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
Ammonia Hydroxide (28%) 0.17 Amine
TRITON DF-16 [1] 0.22 Surfactant
BYK-022 [2] 0.19 Defoamer
HALOX® SZP-391 [4] 5.02 Corrosion Inhibitor
Vantac 4500 [5] 4.83 Talc
CAB-O-SIL M5 [7] 0.39 Thickener

High Speed Disperse to a 5.0+ N.S.

Letdown
BECKOSOL AQ 210 [8] 43.95 Resin

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

TOTAL 100.00

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) 80-120 KU @ 25°C

SUPPLIER KEY
[1] DOW
[2] BYK - Chemie GmbH
[4] ICL Advanced Additives
[6] Imerys
[7] Cabot Corporation
[8] Reichhold
[9] OMG Group
[10] BASF

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