

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

Testing Brick and Structural Clay Tile

06/14/2013

Name:	Pine Hall Brick Company, Inc P. O. Box 836 Madison, NC 27025	Plant:	Madison
Phone:	336-548-6007	Report Number:	PHB-0080
Fax:	336-548-1837	Sampled Date:	05/30/2013
		Lot:	
		Product Code:	

Sample Description: **Madison Base 4" x 8" x 2.25"**

							Test Date
<b>Absorption</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
24 Hour Submersion in Cold Water (%)		4.56	3.75	3.23	3.92	4.59	4.01
5 Hour Submersion in Boiling Water (%)		7.27	6.31	5.79	6.58	7.27	6.65
Saturation Coefficient (Ratio of 24H to 5H)		0.63	0.59	0.56	0.60	0.63	0.60
<b>Compressive Strength</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
	<i>psi</i>	13,853	15,608	17,097	16,490	15,319	15,673
	<i>MPa</i>	95.5	107.6	117.9	113.7	105.6	108.1
<b>Efflorescence</b>		<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	06/11/2013
<b>Abrasion Resistance</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
		0.03	0.02	0.02	0.02	0.03	0.03

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

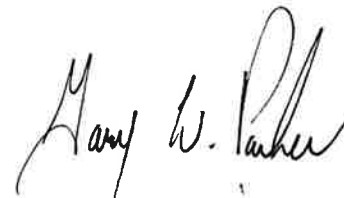
ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor