

®

# HALOX® ~~A50~~ ~~PF~~ Corrosion Inhibitor

2K High Solid Epoxy/Polyamide Primer  
Salt Spray - 100 Hours - Matte CRS - 2 mils (50 Microns) - % T.F.W.



7%  
HALOX® ~~A50~~ ~~PF~~



7% Modified Zinc Aluminum  
Molybdenum Phosphate

10.5% Activated  
Zinc Phosphate

7% Modified  
Zinc Phospho-Silicate



# FORMULATION

## 2K High Solids Epoxy Primer using HALOX® Z-PLEX 750 (Epon 828 with Ancamide 2445 Curing Agent)

		<u>LBS.</u>	<u>GALS.</u>
<b>Component A</b>			
Epon 828	[1]	222.88	23.02
M-P-A 1078 X	[2]	3.85	0.53
<i>Mix well then add at high speed.</i>			
Ti-Pure R-900	[3]	23.90	0.72
Wollastocoat 10AS	[4]	352.83	14.58
Xylene	[5]	81.86	11.27
<b>Component B</b>			
Ancamide 2445	[6]	187.23	21.78
Beetle 216-8	[7]	14.22	1.67
<i>Mix well then add at high speed.</i>			
Bayferrox 180M	[8]	57.18	1.40
Beaverwhite 325	[9]	92.23	4.09
HALOX® Z-PLEX 750	[10]	90.26	3.63
Wollastocoat 10AS	[4]	44.15	1.82
Aromatic 100	[11]	84.83	11.68
Diacetone Alcohol	[1]	29.82	3.80
<b>TOTAL</b>		<u>1,285.23</u>	<u>100.00</u>

### FORMULA CONSTANTS

Density (lb./gal.)	12.85
Density (g/L)	1540.22
% Pigment/Wt.	51.39
% Pigment/Vol.	26.24
% Solids/Wt.	84.08
% Solids/Vol.	72.09
% PVC	36.40
VOC (lbs./gal.)	2.05
VOC (g/L)	245.26

### FORMULA PROPERTIES

Viscosity -Stormer	95-100 KU @ 25°C
Mix Ratio	1-1 by Volume
Pot Life	6 hours
Dry to Touch	5 hours

### SUPPLIER KEY

- [1] HEXION
- [2] Elementis Specialties, Inc.
- [3] DuPont Chemicals
- [4] Nyco Minerals, Inc.
- [5] Ashland Chemical Company
- [6] Air Products
- [7] CYTEC
- [8] Bayer Corporation
- [9] Luzenac
- [10] HALOX®
- [11] Exxon Mobil Chemical

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