

**TEST REPORT**

100 Clemson Research Blvd.
Anderson, SC 29625
(864) 656-1094
Fax: (864) 656-1095
www.brickandtile.org

Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

02/08/2017

Name:	Cloud Ceramics 1716 Quail Road Concordia, KS 66901	Plant:	Cloud Ceramics	*Temperature: 60 - 90F
Phone:	800-880-5986	Report Number:	7360-15993	*Humidity: 30% - 70%
Fax:		Received Date:	01/25/2017	
		Sampled Date:	01/25/2017	
		Lot:		
		Product Code:		

Sample Description: **Coral, Cameo, Old Rose**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	5.74	5.69	5.90	5.84	5.71	5.77	01/30/2017
5 Hour Submersion in Boiling Water (%)	7.80	7.58	7.87	7.68	7.47	7.68	
Saturation Coefficient (Ratio of 24H to 5H)	0.74	0.75	0.75	0.76	0.76	0.75	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	13,514	13,305	13,971	15,889	15,780	14,492	01/27/2017
<i>MPa</i>	93.2	91.7	96.3	109.5	108.8	99.9	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		02/06/2017
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	6.3	6.9	6.7	2.9	5.5	5.7	02/02/2017
Average % Void	23.3						02/02/2017

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

ASTM C 216 - 16 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.