

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

12/18/2023

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	11/29/2023
Fax:	330-456-2694	Received Date:	11/29/2023
Report Number:	12284-30505	Fired Date:	11/29/2023

Description: **PLT 2, SHALE & FIRECLAY W/ADDITIVE FINE GRIND (FACE)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.6	3.1	3.5	3.0	2.9	3.0	12/4/2023
5 Hour Boiling Water (%)	3.2	4.0	3.8	3.6	3.5	3.6	
Saturation Coefficient	0.83	0.78	0.91	0.83	0.82	0.83	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	18,670	18,400	16,900	18,030	15,580	17,520	12/4/2023

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	4.1	3.8	3.0	4.0	3.2	3.6	12/8/2023

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	12/11/2023

Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date
Void Area (%)	22	22	22	21	22	22	22	22	22	22	22	12/5/2023

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

ASTM C216 - 22 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.
This test report shall not be reproduced except in full, without written approval of the laboratory.*