



TEST REPORT

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Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

07/15/2015

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek , OH 44681	Plant:	The Belden Brick Company	*Temperature: 60 - 90F
Phone:	330-852-2424	Report Number:	6236-12251	*Humidity: 30% - 70%
Fax:	330-852-2958	Received Date:	04/06/2015	
		Sampled Date:	04/05/2015	
		Lot:		
		Product Code:		

Sample Description: **PLT 2 SHALE/FIRECLAY W/ADDITIVE FINE GRIND (FACE)**

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	3.12	3.10	2.74	2.76	3.02	2.95	04/13/2015
5 Hour Submersion in Boiling Water (%)	3.62	3.61	3.14	3.17	3.63	3.43	
Saturation Coefficient (Ratio of 24H to 5H)	0.86	0.86	0.87	0.87	0.83	0.86	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	15,324	14,219	16,717	15,644	14,348	15,250	04/13/2015
<i>MPa</i>	105.7	98.0	115.3	107.9	98.9	105.1	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		04/22/2015
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	4.7	4.8	5.2	5.1	5.3	5.0	04/19/2015
Abrasion Resistance	1	2	3	4	5	Average	
	0.02	0.02	0.02	0.02	0.02	0.02	04/19/2015

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

ASTM C 216 - 15 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)

Grade: SW, MW

ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III

Michael Walker, Quality Manager

**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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