



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 09-17

Report Date: 3/4/2009

Unit ID: 8 x 8 x 16 Light Weight Greenline CMU

### Concrete Masonry Unit Testing

#### Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	28.88	29.21	29.60	29.23
Width, inches	7.66	7.68	7.64	7.66
Height, inches	7.63	7.66	7.67	7.65
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	13.95	14.13	14.39	14.16
Saturated weight, lbs	30.54	30.84	31.09	30.82
Dry weight, lbs	26.34	26.72	26.77	26.61
Absorption, %	16.0	15.4	16.1	15.8
Absorption, pcf	15.8	15.4	16.1	15.8
Density, pcf	99.1	99.8	100.0	99.6

#### Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.30	1.31	1.30	1.30
Minimum Web Thickness, inches	1.1	1.0	1.0	1.0
Equivalent Web Thickness, inches	2.8	2.8	2.8	2.8
Equivalent Thickness, inches	3.9	3.9	3.9	3.9

#### Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	29.07	29.23	29.31	29.20
Gross Area, sqin	119.6	119.6	119.6	119.6
Average Net Area, sqin	60.3	60.3	60.3	60.3
Load, lbs	168130	157990	132000	152710
Gross Area Compressive Strength, psi	1410	1320	1100	1280
Net Area Compressive Strength, psi	2790	2620	2190	2530

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