



Formulation

Water Base Acrylic Nicotine/Water Stain Blocking Primer for Ceiling Tiles using HALOX BW-100

		<u>LBS</u>	<u>GALS</u>
<i>GRIND</i>			
<i>Add the following and mix at low speed.</i>			
Water		125.00	14.98
Foamaster NDW	[1]	1.50	0.20
Natrosol 250 MBR	[2]	1.00	0.09
Ammonia Hydroxide (28%)		1.00	0.13
<i>Mix well for 5 minutes.</i>			
<i>Then add the following in order listed.</i>			
Ethylene Glycol	[3]	30.00	3.22
Tamol 681	[4]	18.50	2.05
Triton CF-10	[5]	3.00	0.33
Ti-Pure R-902	[6]	150.00	4.49
HALOX BW-100	[7]	50.00	2.16
Zinc Oxide	[8]	10.00	0.21
Calwhite	[9]	175.00	7.77
<i>High speed disperse to 5+ NS Hegman grind.</i>			
<i>LETDOWN</i>			
Rhoplex MV-23	[4]	490.00	55.70
Texanol	[10]	8.00	1.01
Skane M-8	[4]	2.00	0.23
Foamaster NDW	[1]	1.00	0.13
<i>Add grind portion under agitation and mix until uniform.</i>			
<i>Add slowly while mixing at high speed.</i>			
<i>Do not AERATE!</i>			
Acrysol RM-8W	[4]	8.00	0.92
<i>Add slowly while mixing.</i>			
Water		58.00	6.95
<i>Mix well until uniform.</i>			
TOTAL		1,132.00	100.59

<u>Formula Constants</u>	
Density (lb/gal)	11.25
Density (g/L)	1348.63
Weight Pigment (%)	34.01
Volume Pigment (%)	14.55
Weight Solids (%)	53.75
Volume Solids (%)	37.92
PVC (%)	39.70
VOC (lb/gal)	1.04
VOC (g/L)	124.36

<u>Formula Properties</u>	
KU Viscosity @ 25C	90 - 95

<u>Supplier Key</u>	
[1]	Cognis Corporation
[2]	Aqualon - Division of Hercules Inc.
[3]	The Dow Chemical Co.
[4]	Rohm and Haas
[5]	The Dow Chemical Company
[6]	DuPont Chemicals
[7]	HALOX
[8]	Valspar Corporation
[9]	IMERYS
[10]	Eastman 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.