Name: The Belden Brick Company  
Plant: The Belden Brick Company  
*Temperature: 60 - 90°F  
*Humidity: 30% - 70%  
Phone: 330-456-0031  
Fax: 330-456-2694  
Received Date: 09/04/2014  
Sampled Date: 09/04/2014  
Lot:  
Sample Description: PLT 6, SHALE/FIRECLAY, NO ADDITIVE (PAVER, 2-3/4")

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Absorption 24 Hour Submersion in Cold Water (%)</th>
<th>Absorption 5 Hour Submersion in Boiling Water (%)</th>
<th>Saturation Coefficient (Ratio of 24H to 5H)</th>
<th>Compressive Strength</th>
<th>Breaking Load (lb/in.)</th>
<th>Efflorescence</th>
<th>Abrasion Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 2 3 4 5 Average</td>
<td>1 2 3 4 5 Average</td>
<td>Average</td>
<td>1 2 3 4 5 Average</td>
<td>6 7 8 9 10 Average</td>
<td>Not Effloresced</td>
<td>1 2 3 4 5 Average</td>
</tr>
<tr>
<td>09/11/2014</td>
<td>4.22 4.37 4.58 4.54 4.41 4.43</td>
<td>4.99 4.97 5.01 5.18 5.18 5.07</td>
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<td>1,334 1,168 1,375 1,287</td>
<td>Not Effloresced</td>
<td>0.03 0.03 0.02 0.02 0.03</td>
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<td>09/22/2014</td>
<td>09/14/2014</td>
<td>09/08/2014</td>
<td>17,426</td>
<td>1,234</td>
<td>10/08/2014</td>
<td>0.03 0.03 0.02 0.02 0.03</td>
</tr>
</tbody>
</table>

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

- ASTM C 1272 - 14 Standard Specification for Heavy Vehicular Paving Brick
  Type: R, F
- ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick
  Class: SX, MX, NX, with absorption alternate in section 4.1.1.1
  Type: I, II, III

*This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2
*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH

John Sanders, Ph.D., PE, Director  
Gary W. Parker, Laboratory Supervisor
The results shown above apply only to the samples tested, which are provided by the customer. This test report shall not be reproduced except in full, without written approval of the laboratory.