



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C 67-18 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

08/08/2019

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln , NE 68522	Plant:	Yankee Hill Brick	*Temperature: 60 - 90F
Phone:	402-770-7720	Report Number:	8979-21163	*Humidity: 30% - 70%
Fax:		Received Date:	07/23/2019	
		Sampled Date:	07/23/2019	
		Lot:		
		Product Code:		

Sample Description: **Dove Gray, Creighton Gray**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		2.95	3.06	3.10	3.09	2.99	3.04 07/29/2019
5 Hour Submersion in Boiling Water (%)		5.51	5.67	5.73	5.59	5.59	5.62
Saturation Coefficient (Ratio of 24H to 5H)		0.54	0.54	0.54	0.55	0.53	0.54
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	20,875	22,478	19,583	21,930	22,243	21,422 07/25/2019
	<i>MPa</i>	143.9	155.0	135.0	151.2	153.4	147.7
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	972	884	955	994	911	943 07/31/2019
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	08/02/2019
Abrasion Resistance		1	2	3	4	5	Average
		0.01	0.01	0.02	0.01	0.01	0.01 08/02/2019

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.*