



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:	6310-12472	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	05/11/2015	
		Sampled Date:	05/10/2015	
		Lot:		
		Product Code:		

Sample Description: **PLT8, SANDMOLD**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	5.45	4.48	4.97	5.09	5.04	5.01	05/17/2015
5 Hour Submersion in Boiling Water (%)	8.15	7.18	7.35	7.92	7.17	7.55	
Saturation Coefficient (Ratio of 24H to 5H)	0.67	0.62	0.68	0.64	0.70	0.66	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	11,427	9,529	11,012	12,157	15,188	11,863	05/17/2015
<i>MPa</i>	78.8	65.7	75.9	83.8	104.7	81.8	
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>	10.6	8.5	9.7	9.4	11.0	9.8	05/20/2015
Abrasion Resistance	1	2	3	4	5	Average	
	0.05	0.05	0.05	0.04	0.03	0.04	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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