

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

09/21/2022

Name:	The Belden Brick Company	Plant:	Canton
	700 West Tuscarawas Street	Sampled Date:	8/3/2022
	Canton, OH 44702	Received Date:	8/3/2022
Phone:	330-456-0031	Fired Date:	8/3/2022
Fax:	330-456-2694	Product Code:	
Report Number:	11006-27476	Lot Number:	

Description: **PLT 6, PLANK PAVER (2-1/4 X 4 X 12), ALL FIRECLAY W/ADDITIVE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	1.1	1.0	1.1	1.2	1.1	1.1	8/18/2022
5 Hour Boiling Water (%)	1.4	1.2	1.3	1.5	1.3	1.3	
Saturation Coefficient	0.74	0.79	0.81	0.82	0.88	0.81	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	27,630	26,000	31,860	30,180	30,140	29,160	8/12/2022

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	1.8	2.0	2.1	2.1	2.1	2.0	9/20/2022

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/19/2022

Breaking Load - Edge	1	2	3	4	5	Average	Test Date
lb/in	2,198	2,329	2,521	2,215	2,468	2,346	8/3/2022

Breaking Load - Flat	1	2	3	4	5	Average	Test Date
lb/in	792	852	636	866	814	792	8/9/2022

Abrasion Resistance	1	2	3	4	5	Average
	0.00	0.00	0.00	0.00	0.00	0.00

E303 Surface Friction	1	2	3	4	Average	Test Date
BPN	78	79	80	79	79	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 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
Katherine Hill, 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.*