



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-64

Report Date: 6/16/2010

Unit ID: 12 x 8 x 16 Split Face, Architectural Units Normal Weight

### Concrete Masonry Unit Testing

#### Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	57.03	58.21	59.51	58.25
Width, inches	11.64	11.67	11.76	11.63
Height, inches	7.64	7.59	7.59	7.61
Length, inches	15.56	15.56	15.56	15.56
Immersed weight, lbs	33.03	33.43	34.19	33.55
Saturated weight, lbs	59.12	59.82	61.21	60.05
Dry weight, lbs	56.07	57.01	58.33	57.14
Absorption, %	5.4	4.9	4.9	5.1
Absorption, pcf	7.3	6.6	6.7	6.9
Density, pcf	134.1	134.8	134.7	134.5

#### Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.57	1.58	1.57	1.57
Minimum Web Thickness, inches	1.2	1.3	1.3	1.3
Equivalent Web Thickness, inches	3.0	3.0	3.0	3.0
Equivalent Thickness, inches	6.1	6.2	6.3	6.2

#### Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	58.64	58.69	58.78	58.70
Gross Area, sqin	181.9	181.9	181.9	181.9
Average Net Area, sqin	96.5	96.5	96.5	96.5
Load, lbs	391270	398900	395440	395200
Gross Area Compressive Strength, psi	2150	2190	2170	2170
Net Area Compressive Strength, psi	4050	4130	4100	4090

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