

Zinc flake paint: ZN-CP301

2K-EP zinc-flake anti-corrosion coating

Properties

ZN-CP301 has been developed as epoxy-resin based two-component coating system for protection of e.g. iron and steel surfaces for indoor and outdoor applications.

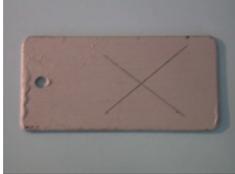
Applied as primer ZN-CP301 provides high corrosion resistance against rust and therefore an excellent protection.

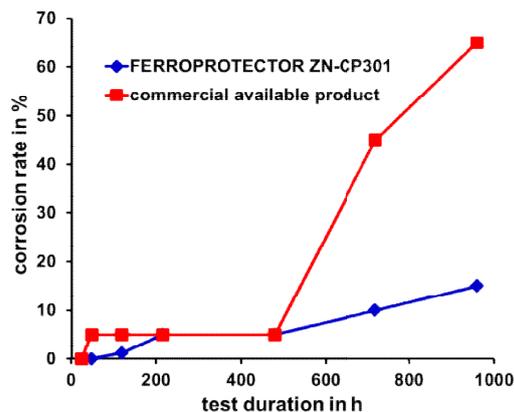
ZN-CP301 is conform to standards:

- DIN EN ISO 9227:2006
(salt spray test, Gt 1 after 10 weeks)
- DIN EN ISO 6270-2
(condensation clima test, Gt 0 after 10 weeks)
- DIN EN ISO 2812-2
(water storage, Gt 1 after 9 weeks)



Product comparison after salt spray test

ZN-CP301		commercial available product	
			
coating	after salt spray test	coating	after salt spray test



corrosion test: ZN-CP301 significant higher anti-corrosive properties than commercial available product

Fields of Application

ZN-CP301 is suitable for coating applications like painting, brushing or dipping (thinning with suitable solvents necessary), after cleaning and degreasing of the surfaces.

ZN-CP 301 provides

- good workability
- excellent corrosion resistance
- good shelf life
- temperature stability up to 60°C

technical data subject to alterations

Technical data		
base	epoxy-resin , 2K-system	
colour	silver grey (dull)	(black as well possible)
ratio of components	10:1 (primer: hardener)	
tap density	1,52 g/cm ³	
theoretical coverage [1mil DFT]	>3000 sq. ft. / gal.	>70m ² /l
flash point	100°F	40°C
zinc content [w%]	75 %	
drying time	30 min (touch)	2 h (handling)
thinner (recommended)	Xylene, acetone	

Surface preparation

All surfaces have to be free from grease, dust, moisture and other impurities; therefore a carefully cleaning is necessary. Roughen the surface after cleaning would be optimal.

Pre-treat the surface with ZN-CP301. For obtaining optimal anti-corrosive properties it is recommended to brush the surface twice.

Prime coat: paint 1-2 times with primer and afterwards roughen the surface.

Finish: over coat 1-2 times with finishing coat.

Packaging

- 0,25kg
- 0,5 kg
- 1 kg
- 2,5 kg
- 10 kg

others upon inquiry

Shelf life

Primer: 6 months, hardener: 1 year
(in original unopened containers from +5 to +35°C and dry storage)



Labelling

Primer	Hardener
	

Safety Precautions

- wear protective gloves/protective clothing/eye protection/face protection
- room ventilation is required
- product contains highly flammable substances
- keep away from heat/sparks/open flames/hot surfaces – No smoking
- if eye irritation persists: rinse eye immediately with water for minutes and get medical advice/attention

technical data subject to alterations