



COMPRESSIVE STRENGTH OF DIMENSION STONE (DRY)

Performed in general accordance with ASTM C 170

Client: Earthstone Products, LLC
 Project No.: 62M-0226
 Project: Granite Laboratory Tests
 Attention: Mr. John Tesh
 Name of Stone: Granite Sample-Polished Top

Report Date: 7/29/2010
 Stone Sampling Date: unknown
 Stone Test Completion Date: 7/26/2010
 Irregularities in Test Procedure: Granite samples supplied were approx. 1.2 inches in height;
could not cut and test a 2-inch cube. Load applied
perpendicular to polished top of sample.

DRY CONDITION COMPRESSIVE STRENGTH

Sample Dimensions	Load Applied Perpendicular to Plane of Stone									
	Specimen 1		Specimen 2		Specimen 3		Specimen 4		Specimen 5	
Height (in)	<u>1.18</u>	in	<u>1.21</u>	in	<u>1.19</u>	in	<u>1.22</u>	in	<u>1.15</u>	in
Length (in)	<u>2.06</u>	in	<u>2.11</u>	in	<u>2.04</u>	in	<u>2.27</u>	in	<u>2.09</u>	in
Width (in)	<u>1.98</u>	in	<u>1.98</u>	in	<u>2.02</u>	in	<u>2.10</u>	in	<u>1.92</u>	in
A (in ²) =	<u>4.08</u>	in ²	<u>4.18</u>	in ²	<u>4.12</u>	in ²	<u>4.77</u>	in ²	<u>4.01</u>	in ²

Oven Dry Weight	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5					
	<u>205.32</u>	gm	<u>214.40</u>	gm	<u>206.84</u>	gm	<u>244.52</u>	gm	<u>193.66</u>	gm

Compressive Strength	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5					
	<u>69,660</u>	lb	<u>67,930</u>	lb	<u>83,140</u>	lb	<u>68,250</u>	lb	<u>70,550</u>	lb

Compressive Strength (psi) =	<u>17,080</u>	psi	<u>16,260</u>	psi	<u>20,180</u>	psi	<u>14,320</u>	psi	<u>17,580</u>	psi	avg =	<u>17,080</u>	psi
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