

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)





07/21/2008

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 6 - All Fireclay, with Additive
Report #:	BBC-0042
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	2.77	2.94	2.75	3.00	2.85	2.86	07/08/2008
5 Hour Submersion in Boiling Water (%)	3.02	3.09	3.10	3.33	3.21	3.15	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.92	0.95	0.89	0.90	0.89	0.91	
Compressive Strength							
psi	15,797	12,750	17,834	15,300	12,384	14,813	07/08/2008
MPa	108.9	87.9	123.0	105.5	85.4	102	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		07/16/2008
IRA							
g/min	2.82	3.36	3.46	3.78	3.77	3.44	07/10/2008

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
 Type: FBX

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director