

**THE NATIONAL BRICK RESEARCH CENTER**

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*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:	<b>Plant 3, Shale (No Additive)</b>
Report #:	BBC-0025
Lot:	Product Code:

	11	12	13	14	15	Average	Test Date
<b>Absorption</b>							
24 Hour Submersion in Cold Water (%)	3.69	3.84	3.80	2.63	4.26	3.64	04/29/2008
5 Hour Submersion in Boiling Water (%)	5.23	5.18	5.41	4.99	5.75	5.31	
Saturation Coefficient (Ratio of 24 H to 5 H)	0.71	0.74	0.70	0.53	0.74	0.68	
<b>Compressive Strength</b>							
psi	11,808	10,716	10,803	11,715	10,878	11,184	05/01/2008
MPa	81.4	73.9	74.5	80.8	75.0	77	
<b>Efflorescence</b>							
	Not effloresced	Not effloresced	Not effloresced	Not effloresced	Not effloresced		05/08/2008
<b>IRA (g/min)</b>							
	6	7	8	9	10	Average	
	9.40	8.06	9.96	10.60	7.35	9.07	11/30/2007
<b>Abrasion Resistance</b>							
	1	2	3	4	5	Average	
	0.03	0.04	0.04	0.02	0.04	0.03	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  
Type: I

CERTIFICATION	
Denis Brosnan, Director	Jim Frederic, Associate Director