


- product name : ISOPOL ZMANO

Product is compliant with directive 2004/42/EC	
	car refinish see note 1 2004/42 IIAj(500)500

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

VZMANO BINDER65 white and white-derivec 70 coloured
BPN 35 30

- general features

Two-component polyurethane enamel, based on modified polyester resins. Excellent resistance to weather, stability to light.

Very good resistance to scratching.

Painting film is matt, hard, elastic and water-proof.

It can be overcoated with ISOPOL ZMANO without limit.

Very easy application both by spraying, by roller and by brush.

- use

ISOPOL ZMANO, due of its polyurethane nature, is suitable for any kind of high-quality painting, since it has a good chemical-physical resistance and excellent optical features.

Applicable on all structures that require periodical maintenance, such as bridges, overpasses, etc.

- recommended cycles

Apply one or two coats of ISOPOL ZMANO on epoxy, epoxy vinyl, acrylic-polyurethane primers and intermediate coats, in compliance with overcoating times.

Anti-corrosion painting of metal structures	
1 pre-treatment	sanding grade SA 2,5
2 one coat of	ZINCLAX PA 2 thickness 60/70 µm
3 one coat of	EPOVIN UV thickness 80/100 µm
4 one or two coats	ISOPOL ZMANO thickness 50/60

- application and thinning method

brush-roller : 5 -10% with X36 (polyurethane)
spray : 10 -15% with X4 (polyurethane)
airless : 0 -5% with X4 (polyurethane)

note 1: 0 - 5% thinning with X4 - catalyse with QA 2065

- technical and supply data

specific weight : min. : 1.270 g/l - max. : 1.500 g/l

solid content : by weight : min. 64,0 % - max. 75,0 %
by volume : min. 49,5 % - max. 56,5 %

film appearance : matt 20 - 30 gloss

colour : on demand

product type : two-component

catalysis ratio :	by wgt	by volume
ZMAN	100	100
QA2065	15	refer to our technical office

pot-life at 25°C : 5 hours

dry film thickness : 40 - 50 microns

theoretical coverage : min. 9,5 m²/l - max. 13,5 m²/l

drying at 25°C :

dust free : 15 - 20 minutes

touch free : 3 - 4 hours

depth : 18 - 20 hours

polymerised : about 7 days

baking : 60 minutes at 80°C

overcoating time :

min. after 6 hours - max. unlimited

temperature resistance : 80°C

shelf life : 24 months at + 5/35°C

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.