



2024

Product Data Sheet
Plant: Rich Patch

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

II. CHEMICAL ANALYSIS (May 2024) :

Silica	as SiO ₂	7.1%	Calcium	as CaO	47.8%	as CaCO ₃	80.0%
Iron	as Fe ₂ O ₃	0.8%	Magnesium	as MgO	2.0%	as MgCO ₃	9.0%
Aluminum	as Al ₂ O ₃	1.5%	Calcium Carbonate Equiv.			CCE	85.0%
Sulfur	as S	0.1%					

III. QUALITY DATA:

TEST	TEST DATE	ROCKFILL	Product											
			1	2	357	57	68	78	8	10	B SAND	LIME	9	
* SPECIFIC GRAVITY *														
BULK (ASPHALT)	5/24		2.711	2.705	2.705	2.693	2.694	2.692	2.691	2.697	2.679	2.671	2.660	2.680
BULK - SSD (CONCRETE)	5/24		2.714	2.712	2.713	2.704	2.704	2.702	2.705	2.713	2.697	2.689	2.681	2.692
APPARENT	5/24		2.720	2.724	2.727	2.723	2.722	2.720	2.730	2.743	2.729	2.720	2.718	2.712
% ABSORPTION	5/24		0.2%	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%	0.6%	0.7%	0.7%	0.8%	0.4%
* LOS ANGELES DEGRADATION *														
GRADING A % LOSS	5/24	20.8%												
GRADING B % LOSS	5/24	20.7%												
GRADING C % LOSS	5/24	18.9%												
SOUNDNESS % LOSS (Magnesium Sulfate)	5/24		0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	7.0%	10.3%	7.1%	3.9%
SOUNDNESS % LOSS (Sodium Sulfate)														
* SUPERPAVE *														
ASTM C1252 % VOIDS (METH A)	5/24										46.5%	44.1%		
AASHTO T 176 SAND EQUIVALENT	5/24										81	80		
ASTM D4791 % F & E (5:1)	5/24				0.3%	0.3%	0.4%	0.1%	0.1%					