

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

07/11/2013

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company
Phone:	330-456-0031	Report Number:	BBC-0264
Fax:	330-456-2694	Sampled Date:	06/20/2013
		Lot:	
		Product Code:	

Sample Description: **Plt 6, All Shale w/ Additive, ADA Paver**

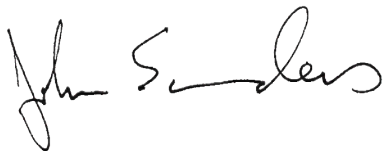
						Average	Test Date
<b>Absorption</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
24 Hour Submersion in Cold Water (%)	1.85	1.59	1.35	2.30	1.14	1.65	06/27/2013
5 Hour Submersion in Boiling Water (%)	2.66	2.24	1.78	3.69	1.71	2.41	
Saturation Coefficient (Ratio of 24H to 5H)	0.70	0.71	0.76	0.63	0.67	0.69	
<b>Compressive Strength</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
<i>psi</i>	22,200	24,077	23,731	25,052	22,448	23,502	06/27/2013
<i>MPa</i>	153.1	166.0	163.6	172.7	154.8	162.0	
<b>Efflorescence</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		07/10/2013
<b>IRA</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>	
<i>g/min/30 in.<sup>2</sup></i>	3.6	2.9	2.6	4.0	2.6	3.1	07/01/2013
<b>Abrasion Resistance</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
	0.01	0.01	0.01	0.01	0.01	0.01	07/01/2013

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

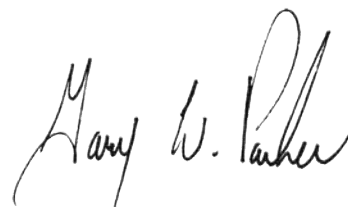
ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor