

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 Sugarcreek, OH 44681
Plant:	The Belden Brick Company
Sample:	Plant 4 - Shale and Fireclay Ironspots
Report #:	BBC-0027
Lot:	Product Code: 09-07-52

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	2.71	3.24	2.79	3.72	6.02	3.70	06/03/2008
5 Hour Submersion in Boiling Water (%)	3.74	4.61	3.72	4.89	7.54	4.90	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.72	0.70	0.75	0.76	0.80	0.75	
Compressive Strength							
psi	13,376	10,042	13,643	12,442	14,532	12,807	06/19/2008
MPa	92.2	69.2	94.1	85.8	100.2	88	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		06/18/2008
IRA							
g/min	2.92	2.84	2.42	2.76	7.53	3.69	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
Type: FBS

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director