



2020

Product Data Sheet  
Plant: Blue Ridge

I. GEOLOGICAL FORMATION: Conococheague Limestone

II. CHEMICAL ANALYSIS ( ) :

Silica	as SiO <sub>2</sub>	Calcium	as CaO	as CaCO <sub>3</sub>
Iron	as Fe <sub>2</sub> O <sub>3</sub>	Magnesium	as MgO	as MgCO <sub>3</sub>
Aluminum	as Al <sub>2</sub> O <sub>3</sub>	Calcium Carbonate Equiv.		CCE
Sulfur	as S			

III. QUALITY DATA:		Product												
TEST	TEST DATE	1	3	5	Concrete 57	Coarse 57	68	78	8/8P	9	A Sand	10 Block Mix	LIME	
<b>* SPECIFIC GRAVITY *</b>														
BULK (ASPHALT)	2/20	2.739	2.734	2.736	2.738	2.736	2.736	2.730	2.730	2.705	2.702	2.704	2.689	
BULK - SSD (CONCRETE)	2/20	2.746	2.746	2.745	2.749	2.746	2.748	2.743	2.746	2.729	2.725	2.724	2.727	
APPARENT	2/20	2.758	2.765	2.760	2.770	2.763	2.768	2.765	2.773	2.771	2.768	2.758	2.795	
% ABSORPTION	2/20	0.3%	0.4%	0.3%	0.4%	0.4%	0.4%	0.5%	0.6%	0.9%	0.9%	0.7%	1.4%	
<b>* UNIT WEIGHT *</b>														
DRY RODDED (LBS/CUBIC FT)	2/20	96.6	98.2	99.8	98.9	98.5	104.5	103.3	98.1	99.4	104.8	105.4	80.7	
DRY RODDED (LBS/CUBIC YARD)	2/20	2608.2	2651.4	2694.6	2670.3	2659.5	2821.5	2789.1	2648.7	2683.8	2829.6	2845.8	2178.9	
DRY RODDED ( % VOIDS )	2/20	43.5%	42.4%	41.5%	42.1%	42.3%	38.8%	39.4%	42.4%	41.1%	37.9%	37.5%	51.8%	
DRY RODDED (Kg/Cubic Meter)	2/20	1547	1573	1599	1584	1578	1674	1655	1571	1592	1679	1688	1293	
VTM-5 % VOIDS IN STONE SAND	2/20										52.0%	52.0%		
ASTM C1252 % VOIDS (METH B)	2/20										51.0%	51.0%		
ASTM C1252 % VOIDS (METH C)	2/20										44.5%	44.7%		
ASTM D4791 % F & E (3:1)	2/20			13.7%	18.9%	19.3%	22.9%	25.8%	28.5%					
<b>* LOS ANGELES DEGRADATION *</b>														
GRADING A % LOSS	2/20	16.5%												
GRADING B % LOSS	2/20	17.0%												
GRADING C % LOSS	2/20	16.7%												
SOUNDNESS % LOSS (Magnesium Sulfate)	2/20	2.3%	1.5%	2.2%	2.1%	2.2%	1.9%	1.7%	1.6%	6.1%	5.6%	4.9%		
SOUNDNESS % LOSS (Sodium Sulfate)														
<b>*Surface Treatment Rate of Application*</b>														
Stone (lb/sq yd)														
Emulsion (gal/sq yd)														
<b>* SUPERPAVE *</b>														
ASTM C1252 % VOIDS (METH A)	2/20										27.3%	47.4%		
AASHTO T 176 SAND EQUIVALENT	2/20										84	74		
ASTM D4791 % F & E (5:1)	2/20			0.9%	1.0%	1.3%	2.1%	2.5%	4.1%					