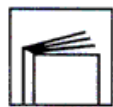


- product name : ISOPOL ZON

Product is compliant with directive 2004/42/EC



car refinish
see note 1
2004/42
II Be(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 **ANTI-SCRATCH** enamel based on modified polyester resins with matt appearance. Excellent weather resistance and stability to light. Very good resistance to scratching.

- use

ISOPOL **ZON** enamels, due to 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 acryl-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 %

film appearance : matt 15 - 25 gloss

colour : on demand

product type : two-component

catalysis ratio : by wgt by volume

ZON	100	100
QA 2028	25	refer to our technical office
ZON	100	100
fast QA2009 - slow QA 2029	25	refer to our technical office
ZON	100	100
QA2045 extra fast	25	refer to our technical office

pot-life at 25°C : 5 hours

dry film thickness : 40 - 50 microns

theoretical coverage : min. 8.0 m²/l - max. 11.0 m²/l

drying at 25°C :

dust free : 10 - 20'
touch free : 2 - 3 hours
depth : 16 - 20 hours
polymerised : about 7 days

baking : 1 h at 80°C

overcoating time :

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

temperature resistance : 100°C

shelf life : 24 months at + 5/35°C

- recommended cycles

a) 3-product cycle on ferrous structures in anti-corrosion	
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) 2-product cycle on ferrous structures in anti-corrosion	
1 pre-treatment	: sanding grade SA 2/2.5
2 one coat of	: EPOZINC PZM thickness 70/80 µ
3 one coat of	: ISOPOL ZON thickness 40/50 µ
c) 2-product cycle on zinc plated surfaces	
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 :

aging resistance pursuant to ASTM 53 – 77 standard	
	duration of exposure = 300 hours
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.