



FORMULATION

Water-Based Acrylic Modified Alkyd Primer using HALOX® Z-PLEX 750

GRIND

	<u>LBS.</u>	<u>GALS.</u>
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 Ti- [1]	15.00	1.71
Pure R-960 [2]	121.88	3.74
Bayferrox 318M [3]	2.49	0.06
HALOX® Z-PLEX 750 [4]	57.78	2.32
Minex 7 [5]	151.65	6.96
Nytal 300 Attagel 50 [6]	43.31	1.82
	7.57	0.38

High speed disperse to a 5+ NS Hegman grind.

LETDOWN

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

Adjust to desired viscosity with water.

FORMULA CONSTANTS

Density (lb./gal.)	11.06
Density (g/L)	1325.31
% Pigment/Wt.	33.68
% Pigment/Vol.	14.73
% Solids/Wt.	56.78
% Solids/Vol.	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

TOTAL	<u>1,119.68</u>	<u>101.25</u>
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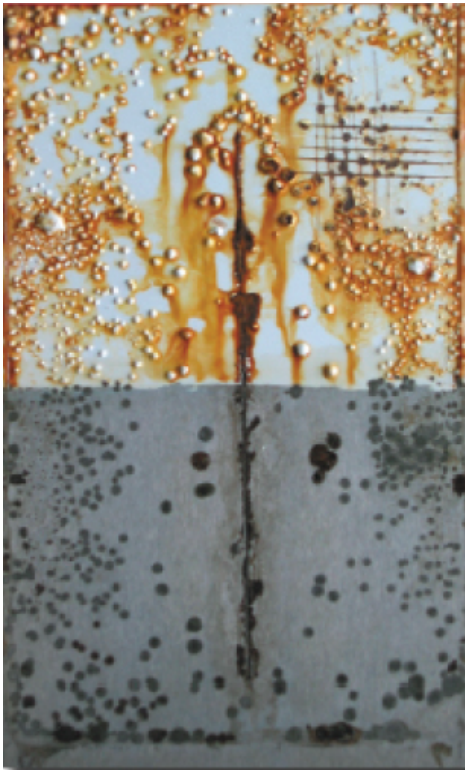
RESY466/HLX ZPLX 750

2015-04-28



Water Reducible Acrylic Modified Alkyd Primer using HALOX® Z-PLEX 750

Salt Spray - 400 Hrs. - Bonderite 1000 - 2.5 mils (62.5 microns) - % T.F.W.



5% Zinc Phosphate



5% HALOX® Z-PLEX 750



5% Zinc Phosphosilicate