



2025

Product Data Sheet
Plant: Rich Patch

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

II. CHEMICAL ANALYSIS (MARCH 2025) :

Silica	as SiO ₂	7.6%	Calcium	as CaO	47.2%	as CaCO ₃	77.0%
Iron	as Fe ₂ O ₃	0.9%	Magnesium	as MgO	2.6%	as MgCO ₃	12.0%
Aluminum	as Al ₂ O ₃	1.9%	Calcium Carbonate Equiv.			CCE	85.0%
Sulfur	as S	0.1%					

III. QUALITY DATA:

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TEST	TEST DATE		ROCKFILL	1	2	357	57	68	78	8	10	B SAND	LIME	9
* SPECIFIC GRAVITY *														
BULK (ASPHALT)	5/24		2.713	2.700	2.706	2.700	2.695	2.695	2.694	2.696	2.678	2.682	2.668	2.686
BULK - SSD (CONCRETE)	5/24		2.719	2.708	2.714	2.710	2.707	2.706	2.709	2.709	2.700	2.706	2.691	2.702
APPARENT	5/24		2.730	2.723	2.727	2.728	2.726	2.726	2.736	2.733	2.740	2.747	2.732	2.728
% ABSORPTION	5/24		0.2%	0.3%	0.3%	0.4%	0.4%	0.4%	0.6%	0.5%	0.8%	0.9%	0.9%	0.6%
DRY RODDED (LBS/CUBIC FT)	5/24		94.7	98.9	98.5	103.8	97.8	99.6	96.1	95.9	107.1	95.1	94.8	98.4
DRY RODDED (LBS/CUBIC YARD)	5/24		2556.9	2670.3	2659.5	2802.6	2640.6	2689.2	2594.7	2589.3	2891.7	2567.7	2559.6	2656.8
DRY RODDED (% VOIDS)	5/24		44.0%	41.3%	41.7%	38.4%	41.8%	40.8%	42.9%	43.0%	35.9%	43.2%	43.1%	41.3%
DRY RODDED (Kg/Cubic Meter)	5/24		1516.9	1584.2	1577.8	1662.7	1566.6	1595.4	1539.4	1536.2	1715.6	1523.3	1518.5	1576.2
VTM-5 % VOIDS IN STONE SAND	5/24										46.5%	46.9%		
ASTM C1252 % VOIDS (METH B)	5/24										51.9%	51.7%		
ASTM C1252 % VOIDS (METH C)	5/24										40.1%	49.1%		
ASTM D4791 % F & E (3:1)	5/24					6.8%	6.5%	12.1%	15.1%	22.4%				
* LOS ANGELES DEGRADATION *														
GRADING A % LOSS	5/24	23.1%												
GRADING B % LOSS	5/24	19.3%												
GRADING C % LOSS	5/24	19.0%												
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										48.3%	47.8%		
AASHTO T 176 SAND EQUIVALENT	5/24										85	64		
ASTM D4791 % F & E (5:1)	5/24					0.2%	0.2%	0.1%	0.0%	0.0%				