

Results of Tests on Brick conducted in accordance with ASTM C67-11 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

05/11/2012

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company
Phone:	330-456-0031	Report Number:	BBC-0186
Fax:	330-456-2694	Sampled Date:	03/13/2012
		Lot:	
		Product Code:	706005323

Sample Description: **Plant 6, All Shale (w/Additive) Paver 2 3/4"**

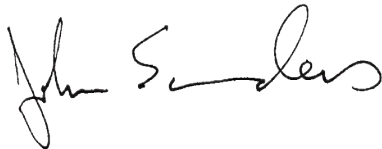
							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		1.39	1.79	2.28	1.47	1.69	1.72
5 Hour Submersion in Boiling Water (%)		3.50	3.25	3.71	3.40	3.64	3.50
Saturation Coefficient (Ratio of 24H to 5H)		0.40	0.55	0.62	0.43	0.47	0.49
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	27,580	29,594	25,256	25,946	26,997	27,075
	<i>MPa</i>	190.2	204.0	174.1	178.9	186.1	186.7
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	1,570	1,946	1,761	1,975	1,756	1,802
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	05/07/2012
IRA		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	2.3	1.7	2.2	1.8	1.8	1.9
Abrasion Resistance		1	2	3	4	5	Average
		0.01	0.01	0.01	0.01	0.01	0.01

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

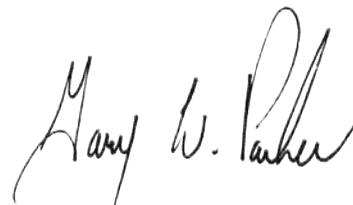
ASTM C 1272 - 11 Standard Specification for Heavy Vehicular Paving Brick
Type: R, F

ASTM C 902 - 10 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX

Type: I, II, III



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor