

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

08/08/2022

Name:	The Belden Brick Company	Plant:	Sugarcreek
	P. O. Box 430	Sampled Date:	7/13/2022
	Sugarcreek, OH 44681	Received Date:	7/13/2022
Phone:	330-456-0031	Fired Date:	
Fax:	330-456-2694	Product Code:	
Report Number:	10950-27312	Lot Number:	

Description: **PLT 4 SHALE & FIRECLAY NO ADDITIVE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	7.2	4.6	4.7	4.6	7.4	5.7	7/20/2022
5 Hour Boiling Water (%)	9.9	7.7	7.6	7.5	9.9	8.5	
Saturation Coefficient	0.73	0.60	0.62	0.61	0.75	0.66	
Compressive Strength	1	2	3	4	5	Average	Test Date
psi	8,350	11,430	12,250	12,490	9,020	10,710	7/15/2022
IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	26.6	16.1	17.7	17.1	26.3	20.8	7/25/2022
Efflorescence	11	12	13	14	15		Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		7/27/2022
Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	16	16	16	16	16	16	7/18/2022

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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