

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)





11/06/2008

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:	Plant 9, Fireclay and Shale, No Additive
Report #:	BBC-0058
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	1.99	4.18	4.25	4.45	4.94	3.96	09/11/2008
5 Hour Submersion in Boiling Water (%)	5.08	5.15	5.00	5.46	5.78	5.30	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.39	0.81	0.85	0.82	0.85	0.74	
Compressive Strength							
psi	14,871	12,665	15,653	12,060	11,974	13,445	09/11/2008
MPa	102.5	87.3	107.9	83.2	82.6	93	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		10/21/2008
IRA							
g/min	11.88	13.01	13.05	13.68	13.69	13.06	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 with absorption alternate in section 6.1.2

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director