



Formulation

One Coat Water Base Acrylic Modified with Epoxy Ester using HALOX SZP-391

GRIND

%Wt./Wt.

Mix at low speed.

Water		7.15	
Bentone LT	[1]	0.15	Thickener
Ammonia Hydroxide (28%)		0.30	Amine
Disperse Ayd W-22	[2]	0.50	Dispersant
Butylglycol		1.57	Coalescent
Drew Plus TS-4380	[3]	0.05	Deformer
Kronos 2190	[4]	9.95	Titanium Dioxide
HALOX SZP-391		3.30	A.C. Pigment
Blanc Fixe N	[5]	6.00	Filler
Talc I.T. Extra	[6]	7.40	Filler
Colanyl Black GR-130	[7]	1.09	Colorant

Add the following at high speed and disperse to 5+ NS Hegman grind.

LETDOWN

NeoCryl XK-62	[8]	52.73	Resin
<i>Add grind paste and adjust pH to 9.0 with ammonia.</i>			
*Resydrol WE-237L Soln.	[7]	7.31	Resin
Drew Plus TS-4380	[3]	0.03	Defoamer
Ammonia Hydroxide (28%)		0.20	Amine
Texanol		1.57	Coalescent
HALOX FLASH X-150		0.35	Flash Rust Inhibitor
Water		0.35	

TOTAL	<hr/>	100.00
--------------	-------	--------

RESYDROL SOLUTION:	<hr/>	<u>p.b.w.</u>
---------------------------	-------	---------------

Adjust pH at 9.0 with Ammonia.

Let this solution equilibrate overnight before it is added to the letdown.

*Resydrol WE 237L (70% in BG)	64.30
Butylglycol	30.40
Kobalt 10%	0.64
Ammonia Hydroxide (28%)	4.50 (+/-)

TOTAL	<hr/>	99.84
--------------	-------	-------

FORMULA CONSTANTS

%Pigment/Wt.	27.09
%Pigment/Vol.	9.86
%Solids/Wt.	52.90
%Solids/Vol.	39.42
%PVC	25.01
VOC g/l	197.24

FORMULA PROPERTIES

Density g/l	1267.20
pH @ R.T.	8.5-9.0
KU Visc. @ R.T.	90-95
<i>(Should not exceed a 20 KU increase after 30 days in the oven at 55°C)</i>	
ICI (poise)	0.50-0.70

SUPPLIER KEY

[1]	RHEOX Europe
[2]	Elementis Pigments Europe
[3]	Ashland Nederlands bv, Drew Ameroid GmbH
[4]	KRONOS, Europe
[5]	Sachtleben Chemie
[6]	Norwegian Talc, Ltd.
[7]	Clariant
[8]	Avecia Neo-Resins

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.

NCXK62/391E

WU-032000

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