

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

Name:	Kansas Brick & Tile 767 North U.S. 281 Hoisington, KS 67544	Plant:	Kansas Brick
Phone:	800-999-0480	Report Number:	KBT-0005
Fax:		Sampled Date:	07/09/2013
		Lot:	
		Product Code:	

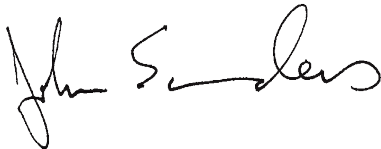
Sample Description: **510 Mingle, 500 Classic, 500 MIT, Graystone, 810 Cherokee, Coral Sand**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		2.29	2.18	2.45	2.91	2.31	2.43
5 Hour Submersion in Boiling Water (%)		3.08	2.94	3.28	3.67	3.10	3.21
Saturation Coefficient (Ratio of 24H to 5H)		0.74	0.74	0.75	0.79	0.74	0.75
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	12,081	13,052	11,173	11,808	14,467	12,516
	<i>MPa</i>	83.3	90.0	77.0	81.4	99.7	86.3
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
	<i>g/min/30 in.²</i>	2.1	2.3	2.8	1.7	2.3	2.2

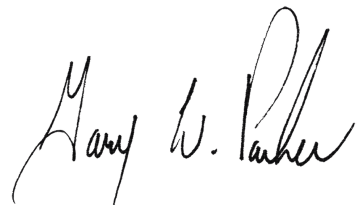
The brick represented by the test results shown here comply with the standards listed below:

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