

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

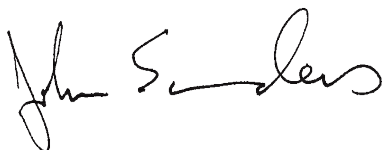
Name:	Kansas Brick & Tile 767 North U.S. 281 Hoisington, KS 67544	Plant:	Kansas Brick
Phone:	800-999-0480	Report Number:	KBT-0006
Fax:		Sampled Date:	07/09/2013
		Lot:	
		Product Code:	

Sample Description: **520 Dark, 500 C-Brown, 500 Cocoa**

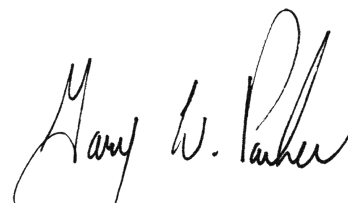
							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		3.29	3.97	3.15	3.53	3.23	3.44
5 Hour Submersion in Boiling Water (%)		3.63	4.58	3.51	4.25	3.60	3.91
Saturation Coefficient (Ratio of 24H to 5H)		0.91	0.87	0.90	0.83	0.90	0.88
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	11,540	14,089	16,607	11,432	13,981	13,530
	<i>MPa</i>	79.6	97.1	114.5	78.8	96.4	93.3
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	2.5	2.9	3.2	2.4	2.6

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, with absorption alternate in section 6.1.2



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor