



Plant: Georgia Masonry Supply Job No: 19856 Report Date: 5/21/07
 Client: Georgia Masonry Supply Report No: 342306 Received Date: 5/14/07
 Unit ID: 8-inch Quick Brick

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	2A	2B	2C	Average
Received weight, lbs	16.73	16.44	16.27	16.48
Width, inches	7.63	7.63	7.65	7.64
Height, inches	3.62	3.57	3.58	3.59
Length, inches	15.55	15.55	15.55	15.55
Immersed weight, lbs	9.61	9.35	9.22	9.39
Saturated weight, lbs	17.24	16.97	16.82	17.01
Dry weight, lbs	16.21	15.89	15.74	15.95
Absorption, %	6.4	6.8	6.9	6.7
Absorption, pcf	8.4	8.8	8.9	8.7
Density, pcf	132.6	130.1	129.2	130.6


Compressive Strength (test date 5/19/07)

Specimen No	2D	2E	2F	Average
Received Weight, lbs	16.70	16.47	16.17	16.45
Gross Area, in ²	118.8	118.8	118.8	118.8
Average Net Area, in ²	58.8	58.8	58.8	58.8
Load, lbs	214,730	194,160	199,070	202,650
Gross Area Compressive Strength, psi	1,810	1,630	1,680	1,710
Net Area Compressive Strength, psi	3,650	3,300	3,390	3,450

Dimensions

Specimen No	2A	2B	2C	Average
Face Shell Thickness, inches	1.24	1.25	1.25	1.25
Web Thickness, inches	1.2	1.2	1.2	1.2
Equivalent Web Thickness, inches	2.7	2.7	2.7	2.7
Equivalent Thickness, inches	3.8	3.8	3.8	3.8

These results comply with the compressive strength, absorption and dimensional requirements of ASTM C90. Tests were performed in accordance with ASTM C140.

Submitted by,

 Russell Scribner
 Materials Laboratory Manager

Report Distribution:
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