



FORMULATION

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

		<u>LBS.</u>	<u>GALS.</u>
Component A			
Epon 828	[1]	222.88	23.02
M-P-A 1078 X	[2]	3.85	0.53

Mix well then add at high speed.

Ti-Pure R-900	[3]	23.90	0.72
Wollastocoat 10AS	[4]	352.83	14.58
Xylene	[5]	81.86	11.27

Component B			
Ancamide 2445	[6]	187.23	21.78
Beetle 216-8	[7]	14.22	1.67

Mix well then add at high speed.

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

TOTAL		<u>1,285.23</u>	<u>100.00</u>
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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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1326 Summer Street, Hammond, Indiana 46319 USA
P: 219.933.1560 E: techservice@halox.com
www.halox.com

EP828/2445-HLX ZPLX 750

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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