



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 09-80

Report Date: 8/19/2009

Unit ID: 8 x 8 x 16 2 Hour UL Light Weight

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	25.09	25.25	25.53	25.29
Width, inches	7.61	7.64	7.66	7.64
Height, inches	7.66	7.67	7.67	7.67
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	8.69	8.84	8.71	8.75
Saturated weight, lbs	26.16	26.51	26.25	26.31
Dry weight, lbs	22.17	22.09	21.91	22.06
Absorption, %	18.0	20.0	19.8	19.3
Absorption, pcf	14.3	15.6	15.4	15.1
Density, pcf	79.2	78.0	77.9	78.4

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.27	1.27	1.28	1.27
Minimum Web Thickness, inches	1.1	1.1	1.1	1.1
Equivalent Web Thickness, inches	2.8	2.8	2.8	2.8
Equivalent Thickness, inches	4.0	4.1	4.0	4.0

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	23.87	24.40	24.51	24.26
Gross Area, sqin	119.4	119.4	119.4	119.4
Average Net Area, sqin	63.4	63.4	63.4	63.4
Load, lbs	149700	154500	155110	153100
Gross Area Compressive Strength, psi	1250	1290	1300	1280
Net Area Compressive Strength, psi	2360	2440	2450	2410

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