### Results of Tests on Brick conducted in accordance with ASTM C67-08 Standard Method for Sampling and Testing Brick and Structural Clay Tile

**Date:** 11/13/2009

**Name:** Pine Hall Brick Company, Inc  
634 Lindsay Bridge Road  
Madison, NC 27025

**Phone:** 336-548-6007  
**Fax:** 336-548-1837

**Plant:** Madison  
**Report Number:** PHB-0046

**Sample Description:** Cocoa Modular

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Absorption (%)</th>
<th>Compressive Strength (psi, MPa)</th>
<th>Efflorescence</th>
<th>Abrasion Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/15/2009</td>
<td>24 Hour Submersion in Cold Water (%) 3.95, 4.19, 3.63, 4.42, 4.24, 4.07</td>
<td>18,538, 21,305, 22,588, 19,265, 19,052, 20,149</td>
<td>11, 12, 13, 14, 15</td>
<td>0.02, 0.02, 0.02, 0.02, 0.02</td>
</tr>
<tr>
<td>10/20/2009</td>
<td>5 Hour Submersion in Boiling Water (%) 6.48, 6.73, 6.12, 7.03, 6.83, 8.64</td>
<td>127.8, 146.9, 155.7, 132.8, 131.4, 138.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturation Coefficient (Ratio of 24H to 5H) 0.59, 0.62, 0.59, 0.63, 0.62, 0.61</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

ASTM C 902 - 09 Standard Specification for Pedestrian and Light Traffic Paving Brick  
Class: SX, MX, NX  
Type: I

---

**Signature:**  
Denis Brosnan, Director  
Jim Frederic, Associate Director

Lab Reference: 2969.2715