



Material Data Sheet  
**4 x 1 Limestone**  
**Product Code 410**

Sieve Size		Specification	Sieve Size		Typical Gradation
Inch	Metric	% Passing	Inch	Metric	% Passing
4"	100.0mm	100	4"	100.0mm	100
3 1/2"	90.0mm	90-100	3 1/2"	90.0mm	97
3"	75.0mm	---	3"	75.0mm	82
2 1/2"	53.0mm	25-60	2 1/2"	53.0mm	52
2"	50.0mm	---	2"	50.0mm	22
1 1/2"	37.5mm	0-15	1 1/2"	37.5mm	9
1"	25.0mm	0-5	1"	25.0mm	2
3/4"	19.0mm	---	3/4"	19.0mm	1
1/2"	12.5mm	---	1/2"	12.5mm	1

  

Specific Gravity			
Dry Bulk	2.669		ASTM C127 and AASHTO T85
S.S.D.	2.687		ASTM C127 and AASHTO T85
APP	2.720		ASTM C127 and AASHTO T85
Absorption	0.70		ASTM C127 and AASHTO T85

  

Los Angeles Abrasion			
Grading	A	% Loss by mass	20% ASTM C131 and AASHTO T96

  

Sodium Sulfate Soundness			
Weighted Averaged % Loss	1%		ASTM C88 and AASHTO T104

  

Unit WT. Lb. Cubic Foot			
Dry Loose	85	lbs. pcf	ASTM C29 and AASHTO T19
Dry Rodded	94	lbs. pcf	ASTM C29 and AASHTO T19

Slats Lucas Quarry is providing these test results for information purposes only. There are a variety of test that can be used in connection with determining suitability of aggregates in specific applications and a variety of methods to mitigate potential degradation and deterioration depending upon the end use of the product and other circumstances. Nothing in this Material Data Sheet represents or warrants (1) the reliability of the tests used herein (2) whether other tests would be more appropriate or reliable, and/or (3) whether any mitigation factors referenced in this Material Data Sheet are effective or the most appropriate, all of which you would determine based on the end use and other factors. SLATS LUCAS QUARRY AND ITS AFFILIATES HEREBY EXCLUDES AND ALL WARRANTIES OF MERCHANTABILITY AND ALL WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AS TO THE PERFORMANCE OF ITS AGGREGATES.