



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-06

Report Date: 1/12/2010

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

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	27.40	28.19	29.97	28.52
Width, inches	7.66	7.65	7.65	7.65
Height, inches	7.57	7.58	7.58	7.58
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	13.97	14.40	15.28	14.55
Saturated weight, lbs	30.98	31.63	33.69	32.10
Dry weight, lbs	27.31	28.10	29.87	28.43
Absorption, %	13.4	12.6	12.8	12.9
Absorption, pcf	13.5	12.8	12.9	13.1
Density, pcf	100.2	101.8	101.2	101.1

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.27	1.29	1.27	1.28
Minimum Web Thickness, inches	1	1	1.1	1.0
Equivalent Web Thickness, inches	2.4	2.4	2.7	2.5
Equivalent Thickness, inches	4.0	4.0	4.3	4.1

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	29.80	29.94	31.76	30.50
Gross Area, sqin	119.6	119.6	119.6	119.6
Average Net Area, sqin	64.1	64.1	64.1	64.1
Load, lbs	159250	160080	154610	157980
Gross Area Compressive Strength, psi	1330	1340	1290	1320
Net Area Compressive Strength, psi	2480	2500	2410	2460

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