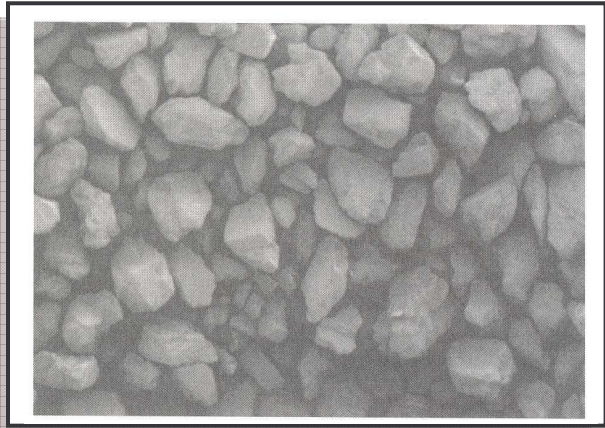


# VICAL<sup>®</sup> limestone products

Specialty Minerals VICAL<sup>®</sup> product grade limestones are high purity, dedusted limestone, characterized by moderate brightness and controlled particle size. VICAL<sup>®</sup> screened limestone products have a granular appearance with top sizes ranging from 8 to 100 mesh (U.S.). VICAL<sup>®</sup> limestone products are used in a variety of applications such as: glass manufacture, tile and sheet flooring, asphalt shingles, stucco, plaster and other building products.

Consistent quality of VICAL<sup>®</sup> screened limestone is assured by process control on all aspects of manufacture, from mining of calcite ore to milling and final packaging. All VICAL<sup>®</sup> screened limestone products are manufactured from a high quality deposit of natural calcite located in Lucerne Valley, CA. Chemical and mineralogical composition is the same for all VICAL<sup>®</sup> limestone grades



Typical Properties		1200	1600	3005	4000	5030	5075
Specific Gravity		2.7	2.7	2.7	2.7	2.7	2.7
Dry Brightness (Hunter Y, Rd Value)		---	---	81	81.5	85	---
Tap Density (pounds/ft <sup>3</sup> )		NA	111.8	104	104	76.8	111
Apparent Density (pounds/ft <sup>3</sup> )		NA	90.5	84.1	82.0	---	63.0
<b>CHEMICAL COMPOSITION</b> (typical)							
Calcium Carbonate			CaCO <sub>3</sub>		97%		
Magnesium Carbonate			MgCO		1.2%		
Iron as			Fe <sub>2</sub> O <sub>3</sub>		0.05%		

Sieve Analysis (typical)	Cumulative Weight % Retained					
	1200	1600	3005	4000	5030	5075
8 Mesh	0%	--	--	--	--	--
12 Mesh	1.3%	--	--	--	--	--
16 Mesh	45	Clean	--	--	--	--
30 Mesh	96	28	1	--	--	--
40 Mesh		56	19	1	--	--
50 Mesh		80	43	23	3	2
70 Mesh		87	61	46	19	--
100 Mesh		93	76	68	38	17
200 Mesh		98	95	96	75	37

All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use. All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. SMI MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. Inconsistent terms and conditions contained in Buyer's purchase order shall not be binding on SMI/BMI unless reflected in writing signed by SMI/BMI's representative. This information is not to be copied, used in evidence, released for publication or public distribution without written permission from Specialty Minerals Inc./Barretts Minerals Inc.