Results of Tests on brick Conducted in accordance with ASTM C 67-18 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

07/19/2018

Name: The Belden Brick Company
700 West Tuscarawas Street
Canton, OH 44702

Phone: 330-456-0031
Fax: 330-456-2694

Plant: Canton
Report Number: 8297-18987
Received Date: 06/19/2018

Sample Date: 06/19/2018
Lot:
Product Code:

Sample Description: PLT 6, ALL FIRECLAY W/ADDITIVE- THIN BRICK

<table>
<thead>
<tr>
<th>Absorption</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 Hour Submersion in Cold Water (%)</td>
<td>2.28</td>
<td>2.48</td>
<td>2.29</td>
<td>2.41</td>
<td>2.30</td>
<td>2.35</td>
</tr>
<tr>
<td>5 Hour Submersion in Boiling Water (%)</td>
<td>3.08</td>
<td>3.48</td>
<td>3.16</td>
<td>3.37</td>
<td>3.15</td>
<td>3.25</td>
</tr>
<tr>
<td>Saturation Coefficient (Ratio of 24H to 5H)</td>
<td>0.74</td>
<td>0.71</td>
<td>0.73</td>
<td>0.71</td>
<td>0.73</td>
<td>0.72</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Efflorescence</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Effloresced</td>
<td>Not Effloresced</td>
<td>Not Effloresced</td>
<td>Not Effloresced</td>
<td>Not Effloresced</td>
<td></td>
</tr>
</tbody>
</table>

Test Date: 06/25/2018

Test Date: 07/03/2018

*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 - 90°F, and 30% - 70% RH

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.

Michael Walker, Quality Manager