012/22.12.2014
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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.

Sheet 2 (Total 1)	Rokospol a.s., factory Kaňovice č. 101, 76341, tel. – 577 110 132-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, <a href="http://www.rokospol.cz">http://www.rokospol.cz</a>	Update: FB,JP21.12.2012/22.12.2014
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