

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)





09/15/2008

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 2, All Shale (Face Brick)
Report #:	BBC-0056
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	2.76	2.87	3.30	2.85	2.46	2.85	09/04/2008
5 Hour Submersion in Boiling Water (%)	4.37	3.67	3.91	3.26	3.30	3.70	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.63	0.78	0.84	0.87	0.75	0.78	
Compressive Strength							
psi	14,580	14,562	14,575	13,250	13,308	14,055	09/12/2008
MPa	100.5	100.4	100.5	91.4	91.8	97	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		09/12/2008
IRA							
g/min	2.66	2.62	2.66	3.09	3.96	3.00	09/10/2008

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

CERTIFICATION	
 Denis Brosnan, Director	 Jim Frederic, Associate Director