

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 Sugarcreek, OH 44681	Plant:	The Belden Brick Company
Phone:	330-852-2424	Report Number:	BBC-0248 (Thin Brick)
Fax:	330-852-2958	Sampled Date:	11/08/2012
		Lot:	
		Product Code:	

Sample Description: **Fireclay (w/Additive) (Thin Brick)**

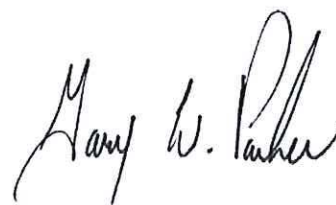
							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		4.07	5.09	4.90	4.49	4.59	4.63
5 Hour Submersion in Boiling Water (%)		7.30	8.42	8.28	7.80	7.95	7.95
Saturation Coefficient (Ratio of 24H to 5H)		0.56	0.60	0.59	0.58	0.58	0.58
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	11,605	9,335	8,887	10,098	10,649	10,115
	<i>MPa</i>	80.0	64.4	61.3	69.6	73.4	69.7
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>	16.7	14.9	17.3	17.2	17.0	16.6

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