TECHNICAL DATA SHEET

Wayncor® 226 – Corrosion Inhibitive Pigment.

Description – Calcium Zinc Strontium Phosphosilicate

Wayncor® 226 is a premium multi-component corrosion inhibitor pigment that comprises distinctly different inhibitive species to provide a high degree of corrosion protection on ferrous substrates. Although versatile it is highly recommended for water based acrylic primers where a high degree of corrosion resistance is required. Typical use level is between 3 – 7% total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Zinc as ZnO [%]		41 - 43
Phosphate as P_2O_5 [%]		14 - 16
Silicate as SiO_2 [%]		17 - 19
Calcium as CaO [%]		16 - 18
Strontium as SrO [%]		3 - 5
Organic Additive [%]		0.5
Specific Gravity	ASTM D-153	2.90
Bulking Value [gal/lb] [l/kg]		0.041 0.345
pH	ASTM D-1208	6.5 - 8.0
Conductivity [micro Siemens]	ASTM D-2448	< 500
Moisture at 110ºC [%]	ASTM D-280	< 7.0
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	22 - 30 22 - 30
Apparent Bulk Density, Tapped [g/100 cm^3]	ASTM D-4164	50 - 85
Fineness of Grind [Hegman Value]	ASTM D-1210	6.0 Min.
Mean Particle Size [microns]	Malvern Mastersizer	6.5
Lead as Pb [ppm]	by Atomic Absorption	< 5.0
Cadmium as Cd [ppm]	by Atomic Absorption	< 1.0
Chromium as Cr [ppm]	by Atomic Absorption	< 0.50

Suggested Applications
Acrylics and Modified Acrylics
Alkyds
Epoxies - Solvent and Water
Urethanes

Performance in other systems has not been fully evaluated.

These are typical values and do not represent specifications

The information made herein is based upon our research and the research of others, and is believed to be accurate. No guarantee of accuracy is made and the product discussed is sold without warrant, expressed or implied and upon the condition the purchaser shall make their own tests to determine the suitability of such product for their particular purposes.