

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 Sugarcreek, OH 44681
Plant:	The Belden Brick Company
Sample:	Plant 8 - Shale and Fireclay, No Additives, Fine Grind (70% Shale / 30% Fireclay)
Report #:	BBC-0040
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	3.33	3.03	3.40	2.65	2.65	3.01	07/08/2008
5 Hour Submersion in Boiling Water (%)	3.99	3.75	4.08	3.41	3.18	3.69	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.83	0.81	0.83	0.78	0.83	0.82	
Compressive Strength							
psi	15,240	17,535	17,725	11,856	16,942	15,859	07/08/2008
MPa	105.1	120.9	122.2	81.7	116.8	109	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		07/16/2008
IRA							
g/min	5.55	5.71	6.27	5.77	5.06	5.67	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: FBS

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director