



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-60

Report Date: 12/11/2009

Unit ID: 12 x 4 x 16 Quik Brik Normal Weight

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	24.88	25.01	25.95	25.28
Width, inches	11.60	11.60	11.64	11.63
Height, inches	3.59	3.60	3.67	3.62
Length, inches	15.50	15.50	15.50	15.50
Immersed weight, lbs	14.14	14.27	14.86	14.42
Saturated weight, lbs	25.27	25.45	26.34	25.69
Dry weight, lbs	24.47	24.55	25.51	24.84
Absorption, %	3.3	3.7	3.3	3.4
Absorption, pcf	4.5	5.0	4.5	4.7
Density, pcf	137.2	137.0	138.7	137.6

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.52	1.53	1.52	1.52
Minimum Web Thickness, inches	1.3	1.3	1.3	1.3
Equivalent Web Thickness, inches	3.4	3.4	3.4	3.4
Equivalent Thickness, inches	5.5	5.6	5.6	5.6

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	24.96	24.98	25.68	25.21
Gross Area, sqin	180.0	180.0	180.0	180.0
Average Net Area, sqin	86.2	86.2	86.2	86.2
Load, lbs	326120	324060	347910	332700
Gross Area Compressive Strength, psi	1810	1800	1930	1850
Net Area Compressive Strength, psi	3780	3760	4040	3860

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