



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-62

Report Date: 6/16/2010

Unit ID: 8 x 8 x 16 Split Face, Architectural Unit Normal Weight

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	36.58	37.98	40.83	38.46
Width, inches	7.56	7.65	7.64	7.62
Height, inches	7.57	7.58	7.60	7.58
Length, inches	15.56	15.56	15.56	15.56
Immersed weight, lbs	21.12	21.91	23.70	22.24
Saturated weight, lbs	37.84	39.09	42.03	39.65
Dry weight, lbs	35.61	36.92	40.07	37.53
Absorption, %	6.3	5.9	4.9	5.7
Absorption, pcf	8.3	7.9	6.7	7.6
Density, pcf	132.9	134.1	136.4	134.5

Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.32	1.34	1.33	1.33
Minimum Web Thickness, inches	1.0	1.0	1.0	1.0
Equivalent Web Thickness, inches	2.5	2.4	2.4	2.4
Equivalent Thickness, inches	3.9	4.0	4.3	4.1

Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	36.92	36.97	40.24	38.04
Gross Area, sqin	120.1	120.1	120.1	120.1
Average Net Area, sqin	63.6	63.6	63.6	63.6
Load, lbs	256830	251700	277560	262030
Gross Area Compressive Strength, psi	2140	2100	2310	2180
Net Area Compressive Strength, psi	4040	3960	4360	4120

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