



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-20

Report Date: 2/23/2010

Unit ID: 12 x 8 x 16 Regular Light Weight

### Concrete Masonry Unit Testing

#### Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	41.66	42.39	43.93	42.66
Width, inches	11.66	11.66	11.63	11.65
Height, inches	7.62	7.64	7.59	7.62
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	21.05	21.39	21.94	21.46
Saturated weight, lbs	44.72	45.19	46.37	45.43
Dry weight, lbs	39.21	39.54	40.79	39.85
Absorption, %	14.1	14.3	13.7	14.0
Absorption, pcf	14.5	14.8	14.3	14.5
Density, pcf	103.4	103.7	104.2	103.8

#### Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.57	1.57	1.54	1.56
Minimum Web Thickness, inches	1.2	1.3	1.3	1.3
Equivalent Web Thickness, inches	3.0	3.0	3.5	3.2
Equivalent Thickness, inches	5.5	5.5	5.7	5.6

#### Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	42.03	42.19	43.13	42.45
Gross Area, sqin	182.0	182.0	182.0	182.0
Average Net Area, sqin	87.1	87.1	87.1	87.1
Load, lbs	218540	207600	207900	211350
Gross Area Compressive Strength, psi	1200	1140	1140	1160
Net Area Compressive Strength, psi	2510	2380	2390	2430

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