



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C67/C67M-20 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

06/30/2020

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln, 68522	Plant:	Yankee Hill Brick
Phone:	402-770-7720	Report Number:	9504-22776
		Received Date:	4/30/2020
		Sampled Date:	4/30/2020
Description:	Rose, Pink		*Temperature: 60 - 90F *Humidity: 30% - 70%

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	4.82	4.98	4.98	5.02	4.96	4.95	5/4/2020
5 Hour Boiling Water (%)	6.68	6.92	6.97	6.94	6.83	6.87	
Saturation Coefficient	0.72	0.72	0.71	0.72	0.73	0.72	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	17,900	20,078	20,221	19,044	13,648	18,178	5/4/2020
MPa	123.4	138.4	139.4	131.3	94.1	125.3	

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	3.1	5.1	4.0	4.5	4.2	4.2	5/4/2020

Average % Void							
						22.2	5/4/2020

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not	Not	Not	Not	Not	6/29/2020
	Effloresced	Effloresced	Effloresced	Effloresced	Effloresced	

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

ASTM C 216 - 19 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.*