

**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:	<b>Plant 6 - Fireclay and Shale Mix, No Additive</b>
Report #:	BBC-0043
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
<b>Absorption</b>							
24 Hour Submersion in Cold Water (%)	4.55	4.50	4.55	4.53	4.55	4.54	07/08/2008
5 Hour Submersion in Boiling Water (%)	6.05	5.93	5.96	5.97	5.93	5.97	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.75	0.76	0.76	0.76	0.77	0.76	
<b>Compressive Strength</b>							
psi	13,342	10,988	10,760	11,204	12,922	11,843	07/08/2008
MPa	92.0	75.8	74.2	77.2	89.1	82	
<b>Efflorescence</b>							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		07/16/2008
<b>IRA</b>							
g/min	11.26	10.22	10.31	11.10	10.80	10.74	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  
 Type: FBS

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director