



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C 67-16 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

04/22/2018

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln , NE 68522	Plant:	Yankee Hill Brick	*Temperature: 60 - 90F
Phone:	402-770-7720	Report Number:	8150-18543	*Humidity: 30% - 70%
Fax:		Received Date:	04/03/2018	
		Sampled Date:	04/03/2018	
		Lot:		
		Product Code:		

Sample Description: **FI Mang, Flash Manganese/Dark Smoke Bronze**

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	4.40	4.33	4.50	4.44	4.60	4.45	04/11/2018
5 Hour Submersion in Boiling Water (%)	7.38	7.27	7.44	7.27	7.67	7.41	
Saturation Coefficient (Ratio of 24H to 5H)	0.60	0.60	0.61	0.61	0.60	0.60	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	13,944	10,811	16,141	10,616	11,458	12,594	04/11/2018
<i>MPa</i>	96.1	74.5	111.3	73.2	79.0	86.8	
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	7.4	6.0	5.1	6.3	6.2	6.2	04/11/2018
Average % Void	22.5						04/11/2018

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

ASTM C 216 - 17a Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

Michael Walker, 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.
This test report shall not be reproduced except in full, without written approval of the laboratory.*