

c/o PSI Harlingen

DATE: 10/04/07

PROJECT No.: Not Specified

Sample Type: Dimension Stone

Test Method: Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone (ASTM C97-02)

Dimension Stone was delivered to our office on 09/24/07. As per ASTM C97-02, 5 specimens each of various sizes (2"x2"x2", 2 1/2"x2 1/4"x2 1/4", 3"x3"x3" and 3 1/2"x3 1/2"x3 1/2") were selected for testing Bulk Specific Gravity and absorption.

The results are as follows:

2"x2"x2"

Dry weight:	1711.9g	Ratio of surface area to volume:	0.33
SSD weight:	1712.4g	Bulk Specific Gravity (OD):	2.80
Weight in water:	1100.5g	Bulk Specific Gravity (SSD):	2.80
		Absorption:	0.03%

2 1/2"x2 1/4"x2 1/4"

Dry weight:	3534.4g	Ratio of surface area to volume:	0.41
SSD weight:	3540.0g	Bulk Specific Gravity (OD):	2.74
Weight in water:	2251.9g	Bulk Specific Gravity (SSD):	2.75
		Absorption:	0.16%

3"x3"x3"

Dry weight:	6092.8g	Ratio of surface area to volume:	0.5
SSD weight:	6109.7g	Bulk Specific Gravity (OD):	2.66
Weight in water:	3822.0g	Bulk Specific Gravity (SSD):	2.67
		Absorption:	0.28%

Mean Water Absorption (of all specimens tested): 0.24%

Tested by: Robert Latiolait