# TEST REPORT

100 Clemson Research Blvd.
Anderson, SC 29625
(864) 656-1094
Fax: (864) 656-1095
wwwbrickandtile.org

Results of Tests on brick Conducted in accordance with ASTM C 67-16 Standard Test Methods for Sampling and
Testing Brick and Structural Clay Tile

06/05/2018

| Name: The Belden Brick Company | Plant: Sugarcreek | *Temperature: 60 - 90°F
| Phone: 330-456-0031 | Report Number: 8207-18724 | *Humidity: 30% - 70%
| Fax: 330-456-2694 | Received Date: 05/02/2018 |

Sample Description: **PLT 2, ALL SHALE NO ADDITIVE (THIN BRICK)**

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Absorption</th>
<th>24 Hour Submersion in Cold Water (%)</th>
<th>5 Hour Submersion in Boiling Water (%)</th>
<th>Saturation Coefficient (Ratio of 24H to 5H)</th>
<th>Efflorescence</th>
<th>IRA (Oven Dried Method) g/min/30 in.²</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/07/2018</td>
<td>1 2 3 4 5 Average</td>
<td>2.45 3.07 2.29 3.23 2.60 2.73</td>
<td>4.72 4.44 4.17 4.67 4.61 4.52</td>
<td>0.52 0.69 0.55 0.69 0.56 0.60</td>
<td>Not Effloresced</td>
<td>6 7 8 9 10 Average</td>
</tr>
<tr>
<td>05/08/2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Effloresced</td>
<td>5.1 5.3 5.3 6.0 7.2 5.8</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 1088 - 17 Standard Specification for thin Veneer brick Units Made From Clay or Shale
Grade: Exterior, Interior

Michael Walker, Quality Manager

*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.