

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

07/15/2024

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	6/14/2024
Fax:	330-456-2694	Received Date:	6/14/2024
Report Number:	12885-31971	Fired Date:	6/14/2024

Description: **PLT 2, ALL SHALE NO ADDITIVE (FACE)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	1.3	1.2	1.1	1.4	1.8	1.3	6/21/2024
5 Hour Boiling Water (%)	1.4	1.4	1.2	1.6	1.9	1.5	
Saturation Coefficient	0.87	0.86	0.87	0.88	0.90	0.88	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	33,580	30,380	31,230	28,710	23,800	29,540	6/21/2024

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. <sup>2</sup>	4.5	3.3	3.2	3.4	3.4	3.6	6/26/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/8/2024

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	6/25/2024

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

ASTM C216 - 23 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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