

Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

09/16/2022

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	8/10/2022
Fax:	330-456-2694	Received Date:	8/10/2022
Report Number:	11006-27518	Fired Date:	8/10/2022
		Product Code:	
		Lot Number:	

Description: **PLT 6, PLANK PAVER (2-1/4 X 4 X 12), ALL FIRECLAY NO ADDITIVE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.9	2.7	2.7	2.8	2.7	2.8	8/19/2022
5 Hour Boiling Water (%)	3.6	3.4	3.6	3.6	3.6	3.6	
Saturation Coefficient	0.80	0.80	0.74	0.78	0.76	0.78	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	26,050	26,750	26,300	25,500	27,260	26,370	8/12/2022

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	2.5	2.2	2.6	2.3	3.2	2.6	8/23/2022

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/22/2022

Breaking Load - Edge	1	2	3	4	5	Average	Test Date
lb/in	2,422	2,155	2,409	1,212	2,044	2,048	8/22/2022

Breaking Load - Flat	1	2	3	4	5	Average	Test Date
lb/in	647	784	691	771	741	727	8/22/2022

Abrasion Resistance	1	2	3	4	5	Average
	0.01	0.01	0.01	0.01	0.01	0.01

E303 Surface Friction	1	2	3	4	Average	Test Date
BPN	84	85	84	86	85	8/29/2022

Surface Temperature (F): 70
Test Surface Location: BML
Type of Slider: Rubber

Condition of Slider: Good
Test Surface Texture: Wirecut Paver

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

C 216 - 22 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

C 902 - 20 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

C 1272 - 22 Standard Specification for Heavy Vehicular Paving Brick
Type: R
Type: F (Edge Set)


Katherine Hill, Quality Manager

TEST REPORT

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

09/16/2022

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**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.*