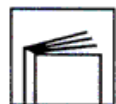


**- product name :** ISOPOL ZON

**Product is compliant with directive 2004/42/EC**



car refinish  
see note 1  
2004/42  
IIBe(840)580

**pictogram legend**

2004/42 Reference to EC Directive  
II... Annex, Table and Sub-category of product  
(000) Limit value of VOC with reference to the product sub-category  
000 Maximum VOC content in product ready for use

**IT CAN BE PRODUCED IN TINTING SYSTEM :**

**BINDER VZON 80**

**BPN 20**

**- general features**

Two-component polyurethane enamel based on modified polyester resins with matt appearance.  
Excellent weather resistance and stability to light if catalized with aliphatic isocyanate.  
Very good resistance to scratching.  
Painting film is hard, elastic and water-proof.

**- use**

ISOPOL enamels, because of their polyurethane nature, are suitable as anti-corrosive for high-quality painting mostly in the industrial sector and steel work in general.

**- recommended cycles**

Apply one or two coats of ISOPOL ZON on epoxy-, epoxy vinyl and acrylic-polyurethane primers or intermediate coats, in compliance with overcoating times. During application and polymerisation, it is advisable to work with ambient temperatures not lower than + 15°C and relative humidity not higher than 85%, with a temperature of the structure at least 3°C above dew point, in order to prevent blooming and irregular matting.

**- application and thinning method**

spray : 10 - 15% with X 4 (polyurethane)

airless : 5 - 10% with X 4 (polyurethane)

**- technical and supply data**

**specific weight min. 1.330 g/l - max. 1.480 g/l**

**note 1: 10% thinning with X4 - catalyse with QA 2028**

**solid content : by wgt = min. 58,0 % - max. 64,0 %**  
**by vol. = min. 57,0 % - max. 63,0 %**

**viscosity DIN 4/25°C : min. 100" - max. 120"**

**film appearance :** matt 15 - 25 gloss

**colour :** on demand all the dyes of the "EUROMIX" system

**product type :** two-component

**catalysis ratio :** by wgt by volume

ZON	100	100
QA 2028	25	refer to our technical office
ZON	100	100
winter QA2009	25	refer to our technical office
ZON	100	100
QA2045 extra quick	25	refer to our technical office

**pot-life at 25°C :** 6 hours

**dry film thickness :** 40 - 50 microns

**theoretical coverage :** min. 8.0 m<sup>2</sup>/l - max. 11.0 m<sup>2</sup>/l

**drying at 25°C :**

dust free : 10 - 20'

touch free : 2 - 4 hours

depth : 18 - 24 hours

polymerised : about 7 days

**baking :** 1 h at 80°C

**overcoating time :**

min. 30 minutes - max. within 6 - 8 hours

**- product name :** ISOPOL ZON

**temperature resistance :** 100°C

**shelf life :** 24 months at + 5/35°C

**- recommended cycles**

<b>a) 3-product cycle on ferrous structures in anti-corrosion</b>	
1 pre-treatment	: sanding grade SA 2,5/3
2 one coat of	: ZINCLAX PA 2 thickness 60/70 μ
3 one coat of	: EPOVIN UV thickness 80/100 μ
4 one or two coats	: ISOPOL ZON thickness 40/50 μ
<b>b) 2-product cycle on ferrous structures in anti-corrosion</b>	
1 pre-treatment	: sanding grade SA 2/2.5
2 one coat of	: EPOZINC PZ thickness 70/80 μ
3 one coat of	: ISOPOL ZON thickness 40/50 μ
<b>c) 2-product cycle on zinc plated surfaces</b>	
1 pre-treatment of the structure	: light sanding or pickling with suitable aggressive solutions
2 one coat of	: EPOZINC PZ+Q120N D.F.T. 20/30μm
3 one coat of	: ISOPOL ZON thickness 40/50 μ

**- tests carried out :**

<b>aging resistance pursuant to ASTM 53 – 77 standard</b>	
	<b>duration of exposure = 300 hours</b>
cycle a)	no loss of tint or shine
cycle b)	no loss of tint or shine

The information given in this technical data sheet is based on present scientific and technical knowledge and thus does not exempt the customer from testing the suitability of our products for their intended purposes.