

TEST REPORT

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

07/11/2024

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	6/25/2024
Fax:	330-456-2694	Received Date:	6/25/2024
Report Number:	12920-32066	Fired Date:	6/25/2024

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

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.8	4.5	3.7	4.5	3.1	3.7	7/1/2024
5 Hour Boiling Water (%)	4.4	6.3	5.4	6.4	4.7	5.4	
Saturation Coefficient	0.63	0.71	0.68	0.71	0.66	0.68	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	21,640	16,830	19,300	17,160	19,830	18,950	7/1/2024

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	8.3	10.7	5.9	7.0	10.8	8.5	7/1/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/9/2024

Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date
Void Area (%)	24	24	24	24	24	24	24	24	24	24	24	6/28/2024

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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