



TECHNICAL DATA

HALOX[®] Z-PLEX 750

Inorganic Corrosion Inhibitor

Chemical Description

Inorganic/Organic Phosphosilicate

Product Description

HALOX[®] Z-PLEX 750 is an inorganic and organic hybrid corrosion inhibitor primarily designed for coatings and primers on metal surfaces. HALOX[®] Z-PLEX 750 is specifically designed for use in a variety of solvent-borne or water-borne applications to cost-effectively provide the traditional function of an inorganic corrosion inhibitor with the benefits of an organic corrosion inhibitor.

Product Advantages

- Excellent passivation
- Improved wet adhesion
- Outstanding blister resistance
- Enhanced barrier properties

Application*

Recommended loading levels range from 3-7% based on total formulation weight for water and solvent-borne coatings. However, the amount of HALOX[®] Z-PLEX 750 required for optimum performance should be determined in trials over the recommended concentration range.

Typical Properties

These are typical values and do not represent product specifications:

pH (10% solution by wt)	7.2
Oil Absorption (lbs/100 lbs)	27
Density (g/ml)	3.0
Mean Particle Size (microns)	5.0
Total Zinc Compounds (%)	20

*Water Reducible Acrylic Alkyd after 400 Hours of Salt Spray
(Bonderite 1000 - 2.5 mils (62.5 microns) - 5% TFW)*



Zinc Phosphate



HALOX[®] Z-PLEX 750



Modified Zinc Phosphate

(Cross hatch adhesion performed immediately after extraction from test cabinet)

Our Manufacturing Systems are ISO 9001 and ISO 14001 Certified

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