



Distributed in the Interest  
of Product Development

# VANDERBILT

## Minerals Formula

**Formula 082012**  
**Interior Semi-Gloss Wall Paint**  
**DARVAN® 7N<sup>1</sup> Dispersant, VANSIL® W-30<sup>1</sup> Wollastonite**

<b>DISPERSION</b>	<b>Pounds</b>	<b>Gallons</b>	<b>Kilograms</b>	<b>Liters</b>
2.5% Cellosize® QP 4400 Solution <sup>2</sup>	80.0	9.6	9.63	9.63
Water	120.0	14.4	14.44	14.44
<b>DARVAN® 7N<sup>1</sup></b>	10.0	1.0	1.20	1.04
AMP 95 <sup>3,3</sup>	2.0	0.3	0.24	0.26
Triton® CF -10 <sup>2</sup>	3.0	0.3	0.24	0.27
Drewplus® L 475 <sup>4</sup>	2.0	0.2	0.36	0.34
Proxel® GLX <sup>5</sup>	1.5	0.2	0.18	0.16
Ti-Pure® R 706 <sup>6</sup>	225.0	6.8	27.07	6.77
<b>VANSIL® W-30<sup>1</sup></b>	50.0	2.1	6.02	2.07
Talcron® 35 LOA <sup>7</sup>	50.0	2.1	6.02	2.15

*Disperse at high speed for 15 minutes. Reduce speed for let down.*

### LET DOWN

Rhoplex® SG 30 Latex <sup>2</sup>	480.0	54.5	57.75	54.48
Texanol <sup>8,8</sup>	10.0	1.3	1.20	1.25
Drewplus® L 475 <sup>4</sup>	2.0	0.3	0.24	0.27
<i>Preblend water and rheology modifier, mix gently and add.</i>				
Water	55.0	6.6	6.62	6.62
Polyphobe® TR 116 <sup>2</sup>	2.5	0.3	0.30	0.27

*Mix at slow speed for 10 minutes.*

<b>TOTALS</b>	<b>1093.0</b>	<b>100.0</b>	<b>131.51</b>	<b>100.02</b>
---------------	---------------	--------------	---------------	---------------

### PAINT PROPERTIES

Density	10.9lbs/gal	1.315 g/ml
% Solids by weight	52.4	
% Solids by volume	36.9	
PVC	30	
Pigment to binder ratio	1.35:1	
Calculated VOC	0.29 lbs/gal	35 g/L

### RAW MATERIAL SUPPLIERS

- <sup>1</sup>Vanderbilt Minerals, LLC, Norwalk, CT
- <sup>2</sup>Dow Chemical Company, Midland, MI
- <sup>3</sup>Angus Chemical Company, Buffalo Grove, IL
- <sup>4</sup>Ashland Specialty Chemical Company, Columbus, OH
- <sup>5</sup>Arch Lonza, Norwalk, CT
- <sup>6</sup>E.I. DuPont de Nemours & Company, Wilmington, DE
- <sup>7</sup>Specialty Minerals Incorporated, Barretts, MT
- <sup>8</sup>Eastman Chemical, Kingsport, TN

### TRADEMARKS

- DARVAN®** Dispersant and **VANSIL®** Wollastonite are registered trademarks of R.T. Vanderbilt Holding Company, Inc. and/or its respective wholly owned subsidiaries.
- AMP-95 is a registered trademark of Angus Chemical Company.
- Cellosize, Polyphobe and Triton are registered trademarks of Union Carbide Chemicals & Plastics Technology Corporation.
- Drewplus is a registered trademark of Ashland Licensing and Intellectual Property, LLC.
- Proxel is a registered trademark of Arch UK Biocides.
- Rhoplex is a registered trademark of Rohm & Haas Company.
- Talcron is a registered trademark of Minerals Technologies Inc
- Texanol is a registered trademark of Eastman Chemical Company.
- Ti-Pure is a registered trademark of E.I. du Pont de Nemours & Company.

rev02/19/2013

**Vanderbilt Minerals, LLC, 33 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150**  
**Telephone: (800) 562-2476 - Fax: (203) 855-1220 - Web Site: vanderbiltminerals.com**

Before using, read, understand and comply with the information and precautions in all applicable Safety Data Sheets, labels and other product literature. The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required. Vanderbilt Minerals, LLC does not warrant the results to be obtained in using any material, and disclaims all liability with respect to the use, handling or further processing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent, trademark or copyright or to violate any federal, state or local law or regulation.