



Q O R E
PROPERTY SCIENCES

Plant: Georgia Masonry Supply Job No: 19856 Report Date: 5/21/07
 Client: Georgia Masonry Supply Report No: 342307 Received Date: 5/14/07
 Unit ID: 12-inch Quick Brick

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	3A	3B	3C	Average
Received weight, lbs	23.97	23.65	23.40	23.67
Width, inches	11.63	11.61	11.61	11.62
Height, inches	3.68	3.70	3.67	3.68
Length, inches	15.54	15.52	15.51	15.52
Immersed weight, lbs	13.74	13.46	13.47	13.56
Saturated weight, lbs	25.12	24.77	24.71	24.87
Dry weight, lbs	23.30	22.90	22.68	22.96
Absorption, %	7.8	8.2	9.0	8.3
Absorption, pcf	10.0	10.3	11.3	10.5
Density, pcf	127.8	126.3	125.9	126.7

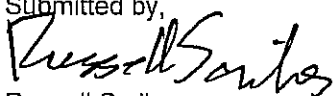
Compressive Strength (test date 5/19/07)

Specimen No	3D	3E	3F	Average
Received Weight, lbs	23.95	23.60	23.48	23.68
Gross Area, in ²	180.3	180.3	180.3	180.3
Average Net Area, in ²	85.1	85.1	85.1	85.1
Load, lbs	243,530	251,820	252,740	249,360
Gross Area Compressive Strength, psi	1,350	1,400	1,400	1,380
Net Area Compressive Strength, psi	2,860	2,960	2,970	2,930

Dimensions

Specimen No	3A	3B	3C	Average
Face Shell Thickness, inches	1.50	1.50	1.50	1.50
Web Thickness, inches	1.4	1.4	1.4	1.4
Equivalent Web Thickness, inches	3.2	3.3	3.3	3.3
Equivalent Thickness, inches	5.5	5.5	5.5	5.5

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:
 GMS / Mr. Leonard Earp