

THE NATIONAL BRICK RESEARCH CENTER

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Results of Tests on Brick conducted in accordance with ASTM C67-08 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

06/02/2010

Name:	Continental Brick Company 154 Charles Town Road Martinsburg, WV 25405	Plant:	Martinsburg
Phone:	304-263-6974	Report Number:	CONT-0018
Fax:	304-267-0793	Sampled Date:	04/29/2010
		Lot:	
		Product Code:	

Sample Description: **Standard Modular**

							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		3.22	3.17	3.26	3.59	3.05	3.26	
5 Hour Submersion in Boiling Water (%)		3.75	3.71	3.73	4.22	3.48	3.78	
Saturation Coefficient (Ratio of 24H to 5H)		0.86	0.85	0.87	0.85	0.88	0.86	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	16,260	15,192	19,361	24,550	22,048	19,482	
	<i>MPa</i>	112.1	104.7	133.5	169.3	152.0	134.3	
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	05/11/2010	
IRA		6	7	8	9	10	Average	
	<i>g/min</i>	9.1	8.7	5.2	16.5	11.3	10.1	
Average % Void		20.1						05/07/2010

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

ASTM C 216 - 07a Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW with absorption alternate in section 6.1.2

Type: FBS



Denis Brosnan, Director

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