

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

12/10/2021

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	11/12/2021
Fax:	330-456-2694	Received Date:	11/12/2021
Report Number:	10484-25948	Fired Date:	11/12/2021
		Product Code:	
		Lot Number:	

Description: **PLT 8 SHALE NO ADDITIVE 75% FINE 25% COARSE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.1	2.2	2.1	2.1	2.1	2.1	11/16/2021
5 Hour Boiling Water (%)	2.9	2.9	2.9	2.9	3.1	3.0	
Saturation Coefficient	0.70	0.78	0.73	0.71	0.67	0.72	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	23,510	26,480	22,540	25,840	23,620	24,400	11/16/2021

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	3.2	4.1	3.8	4.0	3.9	3.8	12/9/2021

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	12/9/2021

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	23	23	23	23	23	23	11/29/2021

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

C 216 - 21 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW


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.*