



Formulation

Low Zinc Content Tannin Stain Blocking Formula using HALOX XTAIN L-44 and XTAIN L-66

<u>GRIND</u>		<u>%Wt./Wt.</u>	
DI Water		13.50	
Airex 901 W	[1]	0.25	Defoamer
Disperbyk 190	[2]	0.80	Dispersant
TiO2 Kronos 2190	[3]	14.50	Titanium Dioxide
PoleStar 400	[4]	8.00	Extender
Nyral 400	[5]	8.00	Extender

High speed disperse to a 6.0 NS Hegman grind.

<u>LETDOWN</u>			
NeoCryl XK-37	[6]	40.60	Resin
Disperbyk 190	[2]	2.40	Dispersant
Texanol		1.00	Coalescent

Add grind under agitation. Mix for 10 minutes or until uniform.

Premix next 3 items and add under good agitation.

HALOX XTAIN L-66		2.50	Tannin Stain Inhibitor
HALOX XTAIN L-44		2.50	Tannin Stain Inhibitor
DI Water		5.00	
Acrysol RM-2020 NPR	[7]	0.70	Thickener
Borchi Gel L 75 N	[8]	0.25	Thickener

Mix until uniform. Do not aerate!

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

FORMULA CONSTANTS

%Pigment/Wt.	30.50
%Pigment/Vol.	12.76
%Solids/Wt.	48.27
%Solids/Vol.	33.60
%PVC	40.13
%Zn	0.14
VOC g/l	80.53

FORMULA PROPERTIES

Density	1330.00 g/L
pH @ 25 ⁰ C	9.5-10.0
Stormer Viscosity at 25 ⁰ C	90-95KU
ICI Viscosity at 25 ⁰ C	0.7-0.8 poise

SUPPLIER KEY

[1]	Tego Chemie
[2]	BYK-Chemie
[3]	Kronos
[4]	Imerys
[5]	R.T. Vanderbilt
[6]	Neoresins
[7]	Rohm and Haas
[8]	Borchers (A Bayer 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.

XK37/L-66L-44E

MJD-102703

HALOX® 1326 Summer St., Hammond, IN 46320, USA tel: 219.933.1560, email: info@halox.com