



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 09-74

Report Date: 8/18/2009

Unit ID: 8 x 8 x 16 Regular Normal Weight

## Concrete Masonry Unit Testing

### Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	35.57	35.9	36.05	35.84
Width, inches	7.67	7.66	7.65	7.66
Height, inches	7.62	7.66	7.63	7.64
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	20.48	20.70	20.75	20.64
Saturated weight, lbs	37.68	38.00	38.01	37.90
Dry weight, lbs	34.98	35.43	36.07	35.49
Absorption, %	8.0	7.8	7.3	7.7
Absorption, pcf	10.1	9.9	9.4	9.8
Density, pcf	126.6	127.2	128.0	127.3

### Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.30	1.33	1.32	1.32
Minimum Web Thickness, inches	1.1	1.1	1.1	1.1
Equivalent Web Thickness, inches	2.9	2.9	2.8	2.9
Equivalent Thickness, inches	4.0	4.0	4.0	4.0

### Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	35.57	35.9	36.05	35.84
Gross Area, sqin	119.7	119.7	119.7	119.7
Average Net Area, sqin	62.6	62.6	62.6	62.6
Load, lbs	152440	154560	156300	154430
Gross Area Compressive Strength, psi	1270	1290	1310	1290
Net Area Compressive Strength, psi	2440	2470	2500	2470

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

Submitted by,

Alan Kramer  
Quality Manager  
Georgia Masonry Supply