

Results of Tests on Brick conducted in accordance with ASTM C67-11 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

02/21/2012

Name:	Palmetto Brick Company P. O. Box 430 Cheraw, SC 29520-0430	Plant:	Palmetto Brick Company
Phone:	843-320-1137	Report Number:	PALB-0045
Fax:	843-537-4802	Sampled Date:	01/23/2012
		Lot:	
		Product Code:	

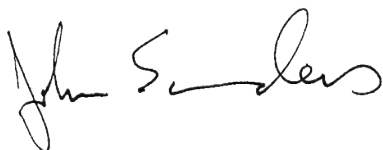
Sample Description: **White Stone Body**

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	4.57	4.15	4.46	4.35	4.49	4.40	02/01/2012
5 Hour Submersion in Boiling Water (%)	8.05	7.12	7.69	7.39	7.36	7.52	
Saturation Coefficient (Ratio of 24H to 5H)	0.57	0.58	0.58	0.59	0.61	0.59	
Compressive Strength	1	2	3	4	5	Average	
psi	13,083	15,276	13,923	11,870	15,059	13,842	02/02/2012
MPa	90.2	105.3	96.0	81.8	103.8	95.4	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		02/17/2012
IRA	6	7	8	9	10	Average	
g/min/30 in.²	9.1	8.6	10.7	8.3	8.6	9.1	02/02/2012
Average % Void	24.6						01/30/2012

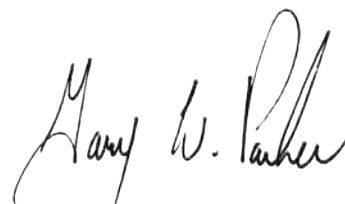
The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 11 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)

Grade: SW, MW



John Sanders, Ph.D., PE, Associate Director for Operations



Gary W. Parker, Laboratory Supervisor