

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

11/30/2012


Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	The Belden Brick Company
Phone:	330-852-2424	Report Number:	BBC-0249 (Thin Brick)
Fax:	330-852-2958	Sampled Date:	11/08/2012
		Lot:	
		Product Code:	

Sample Description: **Shale (No Additive) (Thin Brick)**

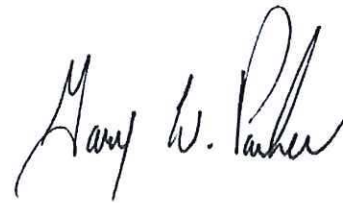
							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		3.57	3.02	3.62	3.18	3.03	3.28
5 Hour Submersion in Boiling Water (%)		6.01	5.14	5.61	4.95	4.79	5.30
Saturation Coefficient (Ratio of 24H to 5H)		0.59	0.59	0.64	0.64	0.63	0.62
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	11,953	11,249	11,843	13,407	13,557	12,402
	<i>MPa</i>	82.4	77.6	81.7	92.4	93.5	85.5
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	
							11/19/2012
IRA		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	5.8	5.9	9.2	5.3	5.9	6.4

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 1088 - 12 Standard Specification for thin Veneer brick Units Made From Clay or Shale
Grade: Exterior, Interior



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor