

**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)*



07/08/2008

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:	<b>Plant 4 - All Fireclay</b>
Report #:	BBC-0030
Lot:	Product Code: 09-08-04

	11	12	13	14	15	Average	Test Date
<b>Absorption</b>							
24 Hour Submersion in Cold Water (%)	4.41	4.49	3.87	5.57	4.68	4.60	06/03/2008
5 Hour Submersion in Boiling Water (%)	5.53	5.45	4.77	6.75	6.06	5.71	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.80	0.82	0.81	0.82	0.77	0.81	
<b>Compressive Strength</b>							
psi	11,129	9,939	10,873	12,609	10,130	10,936	06/19/2008
MPa	76.7	68.5	75.0	86.9	69.8	75	
<b>Efflorescence</b>							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		06/18/2008
<b>IRA</b>							
g/min	7.59	7.60	6.56	10.76	6.98	7.90	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: FBS

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director