



2020

Product Data Sheet  
Plant: Rich Patch

I. GEOLOGICAL FORMATION: Egglestone, Edinburg, Lincolnshire, and New Market Limestone

II. CHEMICAL ANALYSIS ( February 2019 ) :

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		ROCKFILL A	ROCKFILL B	1	2	357	57	68	78	8	10	B SAND	LIME	9
<b>* SPECIFIC GRAVITY *</b>															
BULK (ASPHALT)	02/20		2.729	2.715	2.696	2.696	2.703	2.714	2.697	2.698	2.701	2.682	2.690	2.671	2.683
BULK - SSD (CONCRETE)	02/20		2.732	2.719	2.707	2.707	2.712	2.725	2.709	2.709	2.713	2.705	2.721	2.699	2.713
APPARENT	02/20		2.7.38	2.726	2.725	2.725	2.726	2.743	2.729	2.728	2.733	2.743	2.777	2.749	2.767
% ABSORPTION	02/20		0.1%	0.2%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.8%	1.2%	1.1%	1.1%
<b>* UNIT WEIGHT *</b>															
DRY RODDED (LBS/CUBIC FT)	02/20		93.9	94.3	95.3	98.5	101.4	96.9	97.7	96.1	98.9	105.4	99.4	105.4	99.4
DRY RODDED (LBS/CUBIC YARD)	02/20		2535	2546	2573	2660	2738	2616	2638	2595	2670	2846	2684	2846	2684
DRY RODDED ( % VOIDS )	02/20		44.9%	44.3%	43.4%	41.4%	39.9%	42.8%	42.0%	42.9%	41.3%	37.0%	40.8%	36.7%	40.6%
DRY RODDED (Kg/Cubic Meter)	02/20		1504	1511	1527	1578	1624	1552	1565	1539	1584	1688	1592	1688	1592
VTM-5 % VOIDS IN STONE SAND	02/20											53.2%	53.0%		
ASTM C1252 % VOIDS (METH B)	02/20											52.3%	52.0%		
ASTM C1252 % VOIDS (METH C)	02/20											41.7%	47.8%		
ASTM D4791 % F & E (3:1)	02/20							9.6%	12.8%	19.3%	21.0%	17.6%			
<b>* LOS ANGELES DEGRADATION *</b>															
GRADING A % LOSS	02/20	21.1%													
GRADING B % LOSS	02/20	18.8%													
GRADING C % LOSS	02/20	17.9%													
SOUNDNESS % LOSS (Magnesium Sulfate)	02/20		0.4%	0.4%	0.4%	0.5%	0.5%	0.7%	0.7%	0.6%	0.6%	4.2%	5.1%	2.7%	4.7%
SOUNDNESS % LOSS (Sodium Sulfate)															
Stone (lb/sq yd)															
Emulsion (gal/sq yd)															
<b>* SUPERPAVE *</b>															
ASTM C1252 % VOIDS (METH A)	02/20											48.6%	46.1%		
AASHTO T 176 SAND EQUIVALENT	02/20											75	84		
ASTM D4791 % F & E (5:1)	02/20							0.3%	0.0%	2.3%	1.0%	0.9%			