

# ELI, LLC

359 Long Cove Drive  
Madison, MS 39110

Soils & Materials Testing  
elillc2016@gmail.com

Phone: (601) 956-3041  
Fax: (601) 956-9960

August 1, 2016

Job No. 16-037

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

Re: Plant 1  
Brown Clear 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		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	3.77	3.81	105,500	14.36	7,350	1	16.77	27.5	28.8
2	3.86	3.85	110,000	14.86	7,400	2	18.13	27.0	29.2
3	3.73	3.75	102,500	13.99	7,330	3	15.94	28.2	27.9
4	3.75	3.77	100,000	14.14	7,070	4	16.74	27.9	28.1
5	3.70	3.73	99,000	13.80	7,170	5	16.74	28.3	28.1
Average of 5 Units:					7,260		16.86	Average of 10 Units: 28.1	

Per Cent Water Absorption  
24 Hour Submersion in Cold Water

Per Cent Absorption - 5 Hours  
Boiling Method

Unit No.	Dry Weight Grams	Wet Weight Grams	% Absorption	Dry Weight Grams	Wet Weight Grams	% Absorption	Sat. Coeff.
1	757.7	804.2	6.14	757.7	827.0	9.15	.67
2	750.1	797.1	6.27	750.1	818.2	9.08	.69
3	757.9	805.7	6.31	757.9	828.1	9.26	.68
4	778.2	827.4	6.32	778.2	850.0	9.23	.68
5	748.7	795.8	6.29	748.7	818.0	9.26	.68
Average of 5 Units:			6.27			9.20	.68

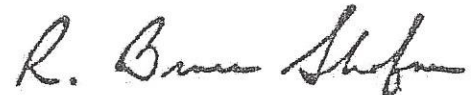
These test results meet the requirements of ASTM Designation: C-652, Grade SW

These brick are rated "Not Effloresced".

We trust that this is the information required at this time.

Yours very truly,

ENGINEERS LABORATORIES, INC.



R. Bruce Shofner