



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 09-59

Report Date: 6/23/2009

Unit ID: 8 x 8 x 16 Regular Light Weight

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	29.02	29.24	29.52	29.26
Width, inches	7.62	7.65	7.65	7.64
Height, inches	7.54	7.60	7.59	7.58
Length, inches	15.63	15.63	15.59	15.62
Immersed weight, lbs	14.21	14.34	14.41	14.32
Saturated weight, lbs	30.87	31.14	31.23	31.08
Dry weight, lbs	27.49	27.74	27.98	27.74
Absorption, %	12.3	12.3	11.6	12.1
Absorption, pcf	12.7	12.6	12.1	12.5
Density, pcf	103.0	103.0	103.8	103.3

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.30	1.31	1.31	1.31
Minimum Web Thickness, inches	1.1	1.1	1.1	1.1
Equivalent Web Thickness, inches	2.5	2.6	2.6	2.6
Equivalent Thickness, inches	3.9	3.9	3.9	3.9

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	29.02	29.24	29.52	29.26
Gross Area, sqin	119.3	119.3	119.3	119.3
Average Net Area, sqin	61.3	61.3	61.3	61.3
Load, lbs	130700	133480	138580	134250
Gross Area Compressive Strength, psi	1100	1120	1160	1130
Net Area Compressive Strength, psi	2130	2180	2260	2190

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