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VANDERBILT

Minerals Formula

Formula 021712
Latex Tannin Blocking Primer
DARVAN® 561¹ Dispersant, VANSIL® W 30¹ Wollastonite,

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
DISPERSION				
2.5% Cellosize® QP 4400 ²	40.0	4.8	4.80	4.80
Water	60.0	7.2	7.20	7.20
Drewplus® L 475 ³	2.0	0.3	0.24	0.26
Propylene Glycol	25.0	2.9	3.00	2.90
DARVAN 561¹	10.0	1.0	1.20	0.99
Triton® CF-10 ²	2.0	0.2	0.24	0.22
Ti-Pure® R 706 ⁴	200.0	6.0	23.99	6.00
XX 503 R ZnO ⁵	25.0	0.5	3.00	0.54
Stainban® 208 ⁶	65.0	2.6	7.80	2.64
VANSIL W 30¹	65.0	2.7	7.80	2.69
Diafil® 570 ⁷	10.0	0.5	1.20	0.55
Fungicide	20.0	1.4	2.40	1.40
ATTAGEL™ 50 ⁸	5.0	0.3	0.60	0.25

Mix at high shear for 15 minutes. Reduce speed for let down.

LET DOWN

Rhoplex® PR 33 Latex ²	525.0	59.4	62.97	59.34
Texanol® ⁹	12.0	1.5	1.44	1.50
Water	51.7	6.2	6.30	6.30
Drewplus L 475 ³	2.0	0.3	0.24	0.26
Stainban 188 ⁶	25.0	2.2	3.00	2.16

Mix at slow speed for 10 minutes.

TOTALS	1144.7	100.0	137.42	100.00
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PAINT PROPERTIES

Density	11.4 lbs/gal	1.37 g/ml
% Solids by weight	56.4	
% Solids by volume	40.8	
% PVC	34.5	
Pigment to binder ratio	1.53:1	
Calculated VOC	0.57 lbs/gal	69 g/l

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³Ashland Specialty Chemical Company, Columbus, OH
- ⁴E.I. du Pont de Nemours & Company, Wilmington, DE
- ⁵Zinc Corporation of America, Monaca, PA
- ⁶WPC Technologies, Inc. Milwaukee, WI
- ⁷World Minerals, Santa Barbara, CA
- ⁸BASF Corporation, Florham Park, NJ
- ⁹Eastman Chemical, Kingsport, TN

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