



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 09-99

Report Date: 8/10/2009

Unit ID: 6 x 8 x 16 68% solid MW

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	31.47	31.69	31.71	31.62
Width, inches	5.66	5.67	5.68	5.67
Height, inches	7.59	7.62	7.60	7.60
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	15.88	15.93	15.91	15.91
Saturated weight, lbs	33.21	33.36	33.31	33.29
Dry weight, lbs	29.51	29.55	29.42	29.49
Absorption, %	12.5	12.9	13.2	12.9
Absorption, pcf	13.3	13.6	14.0	13.6
Density, pcf	106.3	105.8	105.5	105.9

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.66	1.67	1.67	1.67
Minimum Web Thickness, inches	1.0	1.1	1.1	1.1
Equivalent Web Thickness, inches	3.1	3.2	3.2	3.2
Equivalent Thickness, inches	4.0	4.1	4.1	4.1

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	31.80	31.91	32.20	31.97
Gross Area, sqin	88.6	88.6	88.6	88.6
Average Net Area, sqin	63.3	63.3	63.3	63.3
Load, lbs	170200	172870	186540	176540
Gross Area Compressive Strength, psi	1920	1950	2110	1990
Net Area Compressive Strength, psi	2690	2730	2950	2790

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