

**TEST REPORT**

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

08/17/2023

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	7/11/2023
Fax:	330-456-2694	Received Date:	7/11/2023
Report Number:	11874-29559	Fired Date:	7/11/2023
		Product Code:	
		Lot Number:	

Description: **PLT 2, SHALE/FIRECLAY SPECTRUM SERIES REDUCED FIRE (FACE)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	1.2	1.0	1.2	1.0	0.9	1.1	7/18/2023
5 Hour Boiling Water (%)	1.5	1.5	1.7	1.4	1.4	1.5	
Saturation Coefficient	0.76	0.70	0.72	0.70	0.68	0.71	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	21,960	16,640	17,510	16,440	15,280	17,570	8/1/2023

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. <sup>2</sup>	2.1	2.7	1.6	1.9	2.4	2.1	7/25/2023

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/4/2023

Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date
Void Area (%)	21	21	21	21	21	21	21	21	21	21	21	7/24/2023

*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.  
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