



# FORMULATION

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

		<u>%WT./WT.</u>	<u>CLASS</u>	<u>FORMULA CONSTANTS</u>
<b>Component A</b>				Density (g/L) 1542.47
Epon 828	[1]	17.34	Resin	% Pigment/Wt. 51.39
M-P-A 1078 X	[2]	0.30	Thickener	% Pigment/Vol. 26.13
Ti-Pure R-900	[3]	1.86	Ti Dioxide	% Solids/Wt. 84.08
Wollastocoat 10AS	[4]	27.45	Pigment	% Solids/Vol. 72.05
Xylene	[5]	6.37	Solvent	% PVC 52.24
<i>Disperse to a fineness of 20-25 microns.</i>				VOC g/L 245.61
<b>Component B</b>				
Ancamide 2445	[6]	14.57	Curing Agent	
Beetle 216-8	[7]	1.11	Resin	
<i>Mix well then add at high speed.</i>				
Bayferrox 180M	[8]	4.45	Pigment	
Beaverwhite 325	[9]	7.18	Talc	
HALOX® Z-PLEX 750	[10]	7.20	Inhibitor	
Wollastocoat 10AS	[4]	3.43	Pigment	
<i>Disperse to a fineness of 20-25 microns.</i>				
Aromatic 100	[11]	6.60	Solvent	
Diacetone Alcohol	[1]	2.32	Solvent	
<b>TOTAL</b>		<u>100.00</u>		

### FORMULA PROPERTIES

Viscosity -Stormer	95-100 KU @ 25°C
Mix Ratio Part	1-1 by Volume
Induction Time	30 minutes
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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**EP828/2445-HLX ZPLX 750E**

®

# HALOX® ~~A-50~~ ~~PF~~ Corrosion Inhibitor

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



7%  
HALOX® ~~A-50~~ ~~PF~~

7% Modified Zinc Aluminum  
Molybdenum Phosphate

10.5% Activated  
Zinc Phosphate

7% Modified  
Zinc Phospho-Silicate