



Formulation

High Performance Zinc-free Tannin Stain Blocking Formula using HALOX XTAIN L-66

GRIND		%Wt./Wt.	
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
Nytal 400	[5]	8.00	Extender

High speed disperse to a 6.0 NS Hegman grind.

LETDOWN

NeoCryl XK-37	[6]	40.60	Resin
Disperbyk 190	[2]	2.40	Dispersant
Texanol		1.00	Coalescent

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

Premix next 2 items and add under good agitation.

HALOX XTAIN L-66		5.00	Tannin Stain Inhibitor
DI Water		5.00	

Acrysol RM-2020 NPR	[7]	0.70	Thickener
Borch Gel L 75 N	[8]	0.25	Thickener

Mix until uniform. Do not aerate!

TOTAL		100.00
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FORMULA CONSTANTS

%Pigment/Wt.	30.50
%Pigment/Vol.	12.76
%Solids/Wt.	48.27
%Solids/Vol.	33.60
%PVC	40.13
>%Zn	0.00
VOC g/l	80.53

FORMULA PROPERTIES

Density	1328.52 g/L
pH @ 25 ⁰ C	10.0-10.5
Stormer Viscosity at 25 ⁰ C	90-95KU
ICI Viscosity at 25 ⁰ C	0.70-0.80 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-66E

MJD-102703

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