

- product name : ZINCLAX PA 2

- general features

Two-component epoxy organic galvanizer with high content of chemically pure metallic zinc, even particle size distribution. Good application and uniform finish. This product provides the structure with electrochemical protection, held to be the most effective.

- use

This is suitable – after sanding (Sa 2 ½ grade) – for painting industrial structures subject to strong chemical aggression in areas with high levels of pollutants such as in naval structures and storage tanks. It is suitable for protection of metallic structures in general.

- recommended cycles

a) Apply one coat of ZINCLAX PA 2. Overcoat, within the recommended time, epoxy or epoxy vinyl intermediate coats, while awaiting final application with epoxy, epoxy vinyl, polyurethane etc. top coats.
b) Apply one coat of ZINCLAX PA 2. Direct overcoating with epoxy, epoxy vinyl, polyurethane etc. top coats, within the recommended time. Application and polymerisation at temperature 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. With hardener Q110, the application is possible at temperature between +5°C and 15°C.

- application and thinning method

brush : 10 – 15% with X 5 (epoxy)
roller : 10 – 15% with X 5 (epoxy)
spray : 20 – 25% with X 5 (epoxy)
airless : 10 – 20% with X 5 (epoxy)

application cycle 1-on ferrous structures in anti-corrosion	
1 pre-treatment	sanding grade SA 2 1/2 - 3
2 one coat of	ZINCLAX PA 2 thickness 60/70 µm
3 one or two coats	EPOVIN UV thickness 130/150 µm
4 one or two coats	ISOPOL Z thickness 40/50 µm

Cycle 1: Complies with **ISO 12944 C-5I M**
Test performed at the external laboratory in July 2017

solid content : by weight : min. 86,2 % - max. 87,0 %
by volume : min. 55,0 % - max. 57,0 %

specific weight : min. : 2,350 g/l - max. : 2.500 g/l

film appearance : matt metal **colour :** grey

product type : two-component

catalysis ratio :

	by weight	by volume
PA 2	100	please contact the technical service
Q118 standard	10	
PA 2	100	
Q 110 winter	10	

pot-life at 25°C : 6 hours

dry film thickness : 60 - 70 microns

theoretical coverage : min. 5 m²/l - max. 7 m²/l

drying at 25°C :

dust free : 10 - 15 minutes
touch free : 1 - 2 hours
depth : 16 - 18 hours
polymerised : about 7 days

baking : 40 minutes at 80°C

overcoating time :

min. after 20 - 30 minutes - max. 48 hours

temperature resistance: 90°C

shelf life : 6 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.