



Formulation

Cost Effective Water Base Acrylic Tannin Stain Blocking Primer using HALOX XTAIN L-44

<u>GRIND</u>		<u>%Wt./Wt.</u>	
Water		13.13	
Propylene Glycol		1.20	
Orotan 681	[1]	0.74	Dispersant
Surfynol 104A	[2]	0.18	Surfactant
AMP-95	[3]	0.37	
Drewplus T-4505	[4]	0.18	Defoamer
Acrysol RM-825	[1]	0.20	Thickener
Kronos 2101	[5]	12.90	Titanium Dioxide
Minex 7	[6]	18.42	Filler
HALOX XTAIN L-44		2.76	Liquid Tannin Stain Inhibitor
Acrysol RM-825	[1]	0.20	Thickener
Water		2.30	

High speed disperse to 4+ NS Hegman grind.

LETDOWN

Aquamac 540	[7]	34.54	Resin
Water		11.05	
Drewplus T-4505	[4]	0.18	Defoamer
Nuosept 95	[8]	0.14	Preservative
Texanol		0.80	Coalescent
HALOX FLASH-X 150		0.50	Flash Rust Inhibitor

Add to adjust viscosity as needed.

Acrysol RM-825	[1]	0.21	Thickener
----------------	-----	------	-----------

TOTAL		<u>100.00</u>	
--------------	--	---------------	--

FORMULA CONSTANTS

%Pigment/Wt.	31.30
%Pigment/Vol.	13.40
%Solids/Wt.	47.35
%Solids/Vol.	31.89
%PVC	41.90
VOC g/l	147.71

FORMULA PROPERTIES

Density g/l	1296.58
pH @ R.T.	9.0-9.5
KU Visc. @ R.T.	85-95
<i>(Should not exceed a 20 KU increase after 30 days in the oven at 55°C)</i>	
ICI (poise)	0.50-1.00

SUPPLIER KEY

- [1] Rohm and Haas Deutschland GmbH
- [2] Air Products and Chemicals Division-Europe
- [3] ANGUS Chemie GmbH
- [4] Ashland Nederlands bv
- [5] KRONOS, Europe
- [6] Charles Tennant & Co. Ltd.
- [7] McWhorter Technologies Europe
- [8] Huls Ltd.

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.