



Lonestar Alpha Laboratories

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TEST CERTIFICATE

Report No.	LMCIV-870785/2	Date Reported	25 th April 2016
Customer Ref.	-	Date Received	19 th April 2016

Information Provided by the Customer

Customer For LAL	M/s. Stones World International Company LLC
Project	General
Project Customer	General
Consultant	General
Sample Description	Marble Stone (Olive Brown)

Sampled By	Customer	Sampling Date	Not Given
Sampled Brought By	Customer	Sampling Method	Not Given
Source of Sample	Not Given	Sampling Location	Not Given

Information Provided by Laboratory

Date Sample Tested	19 th April 2016	Test Location	LAL Muscat
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1. (i) Compressive Strength (ASTM C 170/C170M-2016)

Sample No.	Dry (MPa)
CIV-03261/1	151.0
CIV-03261/2	168.1
CIV-03261/3	167.7
CIV-03261/4	178.2
CIV-03261/5	153.6
Mean	163.7

(ii) Compressive Strength (ASTM C 170/C170M-2016)

Sample No.	Wet (MPa)
CIV-03261/6	143.7
CIV-03261/7	164.5
CIV-03261/8	162.8
CIV-03261/9	142.7
CIV-03261/10	153.0
Mean	153.3

2. Density (ASTM C 97/C97M-2015)

Sample No.	Bulk Specific Gravity	Unit Weight (kg/m ³)	Water Absorption %
CIV-03261/11	2.658	2671	0.5
CIV-03261/12	2.664	2675	0.4
CIV-03261/13	2.655	2669	0.5
CIV-03261/14	2.655	2669	0.5
CIV-03261/15	2.656	2670	0.5
Mean	2.657	2671	0.5





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3. (i) Flexural Strength (ASTM C 880/C880M-2015)

Sample No.	Dry (MPa)
CIV-03261/16	8.7
CIV-03261/17	9.6
CIV-03261/18	9.9
CIV-03261/19	10.7
CIV-03261/20	9.2
Mean	9.6

(ii) Flexural Strength (ASTM C 880/C880M-2015)

Sample No.	Wet (MPa)
CIV-03261/21	7.8
CIV-03261/22	8.0
CIV-03261/23	7.2
CIV-03261/24	8.6
CIV-03261/25	9.6
Mean	8.2

4. (i) Modulus of Rupture (ASTM C 99/C99M-2015)

Sample No.	Dry (MPa)
CIV-03261/26	8.1
CIV-03261/27	7.4
CIV-03261/28	6.9
CIV-03261/29	7.8
CIV-03261/30	7.8
Mean	7.6

(ii) Modulus of Rupture (ASTM C 99/C99M-2009)

Sample No.	Wet (MPa)
CIV-03261/31	6.6
CIV-03261/32	7.2
CIV-03261/33	6.8
CIV-03261/34	6.8
CIV-03261/35	6.4
Mean	6.7

For and on behalf of Lonestar Alpha Laboratories
Muscat

Naresh Paladugu
Asst. Manager - Civil

