



TEST REPORT

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Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

03/03/2016

Name:	The Bowerston Shale Company P. O. Box 199 Bowerston, OH 44695	Plant:	Hanover	*Temperature: 60 - 90F
Phone:	740-269-2921	Report Number:	6809-14156	*Humidity: 30% - 70%
Fax:	740-269-5456	Received Date:	02/08/2016	
		Sampled Date:	02/08/2016	
		Lot:	H13015	
		Product Code:		

Sample Description: **Red Shale Series Payer**
Series Includes: #103, #105, #113, #115, #505

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.31	4.82	4.64	4.75	4.60	4.62	02/16/2016
5 Hour Submersion in Boiling Water (%)	7.35	7.83	7.50	7.47	7.44	7.52	
Saturation Coefficient (Ratio of 24H to 5H)	0.59	0.62	0.62	0.64	0.62	0.61	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	17,923	16,320	14,724	15,744	19,666	16,875	02/16/2016
<i>MPa</i>	123.6	112.5	101.5	108.5	135.6	116.4	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		02/24/2016
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	13.8	13.7	13.1	12.7	14.3	13.5	02/16/2016
Abrasion Resistance	1	2	3	4	5	Average	
	0.02	0.03	0.03	0.03	0.02	0.03	02/16/2016

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

Michael Walker, Quality Manager

*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH
The results shown above apply only to the samples tested, which are provided by the customer.
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