



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

04/11/2018

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln , NE 68522	Plant:	Yankee Hill Brick	*Temperature: 60 - 90F
Phone:	402-770-7720	Report Number:	8107-18359	*Humidity: 30% - 70%
Fax:		Received Date:	03/16/2018	
		Sampled Date:	03/16/2018	
		Lot:		
		Product Code:		

Sample Description: **Metro Ironspot**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		4.44	4.45	4.36	4.63	4.26	4.43 03/26/2018
5 Hour Submersion in Boiling Water (%)		7.46	7.35	7.44	7.64	7.20	7.42
Saturation Coefficient (Ratio of 24H to 5H)		0.60	0.60	0.59	0.61	0.59	0.60
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	12,923	11,704	14,378	12,273	14,188	13,093 03/26/2018
	<i>MPa</i>	89.1	80.7	99.1	84.6	97.8	90.3
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	04/03/2018
IRA (Oven Dried Method)		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	2.8	1.9	3.4	2.1	3.2	2.7 03/29/2018
Average % Void		21.1					03/26/2018

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.