

Results of Tests on brick Conducted in accordance with C67/C67M - 25 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

02/04/2026

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	8/12/2024
Fax:	330-456-2694	Received Date:	8/12/2024
Report Number:	13054-32383	Fired Date:	8/12/2024

Description: **PLT 6, ALL SHALE NO ADDITIVE (FACE)**

Absorption	1	2	3	4	5	Average	Test Date						
24 Hour Cold Water (%)	2.3	2.2	2.3	1.9	2.2	2.2	9/9/2024						
5 Hour Boiling Water (%)	4.1	3.3	3.6	3.0	3.7	3.5							
Saturation Coefficient	0.57	0.66	0.64	0.65	0.60	0.63							
Compressive Strength	1	2	3	4	5	Average	Test Date						
psi	27,530	25,430	22,960	25,730	25,210	25,370	9/11/2024						
IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date						
g/min/30 in. ²	3.6	3.5	3.4	2.7	4.1	3.4	8/27/2024						
Efflorescence	11	12	13	14	15		Test Date						
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		8/28/2024						
Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date	
Void Area (%)	20	20	20	20	20	20	20	20	20	20	20	20	8/27/2024

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

ASTM C216 - 24 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 sampling for these tests was done by the customer. These results are specific to the samples tested. A Simple Acceptance Decision Rule was applied when determining the conformity statement shown on this report. Reporting of test results follows the requirements of the appropriate ASTM Test Method. For information on the decision rules or measurement uncertainty, please contact Kathy Hill, BML Quality Manager. This test report shall not be reproduced except in full, without written approval of the laboratory.