

Zinc-free anti-corrosive pigment for water-borne resin systems

K-WHITE ZF150W

1. Pigment properties (typical analysis values)

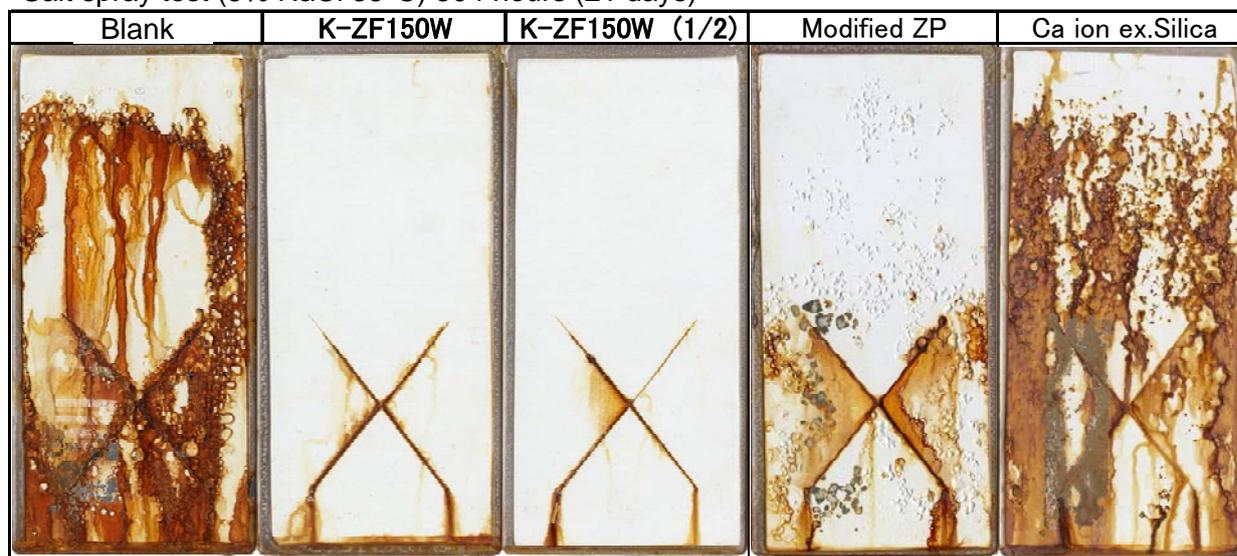
pH	9.5	Residue (45 micrometers)	0.01%
Moisture	2.2%	Oil absorption	39 ml/100g
Matter soluble in water	0.7%	Specific gravity	2.5

2. Test results

- Waterborne Acrylated Veo Va Dispersion / mild steel panel -

Having conducted a coating test using waterborne acrylated Veo Va dispersion, K-WHITE ZF150W was confirmed to have superior anti-corrosive properties on cold-rolled panel.

Salt spray test (5% NaCl 35°C) 504 hours (21 days)



* Coating prepared with Synthomer (UK) Revacryl DP5530

○ Coating conditions

Anti-corrosive pigment:	11wt% in coating film
Drying:	A week at room temp.
Film thickness:	55 μm
Substrate:	Cold-rolled steel panel (SPCC-SB)