

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

05/08/2013

Name:	Pine Hall Brick Company, Inc P. O. Box 836 Madison, NC 27025	Plant:	Madison
Phone:	336-548-6007	Report Number:	PHB-0079
Fax:	336-548-1837	Sampled Date:	04/15/2013
		Lot:	
		Product Code:	

Sample Description: **English Edge HD Shale Body**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		3.30	3.38	3.24	2.96	2.89	3.15
5 Hour Submersion in Boiling Water (%)		6.00	6.16	5.94	5.85	5.70	5.93
Saturation Coefficient (Ratio of 24H to 5H)		0.55	0.55	0.55	0.51	0.51	0.53
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	19,285	16,228	16,305	14,983	16,359	16,632
	<i>MPa</i>	133.0	111.9	112.4	103.3	112.8	114.7
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	1,548	1,203	975	1,429	1,223	1,276
Efflorescence		11	12	13	14	15	
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	04/30/2013
Abrasion Resistance		1	2	3	4	5	Average
		0.02	0.02	0.02	0.02	0.02	0.02

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

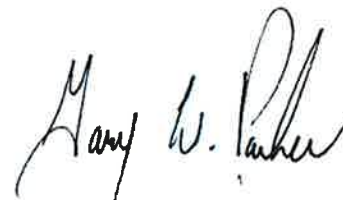
ASTM C 1272 - 11 Standard Specification for Heavy Vehicular Paving Brick

Type: R, F

Application: PS, PA



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor