

THE NATIONAL BRICK RESEARCH CENTER

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Results of Tests on Brick conducted in accordance with ASTM C67-07 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)





11/06/2008

COMPANY INFORMATION	
Name:	The Belden Brick Company P. O. Box 430 475 Dover Road, NW Sugar creek, OH 44681
Plant:	The Belden Brick Company
Sample:	Plant 9, Fireclay with Additive
Report #:	BBC-0057
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	3.14	2.97	3.14	4.83	3.26	3.47	09/11/2008
5 Hour Submersion in Boiling Water (%)	4.00	3.60	4.03	6.13	4.13	4.38	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.79	0.82	0.78	0.79	0.79	0.79	
Compressive Strength							
psi	14,531	13,195	14,711	13,861	13,603	13,980	09/11/2008
MPa	100.2	91.0	101.4	95.6	93.8	96	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		10/21/2008
IRA							
g/min	7.19	7.09	7.04	6.35	7.35	7.00	09/19/2008

The brick represented by the test results shown here comply with the standards listed below:
 ASTM C 216 - 07 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
 Grade: SW, MW with absorption alternate in section 6.1.2

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director