



Formulation

Water Base Acrylic Modified Alkyd Primer using HALOX 750

		<u>LBS</u>	<u>GALS</u>
<i>GRIND</i>			
Resydrol AY 466w/38WA	[1]	348.51	40.54
Ammonia Hydroxide (28%)		1.59	0.21
Additol VXW 6206	[1]	6.17	0.68
Water		36.12	4.33
Additol XL 250	[1]	8.17	1.08
Additol VXW 6208	[1]	15.00	1.71
Ti-Pure R-960	[2]	121.88	3.74
Bayferrox 318M	[3]	2.49	0.06
HALOX 750	[4]	57.78	2.32
Minex 7	[5]	151.65	6.96
Nytral 300	[6]	43.31	1.82
Attigel 50	[7]	7.57	0.38
<i>High speed disperse to 5+ NS Hegman grind.</i>			
<i>LETDOWN</i>			
Resydrol AY 466w/38WA	[1]	269.95	31.40
Water		41.52	4.98
Troymax Antiskin B	[8]	1.79	0.23
Arcosolv PM Solvent	[9]	3.09	0.40
Arcosolv DPM	[9]	3.09	0.39
<i>Adjust to desired viscosity with water.</i>			
TOTAL		1,119.68	101.25

Formula Constants

Density (lb/gal)	11.06
Density (g/L)	1325.31
Weight Pigment (%)	33.68
Volume Pigment (%)	14.73
Weight Solids (%)	56.78
Volume Solids (%)	41.95
PVC (%)	36.92
VOC (lb/gal)	1.04
VOC (g/L)	124.93

Formula Properties

pH @ 25°C	8.5 - 9.0
Viscosity - Stormer (KU) @ 25°C	80 - 90
Viscosity - ICI (Poise) @ 25°C	0.5

Supplier Key

- [1] CYTEC
- [2] DuPont Chemicals
- [3] Bayer Corporation
- [4] HALOX
- [5] Unimin Corporation
- [6] R.T. Vanderbilt Company, Inc.
- [7] Engelhard Corporation
- [8] Troy Corporation
- [9] Lyondell Chemical Company

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.

**WATER REDUCIBLE ACRYLIC MODIFIED ALKYD PRIMER
using HALOX 750**

Salt Spray - 400 hrs - Bonderite 1000 - 2.5 mils (62.5 microns) - % total formula weight



Zinc Phosphate @ 5%



HALOX 750 @ 5%



Zinc Phosphosilicate @ 5%