



FORMULATION

Low VOC Water Reducible Alkyd Latex Primer Based on Beckosol AQ-210 with HALOX® SZP-391 and HALOX® 570 LS

Grind		% Wt./Wt.	Class
Water		14.49	
Tamol 165A	[1]	1.26	Dispersant
Ammonia Hydroxide (28%)		0.17	Amine
TRITON DF- 16	[1]	0.22	Surfactant
BYK-022	[2]	0.19	Defoamer
RO-3097 Kroma Red	[3]	4.83	Pigment
HALOX® SZP-391	[4]	5.02	Corrosion Inhibitor
Vantalc 4500	[5]	4.83	Talc
Atomite Star	[6]	9.66	Ca Carbonate
CAB-O-SIL M5	[7]	0.39	Thickener

High Speed Disperse to a 5.0+ N.S.

Letdown

BECKOSOLAQ 210	[8]	43.95	Resin
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Premix the following before adding.

COBALT HYDRO-CURE II	[9]	0.19	Drier
DRI-RX HF	[9]	0.06	Drier
12% Zr HYDRO-CEM	[9]	0.41	

Mix well; then add:

FOAMSTAR A-34	[10]	0.19	Defoamer
Water		11.88	

Add grind portion under agitation and mix until uniform.

HALOX® 570 LS	[4]	1.00	Corrosion Inhibitor
Coapur XS 22	[11]	1.26	Thickener

TOTAL		<u>100.00</u>	
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FORMULA CONSTANTS

Density (g/L)	1245.14
Weight Pigment (%)	24.35
Volume Pigment (%)	9.84
Weight Solids (%)	49.86
Volume Solids (%)	37.82
PVC (%)	26.75
VOC (g/L)	12.53

FORMULA PROPERTIES

Viscosity - Stormer (KU) @ 25°C	80-120 KU
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SUPPLIER KEY

- [1] DOW
- [2] BYK - Chemie GmbH
- [3] Elementis Pigments Inc.
- [4] ICL\ Advanced Additives
- [5] R.T. Vanderbilt Company, Inc.
- [6] Imerys
- [7] Cabot Corporation
- [8] Reichhold
- [9] OMG Group
- [10] BASF
- [11] Coatex, Inc./ Arkema

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