

TEST REPORT

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Results of Tests on brick Conducted in accordance with C67/C67M - 23a Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

09/20/2024

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	8/14/2024
Fax:	330-456-2694	Received Date:	8/14/2024
Report Number:	13057-32387	Fired Date:	8/14/2024
		Product Code:	
		Lot Number:	

Description: **PLT 6 ALL FIRECLAY W/ADDITIVE (FACE)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	5.2	5.0	4.3	4.1	4.3	4.6	9/9/2024
5 Hour Boiling Water (%)	6.6	6.3	5.7	5.4	5.6	5.9	
Saturation Coefficient	0.79	0.79	0.77	0.76	0.77	0.77	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	14,620	14,390	14,180	16,110	14,770	14,810	9/12/2024

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	12.0	11.5	8.7	8.1	8.0	9.7	8/27/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/28/2024

Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date
Void Area (%)	21	21	22	22	22	22	22	22	22	21	22	8/27/2024

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

ASTM C216 - 23 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

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.
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