

ENGINEERS LABORATORIES, INC.

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Materials & Soils Testing

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October 5, 2010

Job No. 96-012

Columbus Brick Co.
P.O. Box 9630
Columbus, MS 39705

Re: Plant 1
Brown Body, Clear Burn
Modular

Gentlemen:

Tabulated below are results of laboratory tests performed at your request. These tests were performed in accordance with ASTM Designation: **C-67**

Unit No.	Dimensions Inches		Compressive Strength Test			Initial Rate of Absorption (Suction in Grams per 1-Min.)		
	L	W	Total Load Lbs.	Gross Area Sq. Inches	PSI	Unit No.	Initial Rate of Absorption	% Void
1	3.80	3.45	135,000	13.11	10,300	1	15.70	24.20
2	3.85	3.48	142,000	13.40	10,600	2	17.40	23.20
3	3.80	3.50	128,000	13.30	9,620	3	15.60	23.40
4	3.78	3.48	141,000	13.15	10,750	4	15.20	23.70
5	3.80	3.45	133,000	13.11	10,750	5	15.30	22.50
Average of 5 Units:					10,400		15.80	23.4

Unit No.	Per Cent Water Absorption 24 Hour Submersion in Cold Water			Per Cent Absorption - 5 Hours Boiling Method			
	Dry Weight Grams	Wet Weight Grams	% Absorption	Dry Weight Grams	Wet Weight Grams	% Absorption	Sat. Coeff.
1	762.2	812.6	6.61	762.2	835.0	9.55	.69
2	754.5	808.3	7.13	754.5	829.0	9.87	.72
3	760.3	814.7	7.15	760.3	834.6	9.77	.73
4	783.1	837.5	6.94	783.1	859.5	9.75	.71
5	751.3	805.3	7.18	751.3	824.9	9.79	.73
Average of 5 Units:			7.0			9.74	.72

These test results meet the requirements of ASTM Designation: **C-216, Grade SW, Type FBA**
These brick were rated "Not Effloresced". We trust that this is the information required at this time.

Yours very truly,

ENGINEERS LABORATORIES, INC.



R. Bruce Shofner

RBS/cc