

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)





06/20/2008

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 - All Fireclay, No Additive
Report #:	BBC-0036
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	2.57	2.71	2.53	2.61	2.70	2.62	06/03/2008
5 Hour Submersion in Boiling Water (%)	2.77	2.98	2.69	2.96	3.00	2.88	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.93	0.91	0.94	0.88	0.90	0.91	
Compressive Strength							
psi	9,728	9,955	12,309	9,929	11,234	10,631	05/30/2008
MPa	67.1	68.6	84.9	68.5	77.5	73	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		06/17/2008
IRA							
g/min	2.87	3.33	3.33	3.18	2.89	3.12	05/30/2008

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: FBX

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director