

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

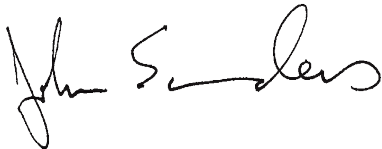
Name:	Kansas Brick & Tile 767 North U.S. 281 Hoisington, KS 67544	Plant:	Kansas Brick
Phone:	800-999-0480	Report Number:	KBT-0008
Fax:		Sampled Date:	07/09/2013
		Lot:	
		Product Code:	
Sample Description:	550 Dark, 500 Cordova		

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		3.58	3.46	3.68	4.08	3.86	3.73
5 Hour Submersion in Boiling Water (%)		4.78	4.91	4.89	5.47	5.09	5.03
Saturation Coefficient (Ratio of 24H to 5H)		0.75	0.70	0.75	0.75	0.76	0.74
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	12,345	12,336	14,860	14,932	11,447	13,184
	<i>MPa</i>	85.1	85.1	102.5	103.0	78.9	90.9
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>	2.9	4.1	3.1	3.6	4.6	3.7

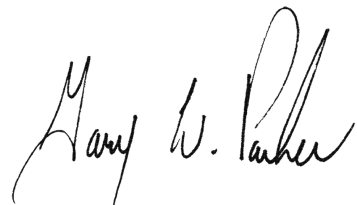
The brick represented by the test results shown here comply with the standards listed below:

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