

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)





07/08/2008

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 8 - All Fireclay, with Additive, Fine Grind - Gray
Report #:	BBC-0034
Lot:	Product Code:

							Test Date
Absorption	11	12	13	14	15	Average	
24 Hour Submersion in Cold Water (%)	5.18	4.98	5.55	4.42	5.04	5.03	06/03/2008
5 Hour Submersion in Boiling Water (%)	6.15	5.86	6.56	5.35	5.88	5.96	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.84	0.85	0.85	0.83	0.86	0.84	
Compressive Strength	11	12	13	14	15	Average	
psi	8,103	8,942	12,334	8,458	11,626	9,892	06/19/2008
MPa	55.9	61.7	85.0	58.3	80.2	68	
Efflorescence	11	12	13	14	15		
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		06/18/2008
IRA	6	7	8	9	10	Average	
g/min	10.57	8.80	10.16	6.90	10.21	9.33	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 with absorption alternate in section 6.1.2

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director