



- product name : EPOZINC PZM

Product is compliant with directive 2004/42/EC	
	car refinish see note 1 2004/42 IIBc(540)480
	building sector see note 1 2004/42 IIAi(500)480

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

VPZM BINDER 90
BPN 10

- general features

Two-component epoxy-polyamide anti-rust product based on atoxic anti-corrosive pigments free of heavy metals such as chrome and lead.

Good thickness of layer. Good weather resistance.

Excellent adhesion on iron, zinc plated sheet, alluminum and light alloys.

- use

Anti-corrosion adhesion primer ensuring uniform finish thanks to its very good flow and low absorption. Its special formula makes it excellent for application on large structures, ensuring very good smoke absorption.

Thanks to the anti-corrosive pigments it is used for anti-corrosion cycles whenever an excellent optical aspect of top finishing is requested. It is suitable for wet on wet applications with acrylic or polyurethane finishing coats.

For application on alluminum, light alloys and zinc plated sheets use hardener Q120N

- recommended cycles

Apply one or more coats of EPOZINC PZM on pre-treated structure before final application of epoxy, polyurethane or acrylic enamels, in compliance with overcoating times.

In wet on wet cycles wait at least 1h at 25°C (Q118) before overcoating.

During application and polymerisation, the temperature must not go below 15°C and relative humidity must not be higher than 85%, and the structure must be at least 3°C above dew point.

Using Q110, the product can be applied at temperatures between + 5 and + 15°C.

- application and thinning method

	primer(70-80µm)	adhesion coat on alloys (20-30µm)
spray :	5 – 15% with X 5 (epoxy)	20 – 30% with X 5
airless :	0 – 5% with X 5	10 – 15% with X 5

- technical and supply data

specific weight : min. : 1,820 g/l - max. : 1,950 g/l

note 1: 10% thinning with X 5 - catalyse with Q 118

solid content : by weight : min. 82,0 % - max. 86,0 %
by volume : min. 64,0 % - max. 70,0 %

film appearance : matt

colour : on demand

avbl on stock RAL7035/PZM 349
see below the specific supply details

product type: Two-component

catalysis ratio :	by wgt	by volume
	PZM	100
Q118 or Q110 (winter)	20	refer to our technical office
PZM	100	100
Q120N light alloys	20	refer to our technical office
PZM	100	100
Q107 high chem. resistance	20	refer to our technical office

pot-life at 25°C : 6 hours

typical thkns :	70-80 microns	typical thickness as adhesion coat on alu, zinc plated sheet,
	20-30 microns	



theoretical coverage : min. 7 m²/l - max. 8 m²/l

drying at 25°C :

dust free : 15 - 20 minutes
touch free : 60 - 80 minutes
depth : 4 - 5 hours
polymerised : about 7 days

baking : 40 minutes at 60 - 70°C

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	car refinish see note 1 2004/42 IIBe(840)550		building sector see note 2 2004/42 IIAi(500)500

pictogram legend	
2004/42	Reference to EC Directive
IIBe	Annex, Table and Sub-category of product
(840)	Limit value of VOC with reference to the product sub-category
550	Maximum VOC content in product ready for use

temperature resistance: 90 °C

overcoating time :

min. wet on wet - max. 24 - 48 hours

shelf life : 24 months at + 5/35 °C

2-product cycle on ferrous structures in anti-corrosion	
1 pre-treatment	sandblasting grade SA 2 ^{1/2}
2 one coat of	EPOZINC PZM thickn. 70/80 µm hardener Q118
3 two coats of	ISOPOL Z thickness 80/100 µm

Complies with ISO 12944 C 3 M
Test performed at the external laboratory in July 2017

2-product cycle on ferrous structures in anti-corrosion	
1 pre-treatment	sandblasting grade SA 2 ^{1/2}
2 one coat of	EPOZINC PZM thickn. 70/80 µm hardener Q107
3 two coats of	ISOPOL ZT thickness 120/140 µm

Complies with ISO 12944 C 3 H
Test performed at the external laboratory in July 2017

	specific weight	solid content		theor. coverage
		weight	volume	
PZM349	1900±20 g/l	83,9	66,1	6,5 - 8,3 m ² /l

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.