

THE NATIONAL BRICK RESEARCH CENTER

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Anderson, SC 29625
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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 Sugarcreek, OH 44681
Plant:	The Belden Brick Company
Sample:	Plant 8 - All Shale - Fine Grind w/Additive
Report #:	BBC-0028
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	1.16	1.06	1.21	1.44	1.99	1.37	06/03/2008
5 Hour Submersion in Boiling Water (%)	2.33	1.84	1.93	2.74	2.53	2.28	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.50	0.58	0.62	0.53	0.79	0.60	
Compressive Strength							
psi	15,039	11,688	16,310	10,956	11,408	13,080	06/19/2008
MPa	103.7	80.6	112.5	75.5	78.7	90	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		06/18/2008
IRA							
g/min	3.97	3.28	2.89	3.04	3.15	3.27	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

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director