

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)





11/06/2008

COMPANY INFORMATION	
Name:	The Belden Brick Company P. O. Box 430 475 Dover Road, NW Sugarcreek, OH 44681
Plant:	The Belden Brick Company
Sample:	Plant 9, All Shale, Fine Grind, with Additive
Report #:	BBC-0060
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	0.97	2.23	2.41	2.33	2.63	2.11	09/11/2008
5 Hour Submersion in Boiling Water (%)	2.08	3.69	3.53	3.55	3.80	3.33	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.46	0.60	0.68	0.66	0.69	0.62	
Compressive Strength							
psi	12,497	13,953	15,215	15,470	14,551	14,337	09/11/2008
MPa	86.2	96.2	104.9	106.7	100.3	99	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		10/21/2008
IRA							
g/min	6.57	6.18	3.99	7.54	4.96	5.84	09/19/2008

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