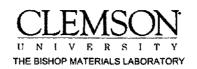
**Cloud Ceramics** 

7360-15992

01/25/2017

01/25/2017







## **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

Plant:

Name:

**Cloud Ceramics** 

1716 Quail Road

Concordia, KS 66901

Phone:

Fax:

800-880-5986

Lot:

**Product Code:** 

Report Number:

Received Date:

Sampled Date:

Sample Description: Light Ivory, French Grey, Coronado Grey, Doye Grey, Cloud Grey

ACCREDITED LABORATORY

\*Temperature: 60 - 90F

\*Humidity: 30% - 70%

							Test Date
Absorption	. 1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	6.04	5.97	6.15	6.13	6.31	6.12	01/30/2017
5 Hour Submersion in Boiling Water (%)	7.94	7.95	8.07	8.01	8.03	8.00	
Saturation Coefficient (Ratio of 24H to 5H)	0.76	0.75	0.76	0.76	0.79	0.76	
Compressive Strength	1	2	3	4	5	Average	
psi	12,895	14,750	14,803	15,383	12,443	14,055	01/27/2017
MPa	88.9	101.7	102.1	106.1	85.8	96.9	
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	
g/min/30 in. <sup>2</sup>	7.4	10.7	10.6	10.9	10.4	10.0	02/02/2017
Average % Void	25.2						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