



TEST REPORT

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10/14/2014

Name: The Belden Brick Company
Plant: The Belden Brick Company
*Temperature: 60 - 90F
700 West Tuscarawas Street
Canton, OH 44702
Report Number: 5808-10832
*Humidity: 30% - 70%
Phone: 330-456-0031
Received Date: 07/15/2014
Fax: 330-456-2694
Sampled Date: 07/15/2014
Lot:
Product Code:
Sample Description: PLT 6, ALLSHALE ACID RESISTANT SINGLES, 3-3/4" X 2-1/4" X 8", S-3

Table with 8 columns: Absorption, 1, 2, 3, 4, 5, Average, Test Date. Row 1: 2 Hour Submersion in Boiling Water (%), 0.42, 0.36, 0.32, 0.47, 0.39, 0.39, 07/31/2014

*Measurement Uncertainty ± 0.55 %

Table with 8 columns: Compressive Strength, 1, 2, 3, 4, 5, Average, Test Date. Rows: psi (21,343, 16,173, 19,408, 20,226, 18,718, 19,173, 08/06/2014), MPa (147.2, 111.5, 133.8, 139.5, 129.1, 132.2)

*Measurement Uncertainty ± 231 psi

Table with 4 columns: Chemical Resistance, 11, 12, Average, Test Date. Row: Maximum Weight Loss (%), 4.18, 3.78, 3.98, 09/03/2014

Table with 8 columns: Modulus of Rupture, 1, 2, 3, 4, 5, Average, Test Date. Rows: psi (3,124, 3,289, 3,383, 3,195, 3,425, 3,283, 09/23/2014), MPa (21.5, 22.7, 23.3, 22.0, 23.6, 23)

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:
ASTM C 279 - 13a Standard Specification for Chemical-Resistant Masonry Units
Type: III

John Sanders, Ph.D., PE, Director

Gary W. Parker, Laboratory Supervisor

*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
The results shown above apply only to the samples tested, which are provided by the customer.
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