



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 700 West Tuscarawas Street Canton , OH 44702	Plant:	The Belden Brick Company	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	6310-12471	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	05/11/2015	
		Sampled Date:	05/10/2015	
		Lot:		
		Product Code:		

Sample Description: **PLT 8, SHALE, NO ADDITIVE, 75% FINE 25% COARSE**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	2.97	3.12	3.95	3.39	3.84	3.45	05/17/2015
5 Hour Submersion in Boiling Water (%)	3.45	3.60	4.89	4.16	4.49	4.12	
Saturation Coefficient (Ratio of 24H to 5H)	0.86	0.87	0.81	0.82	0.85	0.84	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	15,872	17,778	15,720	14,193	14,275	15,568	05/17/2015
<i>MPa</i>	109.4	122.6	108.4	97.9	98.4	107.3	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		06/16/2015
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	7.1	6.9	7.9	7.2	7.4	7.3	05/20/2015
Abrasion Resistance	1	2	3	4	5	Average	
	0.02	0.02	0.03	0.02	0.03	0.02	05/20/2015

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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