

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

07/30/2021

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	7/7/2021
Fax:	330-456-2694	Received Date:	7/7/2021
Report Number:	10249-25235	Fired Date:	7/7/2021
		Product Code:	
		Lot Number:	

Description: **PLT 2 ALL SHALE SPECTRUM SERIES CLEAR FIRE (FACE)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.2	2.2	1.0	1.9	2.0	1.9	7/9/2021
5 Hour Boiling Water (%)	3.3	3.7	1.2	2.6	3.0	2.8	
Saturation Coefficient	0.66	0.60	0.86	0.73	0.67	0.70	
Compressive Strength	1	2	3	4	5	Average	Test Date
psi	16,840	18,700	19,950	20,710	14,480	18,140	7/9/2021
IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	4.2	2.9	4.3	2.5	4.6	3.7	7/19/2021
Efflorescence	11	12	13	14	15	Test Date	
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		7/20/2021
Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	21	21	21	21	21	21	7/14/2021

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.*