



**TEST REPORT**

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 C 67-20 Standard Test Methods for Sampling and*

*Testing Brick and Structural Clay Tile*

05/14/2021

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton , OH 44702	Plant:	Canton	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	10106-24780	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	04/28/2021	
		Sampled Date:	04/28/2021	
		Lot:		
		Product Code:		

Sample Description: **PLT 6, SHALE & FIRECLAY 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 (%)	0.3	0.3	0.3	0.3	0.5	0.3	05/03/2021
5 Hour Submersion in Boiling Water (%)	0.5	0.4	0.4	0.4	0.8	0.5	
Saturation Coefficient (Ratio of 24H to 5H)	0.69	0.79	0.76	0.70	0.54	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>	25,420	26,710	26,720	27,280	24,990	26,220	05/04/2021
<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		05/12/2021
<b>IRA (Oven Dried Method)</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>	0.5	0.5	0.7	0.6	0.5	0.5	05/05/2021
<b>Abrasion Resistance</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
	0.00	0.00	0.00	0.00	0.00	0.00	05/05/2021

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

ASTM C 1272 - 17 Standard Specification for Heavy Vehicular Paving Brick  
Type: R

ASTM C 902 - 15 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.  
This test report shall not be reproduced except in full, without written approval of the laboratory.*