



# Formulation

## 2K High Solids Epoxy Primer using HALOX SW-111

### COMPONENT A:

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
Epon 828	[1]	238.10	285.72
Beetle 216-8	[2]	3.00	3.60
Anti-Terra U	[3]	5.00	6.00
Toluene		83.80	100.56
Butyl Oxitol	[1]	25.00	30.00
Bentone SD-2	[4]	10.20	12.24
Bayferrox 180M	[5]	120.40	144.48
HALOX SW-111		121.30	145.56
Sparmite	[6]	358.60	430.32
Zeeospheres 400	[7]	299.60	359.52
325 Mesh W.G. Mica	[8]	78.50	94.20

High speed disperse to 6+ NS Hegman grind.  
Then add the following whole mixing:

Epon 828	[1]	24.80	29.76
Xylene		2.10	2.52

### COMPONENT B:

Add the following in order listed while mixing:

Epi-Cure 3175	[1]	142.20	170.64
Xylene		17.35	20.82

Mix Ratio:\*      Component A- 80% by volume.  
                          Component B- 20% by volume.

\*To obtain optimum results, allow 20-30 minutes induction time prior to application.

<b>TOTAL</b>		1529.95	1835.94
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### FORMULA CONSTANTS

%Pigment/Wt.	64.62
%Pigment/Vol.	36.78
%Solids/Wt.	91.38
%Solids/Vol.	81.93
%PVC	44.89
VOC lbs./gal.	1.32
VOC g/l	158.11

### FORMULA PROPERTIES

Density lbs./gal.	15.30
Density g/l	1836.00
KU Visc. @ R.T.	95-100
Pot Life	12 hours

### SUPPLIER KEY

- [1] Resolution Performance Products
- [2] Cytec Industries, Inc.
- [3] BYK-Chemie USA Inc.
- [4] RHEOX, Inc.
- [5] Bayer Corp.
- [6] Elementis Pigments Inc.
- [7] Zeeland Industries, Inc.
- [8] KMG Minerals, Inc.

The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use.