

Anti-corrosive pigment

for non-ferrous metals / Coil coating systems

K-WHITE G110

1. Pigment properties (typical analysis values)

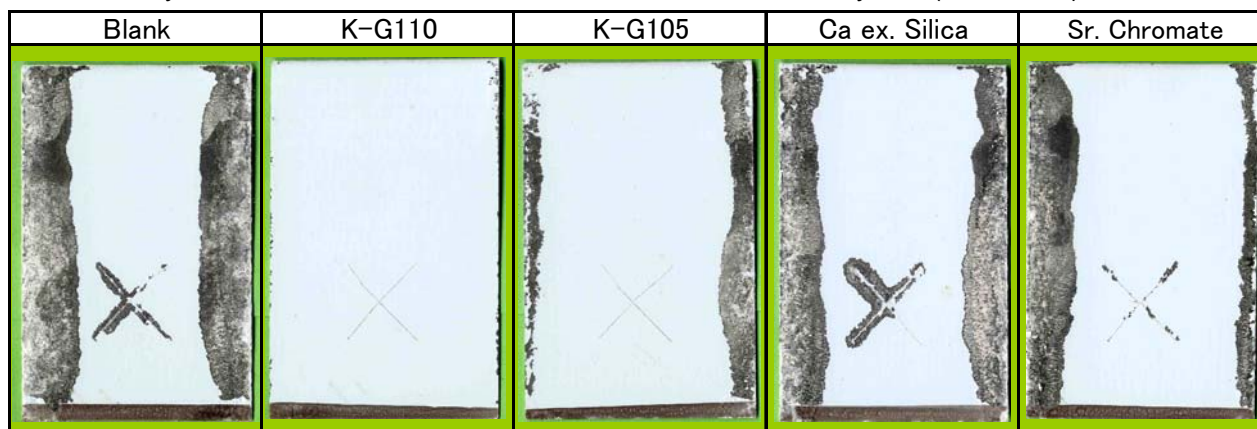
pH	9.5	Residue (45 micrometers)	0.2%
Moisture	1.0%	Oil absorption	38 ml/100g
Matter soluble in water	1.2%	Specific gravity	2.9

2. Test results

- Polyester/ polyester Coil coating systems/ 55% Al-Zn alloy-coated steel panel (GL) -

Evaluation of K-WHITE G110 on a polyester system/ 55% Al-Zn alloy-coated steel panel in a Combined Cyclic corrosion test showed better results than for other companies' chrome-free anti-corrosive pigments and strontium chromate.

Combined cyclic corrosion test: JASO M609-91/ JIS H8502 100 cycles (800 hours)



○ Coating conditions

Anti-corrosive pigment:	30wt% in coating film
Baking:	210°C (PMT) 60 sec.
Film thickness:	Primer 5 μm Top 15 μm
Substrate:	55% Al-Zn alloy-coated steel (GL: Galvalume ,Al-Zn 150 g/ m2 Cr-Free pretreatment, 0.6 mm thick)