

**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**

08/25/2022

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	7/18/2022
Fax:	330-456-2694	Received Date:	7/18/2022
Report Number:	10960-27351	Fired Date:	
		Product Code:	
		Lot Number:	

Description: **PLT 8 SHALE & FIRECLAY FINE GRIND W/ADDITIVE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.1	2.3	2.0	2.5	2.4	2.3	7/28/2022
5 Hour Boiling Water (%)	2.8	3.2	2.3	3.4	3.3	3.0	
Saturation Coefficient	0.75	0.73	0.88	0.74	0.73	0.77	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	22,550	16,570	20,310	18,020	22,480	19,990	7/21/2022

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. <sup>2</sup>	3.5	3.1	3.2	5.3	3.1	3.7	7/26/2022

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/29/2022

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	23	23	23	23	23	23	7/26/2022

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

C 216 - 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.  
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