



# Formulation

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

<u>GRIND</u>		<u>% Wt./Wt.</u>	
Water		8.25	
Orotan 681	[1]	2.18	Dispersant
Propylene Glycol		4.51	
Rhodoline 643	[2]	0.16	Defoamer
Troysan 586	[3]	0.10	Biocide
Ti-Pure R-902	[4]	13.49	Titanium Dioxide
Minex 4	[5]	10.44	Filler
I.T. 325	[6]	12.62	Filler
HALOX XTAIN L-44		3.04	Liquid Tannin Stain Inhibitor

### LETDOWN

Water		6.53	
UCAR Latex 627	[7]	34.72	Resin
UCAR Filmer IBT	[7]	1.21	Coalescent
Skane M-8	[1]	0.20	Preservative
Rhodoline 643	[2]	0.17	Defoamer
HALOX FLASH-X 150		0.50	Flash Rust Inhibitor
Acrysol RM-2020 NPR	[1]	0.90	Thickener
Acrysol RM-825	[1]	0.45	Thickener
Ammonia Hydroxide (28)		0.17	
Igepal CTA 639W	[8]	0.36	Surfactant

**TOTAL** 100.00

### FORMULA CONSTANTS

%Pigment/Wt.	36.55
%Pigment/Vol.	16.19
%Solids/Wt.	52.53
%Solids/Vol.	34.36
%PVC	46.00
VOC g/l	247.00

### FORMULA PROPERTIES

Density g/l	1380.52
pH @ R.T.	8.5-9.0
KU Visc. @ R.T.	95-100
<i>(Should not exceed a 20 KU increase after 30 days in the oven at 55°C)</i>	
ICI (poise)	1.00-1.50

### SUPPLIER KEY

- [1] Rohm and Haas Deutschland GmbH
- [2] Rhodia, Ltd.
- [3] Troy Chemie
- [4] Du Pont de Nemours GmbH
- [5] Charles Tennant & Co. Ltd.
- [6] Norwegian Talc, Ltd.
- [7] Union Carbide Europe
- [8] Rhone-Poulenc Inc.

*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.*