



Formulation

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		9.80	
Attagel 50	[1]	0.42	Pigment
Propylene Glycol	[2]	2.55	Solvent
Tamol 681	[3]	1.27	Dispersant
Surfynol 104A	[4]	0.34	Surfactant
Drewplus L-475 T-4505	[5]	0.01	Defoamer
AMP-95	[6]	0.34	Amine

Add at high speed.

Kronos 2101	[7]	12.67	TiO ₂ Pigment
Calwhite	[8]	20.27	Filler

High speed disperse to 4-5 NS Hegman grind.

LETDOWN

Add at slow speed.

EPS 2532	[9]	42.06	Resin
Drewplus L-475	[5]	0.17	Defoamer
Nuosept 95	[10]	0.01	Preservative

Premix the following ingredients before adding.

Texanol	[2]	0.68	Solvent
Cellulosic-250 HBR	[11]	0.01	Thickener

Then add:

HALOX FLASH-X 150		0.34	Flash Rust Inhibitor
Nopco DSX 2000	[12]	0.46	Thickener
HALOX XTAIN L-44		3.04	Tannin Stain Inhibitor
Water		5.56	

TOTAL

100.00

FORMULA CONSTANTS

%Pigment/Wt.	32.38
%Pigment/Vol.	15.32
%Solids/Wt.	51.47
%Solids/Vol.	40.63
%PVC	37.71
VOC g/l	141.54

FORMULA PROPERTIES

Density g/l	1424.97
pH @ R.T.	8.5-9.5
KU Visc. @ R.T.	95-100
<i>(Should not exceed a 15 KU increase after 30 days in the oven at 55°C)</i>	
ICI (poise)	1.00-1.30

SUPPLIER KEY

[1]	Engelhard Corp.
[2]	Eastman Chemie Co.
[3]	Rohm and Haas Deutschland GmbH
[4]	Air Products and Chemicals Division-Europe
[5]	Ashland Nederlands bv
[6]	ANGUS Chemie GmbH
[7]	KRONOS, Europe
[8]	ECC International
[9]	Engineered Polymer Solutions, Inc.
[10]	Creanova, Inc.
[11]	Union Carbide Europe
[12]	Cognis Corporation

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.

E2532/L-44E

CDS-081402

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