

**THE NATIONAL BRICK RESEARCH CENTER**

100 Clemson Research Blvd.  
Anderson, SC 29625  
(864)656-1095



*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)*





08/19/2008

COMPANY INFORMATION	
Name:	The Belden Brick Company P. O. Box 430 475 Dover Road, NW Sugarcreek, OH 44681
Plant:	The Belden Brick Company
Sample:	<b>Plant 6, All Shale, No Additive</b>
Report #:	BBC-0049
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
<b>Absorption</b>							
24 Hour Submersion in Cold Water (%)	1.86	1.78	1.41	1.39	1.09	1.51	07/31/2008
5 Hour Submersion in Boiling Water (%)	2.76	2.82	1.98	1.91	1.53	2.20	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.67	0.63	0.71	0.73	0.71	0.69	
<b>Compressive Strength</b>							
psi	17,083	12,884	12,786	12,924	14,546	14,045	07/30/2008
MPa	117.8	88.8	88.2	89.1	100.3	97	
<b>Efflorescence</b>							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		08/05/2008
<b>IRA</b>							
g/min	2.06	2.72	2.81	2.32	1.57	2.30	07/31/2008

**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

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director