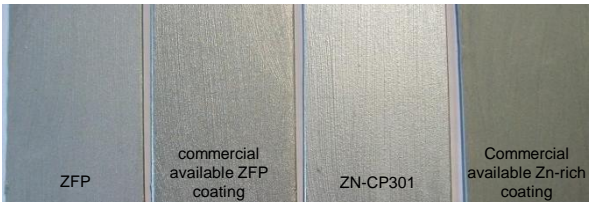
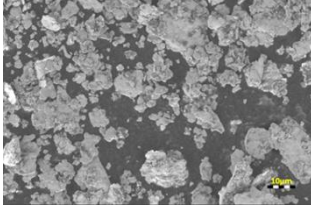
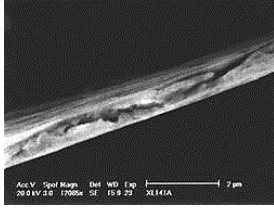


High Performance Zinc Flake Paint: ZN-CP301 - 2K-EP zinc flake anti-corrosion coating -

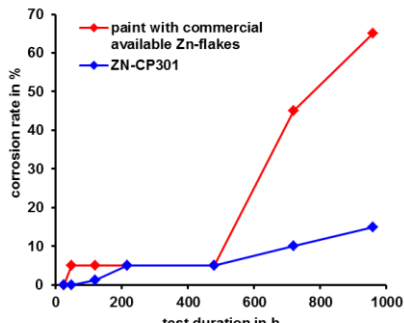


ZN-CP301 is an anti-corrosion zinc flake paint containing cost-effective high performance stir-in zinc flake pigments (ZFP) obtained by high kinetic processing (HKP). ZN-CP301 is suitable for coating applications like painting, brushing or dipping (thinning with suitable solvents necessary), after cleaning and degreasing of the surfaces.

surface quality of ZN-CP301	shelf life
	<ul style="list-style-type: none">• primer: 6 months• hardener: 1 year <p>(original unopened from 5 to 35°C and dry storage)</p>
HKP-ZFP – good flake formation	
 	
ZN-CP301 - properties	
<ul style="list-style-type: none">• good workability• excellent corrosion resistance• good shelf life• temperature stability up to 60°C	

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/cm³
zinc content [w%]	75 %
drying time	30 min (touch) 2 h (handling)
thinner (recommended)	Xylene, acetone

ZN-CP301 - corrosion resistance after salt spray test			
ZN-CP301		commercial available product	
			

ZN-CP301 - conform to standards	packaging
<ul style="list-style-type: none">• 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)	<ul style="list-style-type: none">• 0.75 litres• 2.5 litres• others upon inquiry

ZN-CP301 - significant higher anti-corrosive	100% ready-to-market																								
 <table><caption>Corrosion Rate Data (Estimated from Graph)</caption><tr><th>Test Duration (h)</th><th>Paint with commercial available Zn-flakes (%)</th><th>ZN-CP301 (%)</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>100</td><td>5</td><td>2</td></tr><tr><td>200</td><td>5</td><td>5</td></tr><tr><td>400</td><td>5</td><td>5</td></tr><tr><td>600</td><td>45</td><td>10</td></tr><tr><td>800</td><td>65</td><td>15</td></tr><tr><td>1000</td><td>65</td><td>15</td></tr></table>	Test Duration (h)	Paint with commercial available Zn-flakes (%)	ZN-CP301 (%)	0	0	0	100	5	2	200	5	5	400	5	5	600	45	10	800	65	15	1000	65	15	  <p>high percentage zinc pigment superlative corrosion resistance high ratio in surface-area:weight cost-competitive air-dry finish</p>
Test Duration (h)	Paint with commercial available Zn-flakes (%)	ZN-CP301 (%)																							
0	0	0																							
100	5	2																							
200	5	5																							
400	5	5																							
600	45	10																							
800	65	15																							
1000	65	15																							

implementation on an industrial scale for
conventional corrosion protection, for steel and other metals and for standard demands (e.g. Fasteners) containing cost-effective and solvent-free producible zinc flake pigments with high anti-corrosive properties