



Formulation

High Performance Water Base Acrylic Tannin Stain Blocking Primer using HALOX BW-100

<u>GRIND</u>		<u>%Wt./Wt.</u>	
<i>Mix at low speed.</i>			
Water		2.00	
AMP-90	[1]	0.10	Amine
Disperbyk-181	[2]	0.40	Dispersant
Proxel GXL	[3]	0.20	Preservative
BYK 024	[2]	0.30	Defoamer
Surfynol 104E		0.10	Surfactant
Kronos 2101	[4]	14.00	Titanium Dioxide
HALOX BW-100		5.00	Tannin Stain Inhibitor
Omyacarb 5-TR	[5]	9.00	Filler
Micro Talc A.T. Extra	[6]	3.00	Filler

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

<u>LETDOWN</u>			
Acronal S 725	[7]	60.00	Resin
Texanol	[8]	2.00	Coalescent
HALOX FLASH-X 150		0.50	Flash Rust Inhibitor

Add grind paste and mix at low speed until uniform.

Collacral PU 75 (1:1 with Propylene Glycol)	[7]	3.20	Thickener
BYK 024	[2]	0.20	Defoamer

TOTAL 100.00

FORMULA CONSTANTS

%Pigment/Wt.	30.97
%Pigment/Vol.	13.16
%Solids/Wt.	59.27
%Solids/Vol.	44.59
%PVC	29.52
VOC g/l	130.39

FORMULA PROPERTIES

Density g/l	1201.20
pH @ R.T.	9.0-9.5
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)	1.00- 1.20

SUPPLIER KEY

[1]	ANGUS Chemie GmbH
[2]	BYK-Chemie GmbH
[3]	Avecia Neo-Resins
[4]	KRONOS, Europe
[5]	Omya GmbH
[6]	Norwegian Talc, Ltd.
[7]	BASF AG
[8]	Eastman Chemie Co.

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.

S725/100E

DS-071000

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