

Resistance to Freezing and Thawing from ASTM C 1364-03

Project Name: Harvey Cement C 1364 Testing **Report Date:** April 27, 2006
Client: QORE **Sample I.D.:** 06-043
Project Number: TEC 05-0545 **Date Received:** February 17, 2006


Specimen ID	Mass of Beam After 300 Cycles, grams	Mass of Residue After 300 Cycles, grams	Mass of Beam and Residue After 300 Cycles, grams	Percentage Loss, %
1A 4Q (5) PLUS	6831.7	179.8	7011.5	3%
1B 4Q (5) PLUS	6905.2	130.6	7035.8	2%
1C 4Q (5) PLUS	6837.7	173.2	7010.9	2%
Average				2%
2A 32 oz.	6476.7	215.6	6692.3	3%
2B 32 oz.	7070.0	40.7	7110.7	1%
2C 32 oz.	6856.0	175.5	7031.5	2%
Average				2%
3A 28 oz.	6837.3	210.3	7047.6	3%
3B 28 oz.	6779.1	227.4	7006.5	3%
3C 28 oz.	6905.3	173.9	7079.2	2%
Average				3%
4A 25 oz.	6917.1	196.0	7113.1	3%
4B 25 oz.	6840.9	226.4	7067.3	3%
4C 25 oz.	6758.8	216.7	6975.5	3%
Average				3%

All sample comply with the resistance to freezing and thawing in section 5.6.3 of ASTM C 1364 *Standard Specification for Architectural Cast Stone* which states that the cumulative percent mass loss shall be less that 5% after 300 cycles.

Submitted by,



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