technical data sheet

revision date : 30/07/2020

- product name : ISOPOL ZMAN

Product is compliant with directive 2004/42/EC

car refinish
see note 1
2004/42
IIBe(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

VZMAN BINDER 65
BPN 35

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

- 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 glossy, hard, elastic and water-proof.
It can be overcoated with ISOPOL ZMAN without limit.
Very easy application both by spraying, by roller and by brush.

- use

ISOPOL ZMAN, 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 manteinance, such as bridges, overpasses, etc.

- recommended cycles

Apply one or two coats of ISOPOL ZMAN 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 ZMAN** thickness 50/60 µm

- application and thinning method

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

- technical and supply data

specific weight : min. : 1.200 g/l - max. : 1.390 g/l

solid content : by weight : min. 60,0 % - max. 73,0 %
by volume : min. 48,0 % - max. 58,0 %

viscosity DIN 4/25°C : min. 120" max. 150"

film appearance : glossy

colour : on demand

product type : two-component

catalysis ratio :

	by wgt	by volume
ZMAN	100	100
QA2065	20	refer to our technical office

pot-life at 25°C : 5 hours

dry film thickness : 40 - 50 microns

theoretical coverage : min. 9 m²/l - max. 11 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

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