

**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**

07/31/2023

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln, NE 68522	Plant:	Yankee Hill Brick
Phone:	402-770-7720	Sampled Date:	7/7/2023
Report Number:	11872-29547	Received Date:	7/7/2023
Description:	<b>Light Red</b>	Fired Date:	7/7/2023
		Product Code:	
		Lot Number:	BB158

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	3.7	3.6	3.6	3.6	3.7	3.6	7/11/2023
5 Hour Boiling Water (%)	5.4	5.3	5.3	5.2	5.3	5.3	
Saturation Coefficient	0.68	0.69	0.69	0.69	0.69	0.69	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	16,020	12,700	15,490	14,350	13,680	14,450	7/17/2023

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. <sup>2</sup>	4.2	3.8	4.4	3.8	4.2	4.1	7/18/2023

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/27/2023

Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date
Void Area (%)	19	19	19	19	19	19	19	19	19	19	19	7/17/2023

*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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