

THE NATIONAL BRICK RESEARCH CENTER

100 Clemson Research Blvd.
Anderson, SC 29625
(864)656-1095



Results of Tests on Brick conducted in accordance with ASTM C67-07 Standard Method for Sampling and Testing



Brick and Structural Clay Tile

05/29/2008

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 3, Fireclay (No Additive)
Report #:	BBC-0026
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	4.55	6.20	5.82	4.45	6.75	5.56	04/29/2008
5 Hour Submersion in Boiling Water (%)	7.80	10.11	9.95	8.33	10.74	9.39	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.58	0.61	0.58	0.53	0.63	0.59	
Compressive Strength							
psi	9,037	7,774	8,620	7,857	6,515	7,961	05/01/2008
MPa	62.3	53.6	59.4	54.2	44.9	55	
Efflorescence							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		05/08/2008
IRA (g/min)							
	6	7	8	9	10	Average	
	16.34	17.66	17.46	16.00	14.20	16.33	11/30/2007
Abrasion Resistance							
	1	2	3	4	5	Average	
	0.05	0.08	0.07	0.06	0.10	0.07	11/30/2007

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: FBA

ASTM C 902 - 07 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX Molded Brick 4.1.4
Type: I

CERTIFICATION	
Denis Brosnan, Director	Jim Frederic, Associate Director