



Distributed in the Interest
of Product Development

VANDERBILT

Minerals Formula

Formula 042710

Semi-Transparent Stain

VANSIL® W-30¹, Wollastonite, **ACTIV-8® HGL¹** Drier, Stabilizer and Accelerator

	<u>Pounds</u>	<u>Gallons</u>	<u>Kilograms</u>	<u>Liters</u>
DISPERSION				
2% Cellosize® QP 4400 ²	204.0	24.5	24.49	24.49
Rhodoline® 643 ³	3.0	0.4	0.36	0.42
Igepal® CTA 639 W ³	3.0	0.3	0.36	0.34
VANSIL® W-30¹	96.7	4.0	11.60	4.00
Nuocide® 960 ⁴	20.0	2.4	2.40	2.40

Mix at high speed for 10 minutes. Reduce speed for let down.

LET DOWN

Beckosol AQ® 101 ⁵	265.1	30.1	31.81	30.16
<i>Preblend the next 4 items and add:</i>				
Propylene Glycol	5.0	0.6	0.60	0.58
ACTIV-8® HGL¹	0.4	0.1	0.04	0.04
Cobalt Hydro-Cure® II ⁶	1.5	0.2	0.18	0.20
12% Zirconium Hydro-Cem™ ⁶	3.0	0.3	0.36	0.33
Michem® Lube 743 ⁷	15.0	1.8	1.80	1.84
Water	294.4	35.3	35.20	35.20

Mix at slow speed for 10 minutes.

Post add 4 oz/gal Red Iron Oxide tint paste. Mix 5 minutes at slow speed.

TOTALS	911.1	100.0	109.20	100.00
---------------	-------	-------	--------	--------

PAINT PROPERTIES

Density	9.1 lbs/gal	1.09 g/ml
% Solids by weight	30.0	
% Solids by volume	23.4	
% PVC	21.2	
Pigment to binder ratio	0.70:1	
Calculated VOC	0.24 lbs/gal	28 g/l

RAW MATERIAL SUPPLIERS

- ¹Vanderbilt Minerals, LLC, Norwalk, CT
- ²Dow Chemical Company, Midland, MI
- ³Rhodia Incorporated, Cranberry, NJ
- ⁴International Specialty Products, Columbia, MD
- ⁵Reichhold Incorporated, Research Triangle Park, NC
- ⁶OM Group, Incorporated, Cleveland, OH
- ⁷Michelman, Inc, Cincinnati, OH

TRADEMARKS

VANSIL® Wollastonite and **ACTIV-8** Drier, Stabilizer and Accelerator are registered trademarks of R.T. Vanderbilt Holding Company, Inc. and/or its respective wholly owned subsidiaries.

Beckosol AQ is a registered trademark of Reichhold, Inc

Cellosize is a registered trademark of Union Carbide Chemicals & Plastics Technology Corporation.

Hex-Cem is a registered trademark of OM Group, Inc.

Hydro-Cem is a trademark of OM Group, Inc.

Igepal is a registered trademark of Rhodia.

Michem is a registered trademark of Michelman, Inc.

Nuocide is a registered trademark of Nuodex Inc.

Rhodoline is a registered trademark of Rhodia.

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.