

## THE BISHOP MATERIALS LABORATORY

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Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

08/23/2013 Plant:

Lot:

Report Number:

Sampled Date:

Kansas Brick

KBT-0009

07/09/2013

Name: Kansas Brick & Tile

767 North U.S. 281

Hoisington, KS 67544

Phone: 800-999-0480

Fax:

Product Code:

Sample Description: 530 Flash, Old Colonial, Cimarron, Sedona, Fort Dodge, Old Cheyenne, Pawnee Sand, Old Williamsburg,

Santa Fe, 545 F

Ountaire, 545 i							
							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	4.14	3.65	4.23	4.11	4.18	4.06	07/18/2013
5 Hour Submersion in Boiling Water (%)	7.27	6.50	7.24	6.95	7.10	7.01	
Saturation Coefficient (Ratio of 24H to 5H)	0.57	0.56	0.58	0.59	0.59	0.58	
Compressive Strength	1	2	3	4	5	Average	
psi	9,037	9,551	8,752	8,441	9,317	9,019	07/18/2013
MPa	62.3	65.9	60.3	58.2	64.2	62.2	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		08/07/2013
IRA	6	7	8	9	10	Average	
g/min/30 in.²	2.7	5.4	2.3	3.4	2.5	3.2	07/23/2013

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 12 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)

Grade: SW, MW

John Sanders, Ph.D., PE, Director

Gary W. Parker, Laboratory Supervisor

Lab Reference: 5162.8980