

THE NATIONAL BRICK RESEARCH CENTER

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



Results of Tests on Brick conducted in accordance with ASTM C67-08 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

08/17/2010

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company
Phone:	330-456-0031	Report Number:	BBC-0099
Fax:	330-456-2694	Sampled Date:	07/19/2010
		Lot:	
		Product Code:	

Sample Description: **Plt 2, All Shale w/Additive (Paver) 2-1/4**

							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		0.28	0.30	0.30	0.31	0.34	0.31	07/26/2010
5 Hour Submersion in Boiling Water (%)		0.37	0.50	0.44	0.41	0.44	0.43	
Saturation Coefficient (Ratio of 24H to 5H)		0.76	0.61	0.68	0.76	0.77	0.71	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	26,818	23,987	24,489	26,354	24,275	25,185	07/26/2010
	<i>MPa</i>	184.9	165.4	168.8	181.7	167.4	173.6	
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		07/30/2010
IRA		6	7	8	9	10	Average	
	<i>g/min</i>	0.6	0.5	0.4	0.8	0.9	0.6	07/27/2010
Abrasion Resistance		1	2	3	4	5	Average	
		0.00	0.00	0.00	0.00	0.00	0.00	07/27/2010

The brick represented by the test results shown here comply with the standards listed below:

- ASTM C 1272 - 07 Standard Specification for Heavy Vehicular Paving Brick
Type: R
- ASTM C 902 - 09 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I

Denis Brosnan, Director

Greg Grabert, Ph.D., Associate Director of Technical Services