



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:	8129-18416	*Humidity: 30% - 70%
Fax:		Received Date:	03/27/2018	
		Sampled Date:	03/27/2018	
		Lot:		
		Product Code:		

Sample Description: **Charcoal**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		4.41	4.38	4.42	4.50	4.33	4.41 03/30/2018
5 Hour Submersion in Boiling Water (%)		7.65	7.58	7.50	7.67	7.48	7.57
Saturation Coefficient (Ratio of 24H to 5H)		0.58	0.58	0.59	0.59	0.58	0.58
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	20,273	20,082	19,902	18,884	17,754	19,379 03/30/2018
	<i>MPa</i>	139.8	138.5	137.2	130.2	122.4	133.6
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	829	805	857	688	705	777 04/09/2018
IRA (Oven Dried Method)		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	2.1	1.7	2.2	2.0	1.1	1.8 03/30/2018
Abrasion Resistance		1	2	3	4	5	Average
		0.02	0.02	0.02	0.02	0.02	0.02 03/30/2018

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

ASTM C 1272 - 17 Standard Specification for Heavy Vehicular Paving Brick

Type: R

ASTM C 902 - 15 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III

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.