

TEST REPORT

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

09/01/2021

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	7/29/2021
Fax:	330-456-2694	Received Date:	7/29/2021
Report Number:	10291-25347	Fired Date:	7/29/2021
		Product Code:	
		Lot Number:	

Description: **PLT 4 ROMAN, 3-5/8 X 1-5/8 X 11-5/8, ALL SHALE, NO ADDITIVE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	1.3	2.1	2.0	1.2	2.2	1.8	8/3/2021
5 Hour Boiling Water (%)	3.5	3.6	3.7	3.2	4.7	3.8	
Saturation Coefficient	0.36	0.58	0.54	0.38	0.46	0.46	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	27,980	27,260	23,640	28,200	23,950	26,210	8/3/2021


IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	1.7	2.5	2.2	7.3	3.2	3.4	8/23/2021

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/12/2021

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	15	15	15	15	15	15	8/10/2021

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.
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