

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 4 - All Shale Coarse Grind (No Additive)
Report #:	BBC-0031
Lot:	Product Code:

							Test Date
Absorption	11	12	13	14	15	Average	
24 Hour Submersion in Cold Water (%)	4.10	3.64	2.53	1.71	1.13	2.62	06/03/2008
5 Hour Submersion in Boiling Water (%)	5.66	4.84	4.02	3.65	1.40	3.91	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.72	0.75	0.63	0.47	0.81	0.68	
Compressive Strength	11	12	13	14	15	Average	
psi	12,050	14,107	13,754	14,671	17,980	14,512	06/19/2008
MPa	83.1	97.3	94.8	101.2	124.0	100	
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	5.32	6.01	4.62	5.22	4.37	5.11	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
 Type: FBS

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director