



2021

**Product Data Sheet
Plant: Rich Patch**

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

II. CHEMICAL ANALYSIS (May 2021) :

Silica	as SiO ₂	7.7%	Calcium	as CaO	48.9%	as CaCO ₃	81.0%
Iron	as Fe ₂ O ₃	0.8%	Magnesium	as MgO	1.9%	as MgCO ₃	8.0%
Aluminum	as Al ₂ O ₃	1.7%	Calcium Carbonate Equiv.			CCE	85.0%
Sulfur	as S	0.1%					

III. QUALITY DATA:			Product												
TEST	TEST DATE	ROCKFILL A	ROCKFILL B	1	2	357	57	68	78	8	10	B SAND	LIME	9	
* SPECIFIC GRAVITY *															
BULK (ASPHALT)	03/21	2.729	2.715	2.696	2.692	2.698	2.703	2.697	2.700	2.694	2.682	2.682	2.671	2.672	
BULK - SSD (CONCRETE)	03/21	2.732	2.719	2.707	2.702	2.710	2.708	2.708	2.712	2.704	2.705	2.718	2.699	2.695	
APPARENT	03/21	2.738	2.726	2.725	2.720	2.729	2.726	2.727	2.731	2.721	2.743	2.784	2.749	2.748	
% ABSORPTION	03/21	0.1%	0.2%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.8%	1.4%	1.1%	1.2%	
* LOS ANGELES DEGRADATION *															
GRADING A % LOSS	03/21	22.7%													
GRADING B % LOSS	03/21	18.1%													
GRADING C % LOSS	03/21	18.2%													
SOUNDNESS % LOSS (Magnesium Sulfate)	5/21	1.3%	1.3%	1.3%	1.3%	1.0%	0.7%	0.7%	0.8%	0.8%	8.6%	8.4%	6.0%	11.2%	
SOUNDNESS % LOSS (Sodium Sulfate)															
Stone (lb/sq yd)															
Emulsion (gal/sq yd)															
* SUPERPAVE *															
ASTM C1252 % VOIDS (METH A)	03/21										48.1%	48.6%			
AASHTO T 176 SAND EQUIVALENT	03/21										73	79			
ASTM D4791 % F & E (5:1)	03/21					0.3%	0.3%	0.6%	0.0%	1.0%					