

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)





07/21/2008

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 6 - Fireclay and Shale Mix, with Additive
Report #:	BBC-0044
Lot:	Product Code:

							Test Date
Absorption	11	12	13	14	15	Average	
24 Hour Submersion in Cold Water (%)	4.65	4.46	4.60	4.32	4.48	4.50	07/08/2008
5 Hour Submersion in Boiling Water (%)	5.60	5.44	5.54	5.23	5.42	5.45	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.83	0.82	0.83	0.83	0.83	0.83	
Compressive Strength	11	12	13	14	15	Average	
psi	11,772	10,374	11,633	13,865	11,287	11,786	07/08/2008
MPa	81.2	71.5	80.2	95.6	77.8	81	
Efflorescence	11	12	13	14	15		
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		07/16/2008
IRA	6	7	8	9	10	Average	
g/min	8.49	8.45	8.33	7.90	9.16	8.46	07/10/2008

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
 Type: FBS

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director