



# Formulation

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

### GRIND

### %Wt./Wt.

*Add the following in order listed while mixing at low speed.*

Water		7.23	
Tamol 681	[1]	0.68	Dispersant
Surfynol 104A	[2]	0.20	Surfactant
AMP-95	[3]	0.39	Amine
Drewplus L-475	[4]	0.20	Defoamer
Acrysol RM-825	[1]	0.05	Thickener

*Add at high speed.*

Kronos 2101/Ti-Pure R-902	[5]	11.74	TiO <sub>2</sub> Pigment
Minex 7	[6]	14.67	Filler
Acrysol RM-825	[1]	0.05	Thickener

*High speed disperse to 4-5 NS Hegman grind.*

### LETDOWN

*Add at slow speed.*

Aquamac 541	[7]	36.65	Resin
Water		21.51	
Drewplus L-475	[4]	0.20	Defoamer
Nuosept 95	[8]	0.15	Preservative
Propylene Glycol	[9]	1.69	Solvent
Texanol	[9]	0.83	Solvent
Acrysol RM-825	[1]	0.44	Thickener
HALOX XTAIN L-44		2.93	Tannin Stain Inhibitor
HALOX FLASH-X 150		0.39	Flash Rust Inhibitor

### **TOTAL**

100.00

### FORMULA CONSTANTS

%Pigment/Wt.	26.41
%Pigment/Vol.	10.50
%Solids/Wt.	42.97
%Solids/Vol.	29.96
%PVC	35.00
VOC g/l	134.34

### FORMULA PROPERTIES

Density g/l	1228.26
pH @ R.T.	8.0-9.0
KU Visc. @ R.T.	85-95
<i>(Should not exceed a 15 KU increase after 30 days in the oven at 55°C)</i>	
ICI (poise)	1.20-1.40

### SUPPLIER KEY

- [1] Rohm and Haas Deutschland GmbH
- [2] Air Products and Chemicals Division-Europe
- [3] ANGUS Chemie GmbH
- [4] Drew Ameroid GmbH
- [5] KRONOS, Europe/Du Pont de Nemours GmbH
- [6] Charles Tennant & Co. Ltd.
- [7] McWhorter Technologies Europe
- [8] Creanova, Inc.
- [9] Eastman Chemie Co.

*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 you own laboratory prior to use.*