



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-67

Report Date: 5/20/2010

Unit ID: 6 x 8 x 16 Regular Light Weight

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	24.89	25.12	25.85	25.29
Width, inches	5.65	5.64	5.65	5.65
Height, inches	7.68	7.67	7.66	7.67
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	12.72	12.78	12.64	12.71
Saturated weight, lbs	27.20	27.35	27.11	27.22
Dry weight, lbs	23.76	24.10	23.82	23.89
Absorption, %	14.5	13.5	13.8	13.9
Absorption, pcf	14.8	13.9	14.2	14.3
Density, pcf	102.4	103.2	102.7	102.8

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.15	1.18	1.17	1.17
Minimum Web Thickness, inches	1.1	1.1	1.0	1.1
Equivalent Web Thickness, inches	2.9	2.9	2.9	2.9
Equivalent Thickness, inches	3.3	3.4	3.4	3.4

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	24.80	25.11	25.32	25.08
Gross Area, sqin	88.2	88.2	88.2	88.2
Average Net Area, sqin	52.4	52.4	52.4	52.4
Load, lbs	121660	127090	126440	125060
Gross Area Compressive Strength, psi	1380	1440	1430	1420
Net Area Compressive Strength, psi	2320	2430	2410	2390

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