



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>
Component A					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
Component 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		
TOTAL			100.00		

<u>FORMULA PROPERTIES</u>	
Viscosity -Stormer	95-100 KL @ 25°C
Mix Ratio Part	1-1 by Volume
Induction Time	30 minutes
Pot Life	6 hours
Dry to Touch	5 hours
<u>SUPPLIER KEY</u>	
[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

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- [10] HALOX®
- [11] Exxon Mobil Chemical

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1326 Summer Street, Hammond, Indiana 46319 USA
P: 219.933.1560 E: techservice@halox.com
www.halox.com

EP828/2445-HLX ZPLX 750E



HALOX® Z-PLEX 750 Inorganic Corrosion Inhibitor

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



7%
HALOX® Z-PLEX 750



7% Modified Zinc Aluminum
Molybdenum Phosphate



10.5% Activated
Zinc Phosphate



7% Modified
Zinc Phospho-Silicate