

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:	Plant 4, All Shale, No Additive
Report #:	BBC-0051
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	2.62	4.03	4.45	6.01	6.13	4.65	07/31/2008
5 Hour Submersion in Boiling Water (%)	5.40	6.73	7.29	8.86	9.00	7.46	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.48	0.60	0.61	0.68	0.68	0.61	
Compressive Strength							
psi	17,022	15,462	14,951	13,953	12,984	14,875	07/30/2008
MPa	117.4	106.6	103.1	96.2	89.5	103	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		08/05/2008
IRA							
g/min	17.78	20.28	24.28	24.21	14.56	20.22	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